



Valve Tester Data Manual



Valve Characteristic
Meter. Mk. IV



Valve Characteristic
Meter. Mk. III



Valve Characteristic
Meter. Mks. I & II



Valve Tester. Type 160



Avo Valve Tester

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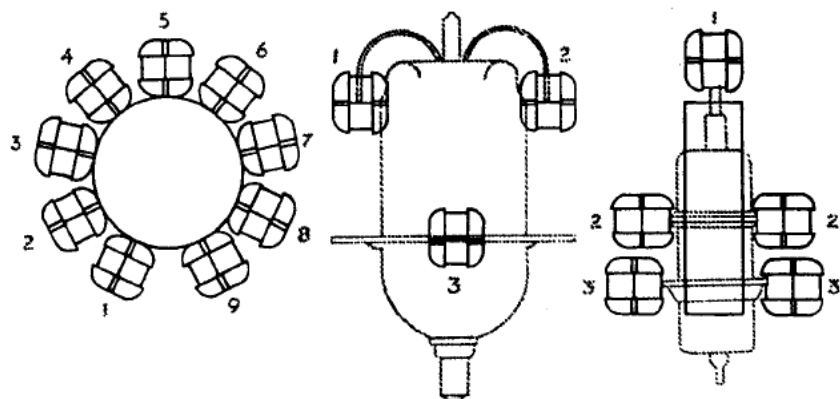
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(viewed from underside of base)



**DIAGRAM OF SPECIAL VALVE HOLDERS FITTED TO
 THE AVO VALVE TESTER TYPE 160**
(bases are viewed from top of valve panel)



NOTES

TESTING WIRE ENDED (FLYING LEAD) VALVES. Wire-ended (flying lead) valves may be tested by inserting individual wires into appropriate electrode connections of a suitable valve holder in correct sequence.

BACK EMISSION. Alternative test figures are given for use when valve shows signs of back emission from anode to G3. This phenomenon can be recognised by the anode current apparently decreasing as the valve heats up. Data to which this note refers is indicated thus 'ξ'.

GRID BIAS. When using AVO Characteristic Meter Marks I and II, to check valves requiring a bias of less than 1 volt, erroneous readings may be obtained due to the valve drawing grid current, which has the effect of reducing the grid bias voltage thus producing low mutual conductance readings. Users of these instruments are, therefore, advised to use the alternative data which has been supplied, which is indicated thus ϕ .

INTERNAL CONNECTION (*) When the symbol * appears among the Selector Switch set up figures, it indicates that an unknown electrode may be connected to this pin internally. To obtain the complete Selector Switch coding, test with an ohmmeter between pin marked * and all others. (The ohmmeter should be on a sufficiently low range to discriminate between a dead short and filament resistance). Dependant upon the electrode to which this pin is internally connected the correct code can be set up and normal test procedure followed.

Where the pin marked * is	O.C. to all others	Set Roller to	0		
" " "	" " "	connected to Cathode	Set Roller to	1	
" " "	" " "	" " "	Heater—	" " "	2
" " "	" " "	" " "	Heater+	" " "	3
" " "	" " "	" " "	Grid	" " "	4
" " "	" " "	" " "	Screen	" " "	5
" " "	" " "	" " "	Anode 1	" " "	6
" " "	" " "	" " "	Anode 2	" " "	7
" " "	" " "	" " "	Diode Anode 1	Set Roller to	8
" " "	" " "	" " "	Diode Anode 2	" " "	9

INSULATION TESTING. The manufacturers of certain specialised types of valve e.g. VHF types, thyratrons etc., limit the maximum applied inter-electrode voltage to very low values, these restrictions apply with the valve either hot or cold.

In the Avo Valve Characteristic Meter, the peak value of the applied insulation potential is 150V, whilst this is perfectly satisfactory for the vast majority of valves listed, users are advised to check with the manufacturers' data sheets when special types are to be tested.

The majority of valves listed in the Avo Valve Data Manual are not subject to this limitation, but where valve data is not given, care should be exercised. Where valves are subject to this limitation they are indicated thus □.

LOW ANODE IMPEDANCE TRIODES. It has come to our notice that a number of valves included in the Valve Data Manual which, when tested, produce low anode currents, a typical example being the 6080 valve.

These valves have a moderately high mutual conductance coupled with a very low R_a . In the case of the 6080 this is in the order of 250 ohms. Ideally, when testing this type of valve, the source impedance should be negligible. Unfortunately, with the Valve Characteristic Meter, the source impedance is in the order of 200 ohms, most of which is due to the anode current measuring circuit. Under normal conditions this impedance is negligible when compared with the anode impedance of the valve under test ; when these low impedance types are being tested, the valve is effectively being tested under dynamic conditions. Whilst we appreciate the difficulties with this drawback, we feel it is still acceptable, bearing in mind that the instrument will adequately test some 5000 ordinary valve types.

One suggestion for easing this difficulty is that a valve is selected which, when tested under dc conditions, meets the manufacturers' specifications. This valve should then be used under the same conditions in the Valve Characteristic Meter and the variation in anode currents and mutual conductance should then be noted, and used as a guide when testing valves of the same type.

Since only manufacturers' data is included in this publication anode current and mutual conductance figures have been omitted and the valve has been indicated thus Δ .

ABBREVIATIONS

D, DD, DDD.-Diodes and multiple diodes.

DT, DDT, DP, DDP.-Valve with another electrode assembly in addition to the diode.

H.- Heptode or Hexode.

N.- Nonode.

O.- Octode.

P.- Pentode or Tetrode, PP-Double Pentode or Double Tetrode.

T.- Triode, TT-Double Triode, TH-Triode Heptode, or Triode Hexode.

TP.- Triode Pentode.

R.- Rectifier, RR- Full-wave Rectifier.

TI.- Tuning Indicator (magic eye).

CCR.- Cold Cathode Rectifier.

‡ Appearing among ROLLER SELECTOR switch numbers, refers to third diodes in triple diodes. Refer to Working Instructions, Chapter 3, Section headed " Instruction for Testing Specific Valve Types " for full test procedure.

() Where brackets appear around stated heater voltage thus (5) it indicates that heater voltage given in Data columns has been uprated to allow for voltage drop at valve base, due to higher current taken by the particular valve.

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
0Z4	007 060 010		-		250		58	3kΩ	No Data Available			A08	CCR
00	364 200 000		5	0	40		1.0	0.66	No Data Available			UX4	T
00A	364 200 000		5	0	40		1.5	0.66	No Data Available			UX4	T
01	364 200 000		5	4.5	90		2.5		80			UX4	T
01A	364 200 000		5	9	150		3	0.8	80		0.7	UX4	T
01AA	364 200 000		5	4.5	90		3.2	0.9	90		0.8	UX4	T
01B	364 200 000		5	4.5	90		2.5	0.72	90		0.8	UX4	T
06P90	653 420 000		0.6	1.1	20	20	0.05	0.1	No Data Available			B5A	P
054V	642 310 000		4		100			4	100		4	B5	T
0H4	642 300 000		4	2.0	150		4.0	1.4	125		1.4	B4	T
1	281 300 000		6				60		REC		20mA	UX4	R
1A3	281 008 300		1.4						D			BTG	D
1A4	365 200 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A4E	365 200 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A4P	365 200 000	G1	2	3	90	75	2.2	0.7	80	75	0.7	UX4	P
1A4T	265 300 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A5	036 540 200		1.4	4.5	90	90	4 *	0.85	80	75	0.8	A08	P
1A6	266 453 000	G1	2	0	150	75	3	0.4	80	60	0.4	UX6	P
1A7	892 300 000		4				60		REC		20mA	B4	RR
1A7	026 546 300	G1	1.4	0	90	50	1.8	0.5	80	60	0.5	A08	H
1A8	327 546 280		1.4		90	90	1.2	0.7	80	90	0.7	A08	DTP
1A85	365 004 220		1.2	1.5	150	150	6.8	1.35	100	100		B8B	P
1A86	265 461 300		1.4	4.1	60	60	1.65	0.1	No Data Available			BTG	H
1A85	*4* 23* 650		1.2	4.5	60	60	2.0	0.75	60	60	0.7	B8D	P
1A86	266 464 300		1.4	4.0	60		4	2.2	80			BTG	H
1AD4	652 430 000		1.2	1.6	90	90	5.7	2.3	80	75	2.0	B5A	P
1AD5	*4* 23* 650		1.2	3.0	60	60	1.85	0.73	60	60	0.7	B8D	P
1AE4	265 024 300		1.2	0	90	90	3.5	1.55	90	80	1.5	BTG	P
1AE5	642 453 000		1.2	40	40	40	0.9	0.2	No Data Available			B5A	P
1AP4	265 024 300		1.4	0	90	90	1.65	0.95	80	90	0.9	BTG	P
1AP5	208 564 300		1.4	0	90	90	1.1	0.6	80	90	0.6	BTG	DP
1AF13	208 564 300		1.4		60	60	1.6	0.5	No Data Available			BTG	DP
1AF24	208 564 300		1.2		60	60	1.6	0.5	No Data Available			BTG	DP
1AG4	653 420 000		1.2	3.6	40	50	2.4	1	No Data Available			B5A	P
1AG5	658 243 000		1.2	2	40	40	0.2	0.2	No Data Available			B5A	DP
1AH4	652 453 000		1.2		40	40	0.7	0.7	No Data Available			B5A	P
1AH5	208 564 300		1.4	1.5	60	60	0.17	0.17	60	60	0.1	BTG	DP
1AJ4	265 124 300		1.4	0.8	75	75	1.4	0.65	80	75	0.7	BTG	P
1AJ5	658 243 000		1.2		40	40	1	0.4	No Data Available			B5A	DP
1AK4	652 430 000		1.2		40	40	0.7	0.7	No Data Available			B5A	P
1LA4	365 004 020		1.4	4.5	90	90	4	0.8	80	75	0.8	B8B	P
1AM4	265 024 300		1.4		90	60	2.4	0.3	80	60	0.2	BTG	P
1AN5	265 224 300		1.4	0	60	60	1.0	0.7	80	75	0.8	BTG	P
1AQ5	266 424 300		1.4		90	40			No Data Available			BTG	H
1AR5	208 564 300		1.4		60	60	0.9	0.5	No Data Available			BTG	DP
1AS4	265 024 300		1.4	0	90	90	1.6	0.85	100	90		BTG	P
1AS5	265 804 300		1.4		60	60	0.9	0.5	No Data Available			BTG	DP
1AU3	030 000 200	D1	1.2						D			A08	D
1AX2	230 232 032	D1	1.4						D			B9A	D
1B3	020 000 300	D1	1.2						D			A08	R
1B4	365 200 000	G1	2	3	200	60	1.7	0.6	100	60		UX4	P
1B4P	365 200 000	G1	2	3	90	75	1.6	0.6	80	60	0.6	UX4	P
1B4T(T)	265 300 000	G1	2	3	150	75	1.7	0.6	100	60	0.6	UX4	P
1B5	268 943 000		2	3	150		0.8	0.57	100		0.5	UX6	DDT
1B5L	368 942 000		2	3	100		0.8	0.5	100		0.5	UX6	DDT
1B6	265 406 300		1.4	1.5	90	75	1.5	0.75	80	75	0.7	BTG	P
1B7	026 546 300	G1	1.4	0	90	50	1.5	0.8	80	60	0.8	A08	H
1B8	037 546 280		1.4		90		0.1	0.3	80	60	0.1		
1C	289 300 000		6	6	90	90	6.3	1.1	80	75	1.1	A08	DTP
1C1	266 424 300		1.4	4	75		4.5	1.2	80		1.4	BTG	H
1C2	266 464 300		1.4	4	60		4	1.2	80		1.4	BTG	H
1C3	260 406 300		1.4	3	90		1.4	0.76	80		0.7	BTG	T
1C3	266 464 300		1.4		60		3		No Data Available			BTG	H
1C4	365 200 000	G1	2	0	150	75	2.5	1	150	75	1	UX4	P
1C5	036 540 200		1.4	7.5	90	90	7.5	1.55	80	75	1.5	A08	P
1C6	366 452 000	G1	2	0	150	75		1	150	75	1	UX6	H
1C7	026 546 300	G1	2	0	150	75		1	150	75	1	A08	H
1C8	240 236 540		1.2	0	30	30	0.3		No Data Available			B8D	H
1C91	624 300 000		1.2	2.5	150		7		100			B5A	T
1C91	026 447 300		1.2	2.5	125		7		100			A08	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
1D3	402 306 060		1.2	5	90		12.5	3.4	100		1.4	HKA	T
1D4	264 330 000		2	6	150	150	9.5	2.4	100	100		1X5	P
1D5	802 310 000		40				120		REC		60mA	B5	R
1D5EG	026 500 300	G1	2	3	150	60	2.2	0.7	100	60	0.6	A08	P
1D5G	026 503 000	G1	2	3	200	75	2.3	0.7	100	75		A08	P
1D5GP	026 500 300	G1	2	3	90	75	2.2	0.7	80	60	0.7	A08	P
1D5GT	026 500 300	G1	2	3	150	75	2.2	0.6	100	60	0.6	A08	P
1D6	280 183 000		25				60		REC		60mA	1X6	R
1D7	036 546 200	G1	2	0	150	75	3	0.42	150	75	1.0	A08	P
1D8	037 546 280	G1	1.4 {	0	90		1.1	0.5	80	60	0.5 {	A08	DTT
				9	90	90	5	0.9	80	75	0.9 }		
1D13	281 0*8 300		1.4						D			B7G	D
1D15	265 804 300		1.4		60	60	2.1	0.6	No Data	Available		B7G	DP
1E3	402 203 060		1.2	0	150		20	3.5	100			B9A	T
1E4	026 040 300		1.4	3	90		1.4	0.76	100		0.7	A08	T
1E5	036 500 200	G1	2	3	150	75	1.7	0.6	100	60	0.6	A08	P
1E5GP	036 500 200	G1	2	3	90	75	1.6	0.6	80	60	0.6	A08	P
1E7	036 447 250		2	4.5	150	150	7.5	1.43	100	100	1.4	A08	PP
1E8	240 236 540		1.2	0	60	60	1.8	0.74	No Data	Available		B8D	H
1F1	265 024 300		1.4	0.8	75	75	1.4	0.65	80	60	0.7	B7G	P
1F2	265 024 300		1.4	1.0	90	75	2.9	0.92	80	75	0.9	B7G	P
1F3	265 024 300		1.4	1.0	90	50	1.9	0.75	80	60	0.7	B7G	P
1F4	164 520 000		2	3	90	90	4	1.4	80	75	1.4	UX5	P
1F5	036 540 200		2	3	90	90	4	1.4	80	75	1.4	A08	P
1F6	365 892 000	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	UX6	DDP
1F7	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	A08	DDP
1F7GV	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	A08	DDP
1F33	265 024 300		1.4		90	60	3.5	0.7	80	60		B7G	P
1F34	265 024 300		1.2		90	60	3.5	0.7	80	60		B7G	P
1F860	141 230 651		20		200	175	10	7.5	100	100	7	B9A	P
1FD1	2*8 564 300		1.4	1.5	60	60	0.17	0.17	80	60	0.1	B7G	DP
1FD9	208 564 300		1.4	1.0	75	75	1.6	0.63	80	75	0.6	B7G	DP
1G3	*2* 0*0 3*0	D1	1.2						D			A08	D
1G4	036 040 200		1.4	6	90		2.3	0.82	80		0.8	A08	T
1G5	036 540 200		2	6	90	90	8.5	1.5	80	75	1.5	A08	P
1G6	026 447 300		1.4	0	90		1.0	0.67	80		0.6	A08	TT
1H2	23* 232 *32	D1	1.4						D			B9A	DT
1H3C	026 447 300		1.2	5.5	150		2.3	0.8	100			A08	TT
1H4	026 040 300		2	9	150		3	0.9	100		0.9	A08	T
1H5	036 080 200	G1	1.4	0.5	100		0.1	0.2	80		0.2	A08	DT
1H6	036 894 200		2	3	150		0.8	0.57	100		0.5	A08	DDT
1H33	265 424 300		1.4		90	60	1.6		80	60	0.3	B7G	H
1H34	265 424 300		1.2		90	60	1.6		80	60	0.3	B7G	H
1H35	265 454 300		1.4		90	40	0.6		No Data	Available		B7G	H
1J3	020 000 300	D1	1.2						D			A08	D
1J5	036 540 200		2	16.5	150	150	7	0.95	100	100	0.9	A08	P
1J6	026 447 300		2	3	150		1.7		100			A08	TT
1J6GX	026 447 300		2	0	150		2		125			A08	TT
1K3	020 000 300	D1	1.2						D			A08	D
1K4	365 200 000	G1	2		150	75	2.5	1	150	75	1	UX4	P
1K5	026 500 300	G1	2		125	75	2.5	1	125	75	1	A08	P
1K5B	026 500 300	G1	2		125	75	1	1	125	75	1	A08	P
1K6	369 852 000	G1	2	3	150	90	0.9	0.6	100	75	0.6	UX6	DDP
1K7	026 895 300	G1	2	4.4	150	150	1.5	0.7	100	100	0.7	A08	DDP
1L4	265 024 300		1.4	0	90	75	2.9	0.92	80	75	0.9	B7G	P
1L5	026 540 300		2	6	200	200	10	2.4	100	150	2.4	A08	P
1L6	266 451 300		1.4	0	90	50	4	0.55	80	60		B7G	H
1L33	264 526 300		1.4	7	90	60	7.4	1.4	80	60		B7G	P
1L34	254 526 300		1.2	7	90	60	7.4	1.4	80	60		B7G	P
1L60	642 300 000		1		150		6.0	1.2	150		1.2	B4	T
1L84	365 004 020		1.4	4.5	90	90	4	0.85	80	70	0.8	B8B	P
1L91	652 430 000		1.2	4.5	40	40	1.2	0.5	No Data	Available		B5A	P
1L861	041 230 651		20		200	200	15	9	100	100		B9A	P
1LA4E	365 004 020		1.4	4.5	90	90	3.5	0.8	80	75	0.8	B8B	P
1LA6	366 454 020		1.4	0	90	50	1.8	0.55	80	60	0.5	B8B	H
1LA6E	366 454 020		1.4	0	90	50	1.8	0.55	80	60	0.5	B8B	H
1LB4	365 004 020		1.4	9	90	90	5	0.9	80	75	0.9	B8B	P
1LB6	276 554 430		1.4 {	0	90	75	1.2		80			B8B	H
							0.4		80	75			

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
2K2	026 500 300	G1	2	2	100	100	2.5	0.9	100	100	0.9	A08	P	
2L32	264 536 200		1.4	7	60	60	7	1.5	60	60		B7G	P	
2L33	265 436 200		1.4	8.4	150	90	14.1	1.9	100	80		B7G	P	
2L34	264 536 200		1.4	7	60	60	7	1.5	60	60		B7G	P	
2L35	265 242 300		1.2		150	90	14.8	2.1	100	90		B7G	P	
2L35	265 143 200	D1	1.2	8.8	150	90	14.2	2.1	100	100		B7G	P	
2M2M	264 536 200		1.2	3.5	60	60	3.7	1.1	80	60		B7G	P	
2-01C	2** *** 300		5						D			B7G	D	
2P	642 300 000		2	22	250		40	7	100		7	B4	T	
2S	289 130 000		2.5				15		REC		10mA	UX5	RR	
2S/140G	208 130 800	D1	6.3				5		D			B7G	R	
2SC10	642 300 000		2.5	1	250		15	2.4	100			B4	T	
2T4	642 310 600		2.3	2.7	75		18	7	75		7	B7G	T	
2T/270K	112 311 100		4						REC		5mA	B7G	R	
2T14	642 300 000		2		150		2	0.6	125		0.6	B4	T	
2U15	642 300 000	D1	2		150		4	0.8	100		0.8	B4	T	
2V2	020 000 03*		2.5						D			A08	D	
2V3	020 000 300		2.5(3)						D			A08	R	
2V3	020 800 030		2.5				60		REC		20mA	A08	R	
2X2	300 200 000		2.5(3)						D			UX4	R	
2X2A	300 200 000	D1	2.5(3)						D			UX4	R	
2X3	020 800 030		2.5						REC		30mA	A08	R	
2XP	642 300 000		2	36	300		120		D		7	B4	T	
2T2	200 300 000		2.5				50	7	100			UX4	R	
2Z2	280 300 000		2.5				60		REC		20mA	UX4	R	
2.509	642 300 000	D1	2.5	4	250		8	2.2	100			B4	T	
3	642 300 000		2	7.5	150		3.4	0.9	100		0.9	B4	T	
3A2	230 232 032		3						D			B9A	D	
3A3	*2* 0*0 3*0		3						D			A08	D	
3A4	365 426 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	B7G	P	
3A5	264 347 200	G1	1.4	2.5	90		3.7	1.8	80		1.8	B7G	TT	
3A8	237 546 380		1.4	{	0	90		0.2	0.3	80		0.3	A08	DTP
3A/107A	264 300 000		4	8	150		12	0.7	80	60				
3A/107B	642 300 000		4	8	150		6.5	1.6	100		1.6	UX4	T	
3A/108A	264 300 000		2	1.5	150		6.5	1.6	100		1.6	B4	T	
3A/108B	642 300 000	D1	2		150		0.9	0.5	100		0.5	UX4	T	
3A/109A	264 300 000		4	1.5	150		0.9	0.5	100		0.5	B4	T	
3A/109B	642 300 000		4	8	150		19	1.2	100		1.2	UX4	T	
3A/154H	260 0*4 130		4	8	150		19	1.2	100		1.2	B4	T	
3A/167M	2*0 61* 430		6	2	250		12	3	100		3	B8B	T	
3AB4	602 304 100	D1	6.3	3.5	200		10	30	No Data Available			B8G	T	
3AE4	365 004 230		3.1	2	250		10	5.5	100			B7G	T	
3AP4A	642 314 600		1.4	9	90	90	1.8	1.6	80	75	1.6	A08	P	
3AJ8	541 237 464		3	4	100		15	6.6	100		7.5	B7G	T	
3AL5	192 310 800		3.1	{	3	100		5	2.3	100	60	2.3	B9A	TH
3AT4A	602 304 100	D1	3	2	250	100	6.5	2.4	150	100	2.4		B7G	DD
3AU6	412 365 100		3				5		D					
3AV6	412 398 600		3.1	1	200		11.5	6.7	100			B7G	T	
3AW3	*2* 0*0 3*0		3	1.0	250	150	10	5.2	100	150	5	B7G	P	
3AY6	412 389 600		3.1	2	250		1.2	1.6	200		1.6	B7G	DDT	
3AZ4	020 809 030	D1	3				1.2	1.6	200		1.6	B7G	DDT	
3B2	*2* 0** 3*0		5				60		REC		15mA	A08	RR	
3B4	524 332 600		3						D			B8A	D	
3B5	036 540 320		1.25	7.5	150	125		1.7	No Data Available			B7G	P	
3B7	364 204 730		1.4	7	75	75	6.7	1.5	80	60	1.5	A08	P	
3B24	320 200 000	D1	1.4	0	90		5.2	1.85	80		1.8	B8B	TT	
3B29	300 200 000		2.5				30		REC		15mA	UX4	R	
3B/102B	643 210 000		2.5											
3B/240M	214 444 130		6		400		100	6	No Data Available			B5	T	
3B/241M	214 444 130		A1	6	1	300		50	27	No Data Available			B8B	T
3B/252B	642 310 000	A1	19	1	300		50	27	No Data Available			B8B	T	
3BA6	412 365 100		6	20	400		100	6	No Data Available			B5	T	
3BC5	412 365 100		3	1	250	100	11	4.4	100	100	4.4	B7G	P	
3BE6	412 366 100		3	1.3	250	150	7.5	5.7	100	150	5.8	B7G	P	
3BP6	142 360 100		3.1	2	100	100	11	7	100	100	5	B7G	H	
3BN4	142 361 400	D1	3.1	9	250		9.5	1.9	100			B7G	T	
3BN6	412 354 600		2.8	2	150		9	6.8	100		6	B7G	T	
3BR8	157 231 461		3	1	60	60	0.5	1	80	60	1	B7G	P	
3BX6	141 230 651		3	1	100	60	1	1.5	100	60	1.5	B9A	PP	
3BY6	412 365 400		3.4	2	200	175	10	7.2	100	100	6	B9A	P	
			3	2.5	250	100	6.5	2.4	100	100	2.0	B7G	H	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
3BT7	141 230 651		3.2	1.8	250	75	8	5.7	100	75		B9A	P
3BZ6	412 365 100		3	1.0	150	125	14	8	200	150	6	B7G	P
3C2	020 *3* 2*0		1.5						D			A08	D
3C4	365 *24 300		1.4	5.2	90	90	5.0	1.4	80	75	0.7	B7G	P
3C5	036 540 320		1.4	9	90	90	6	1.4	80	75	1.4	A08	P
3C6	206 447 320		1.4	0	90		4.5	1.3	80		1.3	B8D	TT
3C24	200 300 000	A1 G1	6.3	3	400		4.5	1.2	100			UX4	T
3C36	412 365 100		3	2.2	200	150	9.5	6.2	100	150	6	B7G	P
3CB6	412 365 100		3	1.0	150	125	13	8.0	100	150	6.0	B7G	P
3CB5	412 365 100		3.1	2.1	200	150	9.5	6.2	100	100		B7G	P
3CP5	402 365 100		3.1		150	125	11	7.6	100	100		B7G	P
3CP6	412 365 100		3	1.0	150	125	12	7.8	100	150	6	B7G	P
3CS6	412 365 100		3	1.0	100	30	1.0	1.1	100		1.1	B7G	H
3CT5	412 365 100		2.9	1	150	75	10	9	100	80	8	B7G	F
3D6	365 004 230		1.4	4.5	150	90	10.2	2.4	100	75	2.4	B8B	P
3D21A	320 504 210	A1	6.3	30	400	300		5.5	No Data Available			A08	P
3D4	414 234 464		2.6		150		12.5	14	No Data Available			B9A	T
3D4	1*1 080 900		3.3				120		REC	30mA		A08	RR
3DK6	412 365 100		3.1	0.9	150	125	12	9.8	100	100	9.5	B7G	P
3DL4	414 234 464		2.6	1.2	150		12	14	No Data Available			B9A	T
3DT6	412 365 100		3	2.2	150	100	1.1	0.8	150	100	2.0	B7G	P
3E5	365 024 300		1.4	8	90	90	6	1.2	80	75	1.2	B7G	P
3E6	265 134 020		1.4	0	90	90	2.5	1.8	90	90	1.8	A08	P
3EA5	402 365 100		3	1	250	100	10	8	100	100		B7G	P
3EH7	141 230 651		3.4	2	200	90	12	12.5	No Data Available			B9A	P
3EJ7	141 230 510		3.4	2.5	200	200	10	15	No Data Available			B9A	P
3ER5	142 360 100		3.6	1.2	250		10	10.5	100			B7G	T
3ES5	142 360 100		3	1	200		15	9.5	100			B7G	T
3EV5	265 424 300		2.9		250	75	11.5	8.5	100	80		B7G	P
3FH5	142 360 100		3	1	150		11	9	100			B7G	T
3FQ5	142 360 100		2.8	1.2	150		11.5	11	100			B7G	T
3FQ5A	142 360 100		2.8	1.2	150		11	12	No Data Available			B7G	T
3FS5	412 365 100		2.9	0.2	300	150	9	10	No Data Available			B7G	P
3FY5	142 360 100		3.1	1	150		11	13	No Data Available			B7G	T
3G10	892 300 000		2.5				30		REC	15mA		B4	RR
3G130	892 300 000		2.5				30		REC	15mA		B4	RR
3GK5	142 360 100		2.8	1	150		11.5	15	No Data Available			B7G	T
3GS8	156 231 471		3.1		100	75	2	1.2	100	75		B9A	FP
3HM5	412 360 100		2.9	1.2	150		12.5	14.5	No Data Available			B7G	T
3HS8	157 231 461		3.1		100	75	2	0.4	100	75	0.4	B9A	FP
3L31	265 436 200		1.4	8.7	150	90	14.2	2.1	100	90		B7G	P
3L35	265 243 200		1.4		150	125	18.5		100	100		B/G	P
3LE4	365 004 230		1.4	9	90	90	1.8	1.6	80	75	1.6	A08	P
3LF4	365 004 230		1.4	4.5	90	90	8	2	80	75	2	B8B	P
3Q4	364 526 300		1.4	5	90	90	6.9	1.97	80	75	1.9	B7G	P
3Q5	036 540 320		1.4	4.6	90	90	9	2	80	75	2	A08	P
3S4	364 526 300		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
3V4	365 024 300		1.4	4.5	90	90	7.7	2	80	75	2	B7G	P
3S4T	264 526 300		1.4	7	90	60	7.4	1.4	80	60	1.4	B7G	P
3SB6	036 540 320		1.4		90	60	1.4	0.6	80	60		A08	P
3M4	264 536 200		1.4	5.2	90	90	6.8	1.7	80	75	1.5	B7G	P
3T4	264 536 200		1.4	5.4	60	60	5	1.2	80	60		B7G	P
3T6A1	023 104 560		6.3		400	300		2	No Data Available			P8	P
3Z4	264 536 200		1.4	7	60	60	6.5	1.4	No Data Available			B7G	P
4	642 300 000		2	1	150		1	0.9	150		0.9	B4	T
4/100BU	892 300 000		4				120		REC	30mA		B4	RR
4AG6	026 447 230		2	1.5	90		1.2	0.9	80		0.9	A08	TT
4A07	642 300 000		4	2	100		1.4	1.2	100		1.2	B4	T
4A0RN	642 300 000		4		200		6	2.4	100			B4	T
4A10	642 300 000		4	2.5	150		6	1.8	125		1.8	B4	T
4A15	642 300 000		4		100		7	2.2	100		2.2	B4	T
4AR0	642 310 000		4		150		6	2	150		2	B5	T
4ARON	642 310 000		4		200		6	2.4	100			B5	T
4A90	642 310 000		4		200		8	3.5	100		3	B5	T
4A120	642 310 000		4		150			1.4	125		1.4	B5	T
4A16	412 365 100		4	1	250	150	10	5.2	100	60	5.2	B7G	P
4AV6	412 389 600		4.2	2	250		1.2	1.6	100		1.2	B7G	DVT
4BA6	412 365 100		4.2	1	250	100	11	4.4	100	100	4.4	B7G	P
4BC5	412 365 100		4.2	1.3	250	150	7.5	5.7	100	150	5.7	B7G	P
4BC8	741 236 410		4.2	2.2	150		10	6.2	150		5	B9A	TT

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
1LB7	265 104 130		1.4	3	40	40	1	0.3	No Data	Available		A08	P
1LC5	365 124 020		1.4	0	90	50	1.15	0.77	80	60	0.7	B8B	P
1LC6	266 454 030		1.4	0	90	50	3	0.55	80	60	0.5	B8B	H
1LD5	365 804 020		1.4	0	90	50	0.6	0.57	80	60	0.5	B8B	DP
1LE3	350 0*4 020		1.4	3	90		1.4	0.76	80		0.76	B8B	T
1LF3	260 004 020		1.4	3	90		1.4	0.76	80		0.7	B8B	T
1LG5	365 124 020		1.4	1.5	90	90	3.7	1.15	80	90	1.1	B8B	P
1LH4	260 804 020		1.4	0	90		0.15	0.27	80		0.2	B8B	DT
1LN5	365 124 020		1.4	0	90	90	1.6	0.8	80	90	0.8	B8B	P
1M5G	036 500 200	G1	2		150	75	2.5	1	150	75	1	A08	P
1LN5E	365 124 020		1.4	0	90	90	1.6	0.8	80	90	0.8	B8B	P
1N2	*2* *** 3*0	D1	1.2						D			A08	D
1N5	036 500 200	G1	1.4		90	90	1.2	0.7	80	75	0.7	A08	P
1N6	036 548 200		1.4	4.5	90	90	3.4	0.8	80	75	0.8	A08	DP
1NA31	802 208 300		5				15		REC		10mA	B7G	R
1P1	365 024 300		1.4	5.2	90	90	5.0	1.4	80	75	1.4	B7G	P
1P5	036 500 200	G1	1.4		90	90	2.3	0.7	80	90	0.7	A08	P
1P10	264 536 200		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
1P11	365 024 300		1.4	4.5	90	90	9.5	2.15	80	75	2	B7G	P
1Q5	036 540 200		1.4	4.5	90	90	9.5	2.2	80	75	2.2	A08	P
1Q6	040 238 650		1.25	0	60	60	1.6	0.6	No Data	Available		B8D	DP
1R	026 510 300	G1	1.4		90	90	1.2	0.7	80	90	0.7	A08	P
1R4	200 800 130		1.4						D			B8B	D
1R5	266 424 300		1.4	4	75		5	1.2	80		1.4	B7G	H
1R6	230 232 032	D1	1.2						D			B9A	D
1S2A	32* 323 *23	D1	1.4						D			B9A	D
1S4	264 526 300		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
1S4T	264 5*6 300		1.4	7	90	75	7.2	1.6	100	75		B7G	P
1S5	208 564 300		1.4	0	75	75	1.6	0.62	80	75	0.6	B7G	DP
1S5T	2*8 564 300		1.4		90	75	1.6	0.5	75	60		B7G	DP
1S6	604 238 050		1.2	0	60	60	1.6	0.6	No Data	Available		B8D	DP
1SA6	021 405 360		1.4	0	90	75	2.45	0.97	80	75	0.9	A08	P
1SB6	036 580 240		1.4	0	90	75	1.45	0.66	80	75	0.6	A08	DP
1T	036 500 320	G1	1.4	4.5	90	90	0.9	2.1	80	75	2.1	A08	P
1T2	123 000 000	D1	1.4						D			B3G	D
1T4	365 200 000		2	0	150	75	2.5	1	150	75	1	UX4	P
1T4	265 024 300		1.4	0	90	75	3.5	0.9	80	75	0.9	B7G	P
1T4T	265 024 300		1.4		90	75			80	75		B7G	P
1T5	036 540 200		1.4	6	90	90	6.5	1.15	80	75	1.1	A08	P
1T6	604 238 050		1.2	0	60	60	1.6	0.6	No Data	Available		B8D	DP
1U4	265 024 300		1.4	0	90	90	0.8	0.68	80	90	0.9	B7G	P
1U5	265 804 300		1.4	0	75	75	1.6	0.62	80	75	0.6	B7G	DP
1U6	266 541 300		1.4	0	75	50	1.7	0.3	No Data	Available		B7G	H
1V	281 300 000		6				60		REC		20mA	UX4	R
1V2	8** 230 **8		0.625						D			B9A	D
1V4	260 *24 300		1.25	0	150	100	1.6		125	100		B7G	P
1V5	*4* 23* 650		1.2	4.5	60	60	2	0.75	No Data	Available		B7G	P
1V4	892 300 000		4				30		REC		40mA	B4	RR
1V4	265 004 300		1.4	9	90	90	5	0.92	80	75	0.9	B7G	P
1V5	040 230 650		1.25	0	60	60	1.8	0.73	No Data	Available		B8A	P
1V50	842 300 000		1.0						D			B4	D
1X2	230 232 032	D1	1.2						D			B9A	R
1X2B	*2* *** **3	D1	1.2						D			B9A	D
1Y2	200 300 000	D1	1.4									UX4	R
1Y32	232 232 300	D1	1.4						D			B7G	D
1Y32T	232 232 300	D1	1.4						D			B7G	D
1Z1	020 000 300	D1	0.7						D			A08	D
1Z2	232 232 300	D1	1.2						D			B7G	D
1Z2S	2** *** 300	D1	1.2						D			B7G	D
2	642 300 000		2	4	150		1.5		100			B4	T
2/25A	200 300 000	D1	6				30		REC		18mA	UX4	R
2/50A	200 300 000	D1	5				60		REC		20mA	UX4	R
2A1M	026 546 300	G1	2		150	75	2.2		100	80		A08	H
2A3	264 300 000		2.5	45	250	60	5.2		100		5.2	UX4	T
2A3H	364 200 000		2.5	62	300	40	5.25		100		5.2	UX4	T
2A3V	264 300 000		2.5	45	250	60	5.2		100		5.2	UX4	T
2A5	265 413 000		2.3(3)	16.5	250	250	34	2.5	100	150	2.5	UX6	P
2A6	269 813 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
2A6S	269 813 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
2A7	265 541 300	G1	2.5	8	250	100	3.5	1.1	150	100	1.1	Sm7	H
2AF4	642 314 600		2.5	4.0	100		15	6.6	80		6.0	B7G	T
2B3	*20 000 3*0	D1	1.7						D			A08	D

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
2B5	267 413 000		2.5		300		9		No Data Available			UX6	TT
2B5	634 224 370		1.2	1	90		2.6	1.1	80	100	1.1	B8A	TT
2B7	265 891 300	G1	2.5	3	250	125	9	1.1	100	100	1.1	UX7	DDP
2B7S	265 891 300	G1	2.5	3	250	100	6	1	100	100	1	UX7	DDP
2R21	300 200 000	D1	2.5				5		D			UX4	R
2B22	021 010 310	D1	6						D			A08	D
2B25	200 800 300		1.4						D			B7G	D
2B26	280 300 000		2.5				120		HBC	30mA		UX4	R
2B35	123 000 000	D1	6						D			B3G	D
2B36	123 000 000	D1	4						D			B3G	D
2B44	142 361 400		2	1.5	150		9	6.8	100		7	B7G	T
2B4A	142 361 400		2	1.5	150		9	6.8	100		7	B7G	T
2C21	217 461 300	G1	6	16.5	250		8.3	1.3	100		1.3	UX7	TT
2C22	020 000 310	A1 G1	6	10.5	300		11	3	100		3	A08	T
2C23	264 300 000		7.5	32	350		16	1.55	100		1.5	UX4	T
2C25	264 300 000		7	100	350		50		No Data Available			UX4	T
2C26	020 000 310	A1 G1	6	15	350		16		100			A08	T
2C26A	020 000 310	A1 G1	6	15	350		16		100			A08	T
2C40	*21 010 310	A1 G1	6	5	250		20		100			A08	T
2C43	*21 010 310	A1 G1	6.3		400		38		100			A08	T
2C45	364 200 000		7	40	250		29		100			UX4	T
2C48	265 004 130		6	15	250	250	70		100	150		B8B	P
2C50	461 471 230		12.6		200		18	2.9	100			A08	TT
2C50	265 004 130		12	15	250	250	70		100	150		B8B	P
2C51	214 607 413		6	2	150		8.2	5.5	125		5.5	B9A	TT
2C51L	214 607 413		6		150		8.2	5.5	100			B9G	TT
2C52	461 471 230		12.5	2	250		1.3	1.9	200		1.9	A08	TT
2CT5	412 365 100		2.5	1	150	80	10	8	125	75	8	B7G	P
2D1	289 130 000		2.5						D			UX5	DD
2D2	892 310 000		2						D			B5	DD
2D4	892 310 000		4						D			B5	DD
2D4A	892 310 000		4						D			B5	DD
2D4B	091 231 800		4						D			B7	DD
2D13	023 180 000	D2	13						D			B5	DD
2D13A	823 190 000		13						D			B5	DD
2D13C	892 310 000		13						D			B5	DD
2D21	412 316 100		6		400		50	6kΩ	No Data Available			B7G	THY
2DL4	414 234 464		2		150		12.5	14	No Data Available			B9A	T
2E22	254 130 000	A1	6	15	400	250	60	5.5	100	150		1X5	P
2E24	235 242 300	A1	3	18.5	400	200	16	3.2	200	100	3.2	A08	P
2E25	020 540 320		6	22.5	400	250	40		No Data Available			A08	P
2E26	125 141 300	A1	6	20	200	200	20	3.5	100	75	3.5	A08	P
2E30	413 365 200		3	20	250	250	40	3.7	100	100	3.7	B7G	P
2E31	652 430 000		1.25	0	20	20	0.4	0.5	No Data Available			B5A	P
2E32	652 430 000		1.25	0	20	20	0.4	0.5	No Data Available			B5A	P
2E35	652 430 000		1.25	0	20	20	0.27	0.38	No Data Available			B5A	P
2E36	652 430 000		1.25	0	20	20	0.27	0.38	No Data Available			B5A	P
2E41	658 243 000		1.25	0	20	20	0.36	0.37	No Data Available				P
2E42	658 243 000		1.25	0	20	20	0.35	0.37	No Data Available				P
2E50	412 365 300		6	20	250	250	10	3.4	100	100		B7G	P
2E5A	412 365 100		2.3	1	250	150	10	8	100	100		B7G	P
2E45	092 310 800		2.1						D			B7G	DD
2E55	092 310 800		2.1						D			B7G	DD
2E55	142 360 100		2.3	1.2	200		10		100			B7G	T
2E55	142 360 100		2.3	1	200		15	9.5	100		9.5	B7G	T
2E55	265 424 300		2.4		250	75	11.5	8.8	100	80		B7G	P
2F7	275 641 300	G1	2.5	3	100		4		100		3.8	UX7	TP
2F7	275 641 300		2.5	3	250	100	2.8		100	100			
2FH5	142 360 100		2.3	1	150		11	9	100			B7G	T
2FQ5	142 360 100		2.3	1.2	150		11.5	11	100			B7G	T
2FQ5A	142 360 100		2.3	1.2	150		11	12	100			B7G	T
2F85	412 365 100		2.4	0.2	275	150	10	10	100	100		B7G	P
2FV6	265 424 300		2.4	1	150	75	10	8	100	80		B7G	P
2PY5	142 360 100		2.4	1.2	150		11	12	100			B7G	T
2GK5	142 360 100		2.3	1.2	150		11	15	No Data Available			B7G	T
2H1	026 447 300		2.1		150		3.2	2.1	100		2.1	A08	TT
2H1M	026 447 300		2		150		1.2	1	100		1	A08	TT
2H4D	452 310 000	A1 A2	4		200	100	3.8	1.1	100	100	1.1	B5	PP
2HR8	501 236 014		2.1									B9A	P
2J2	230 232 032	D1	2		250	150	3	1.8	100	100		B9A	D

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
4BE6	412 366 100		4.2	2	100		11	7	100		5	B7G	H
4BL8	645 237 114		4.5	2	100		14	5	100		5	B9A	TP
4BN4	142 361 400		4	2	200	175	10	6.2	100	100			
4BN6	142 354 600		4.2	1	150		9	7	100		7	B7G	T
4BQ7A	741 236 410		4	2	60	60	0.5	1.0	80	60	1.0	B7G	P
					150		9	6.4	100		6	B9A	TT
4BS8	641 237 410		4.2	4.4	150		10	7.2	100		7	B9A	TT
4BU8	157 231 461		4.2	1	150	100	4	3.5	150	100	3.5	B9A	TP
4BX8	641 237 410		4.2	1	150		11	7.5	125			B9A	TT
4BZ6	412 365 100		4.2	1	100	100	12	8	100	100	8	B7G	P
4BZ7	741 236 410		4.2	2.2	150		10	6.8	100			B9G	TT
4BZ8	641 237 410		4.2	2	150		10	8	125		8	B9A	TT
4BZ11	741 236 410		4	2.2	150		10	6.8	100		6	B9A	TT
4C1	264 300 000		3	3	90		5	1	80		1	UX4	T
4C1A	264 300 000		3	3	90		5	1	80		1	UX4	T
4C2	642 310 000		4	5	150		11	2.5	125		2.5	B5	T
4C3	642 310 000		4	3.5	200		6	2.4	100		2	B5	T
4C4	642 310 000		4	3.5	200		6	2.4	100		2	B5	T
4C5	642 300 000		4	10	400		30	4	No Data Available			B4	T
4C101	023 004 060		4	45	250		60	6	100			P8	T
4C102	642 300 000		4	45	250		40	2	No Data Available			B4	T
4C103	642 300 000		4	35	250		45	3.5	No Data Available			B4	T
4CB6	412 365 100		4.2	1	150	125	13	8	125	125	8	B7G	P
4CE5	412 365 100		4.2	1	150	125	11	7.6	125	125	7.6	B7G	P
4CP6	412 365 100		4.2	2	200	150	9.5	6.2	100	100		B7G	P
4CP8	501 236 014		4.5	2	250	150	3	2	100	100		B9A	P
4CM4	641 234 146		3.6	1.5	200		12	14	No Data Available			B9A	T
4CS6	412 365 100		4	1	100	30	1	11	No Data Available			B7G	P
4CX7	641 237 410		4.2	10	150		9	6.4	150			B9A	TT
4CT5	412 365 100		4.2	1	150	80	10	8	125	75	8	B7G	P
4D1	000 231 600	G1	13	3	250		10	5	100		4	B7	T
4D80	642 310 000		4		100		2	1	100		1	B5	T
4DE6	412 365 100		4.2	1.1	150	125	15.5	8	100	100		B7G	P
4DK6	412 365 100		4.2	0.9	150	125	12	9.7	100	100	9.5	B7G	P
4DL4	414 234 464		4	1.2	150		12	14	No Data Available			B9A	T
4DT6	412 365 100		4.2		150	150	12	9	150	100	2	B7G	P
4DT6A	412 365 100		4.2		150	100	12	9	150	100	2	B7G	P
4E2	023 189 560	G1	4	14	250	275	72		100	100		8SC	DDP
4E4	023 110 560	G1	4	2	250	100	3	2.1	100	100		8SC	P
4E104	265 004 130		4	6	250	250	36	9	100	100		B8G	P
4E201	023 110 560		4	3	250	100	8	1.8	100	100		P8	P
4E87	141 230 651		4.4	2	200	100	12	12.5	100	100		B9A	P
4EJ7	141 230 651		4.4	2.5	200	200	10	15	No Data Available			B9A	P
4ER5	142 360 100		4.2	1.2	200		10	10.5	100			B9A	T
4ES8	741 236 410		4	1.2	90		15	12.5	No Data Available			B9A	TT
4EV6	412 365 100		4.2	0.8	150	125	11	14	No Data Available			B7G	P
4FC7	146 234 4117		3.8	1.2	90		15	12.3	80			B9A	T
4FS7	141 234 675		4.6	3	100		14	5.5	100	60		B9A	TP
				1.2	200	150	10	1.2	100	100			
4G30	892 300 000		4				15		D			B4	RR
4G105	892 300 000		4				30		REC	15mA		B4	RR
4G200	892 300 000		4				60		REC	20mA		B4	RR
4G5000	023 000 000	D1	4						D			P8	R
4GG1	892 300 000		4				30		REC	15mA		B4	RR
4GG2	892 300 000		4				60		REC	20mA		B4	RR
4GG3	892 300 000		4				120		REC	30mA		B4	RR
4GG4	023 080 090		4				30		REC	15mA		P8	RR
4GK5	142 360 100		4	1	150		11.5	15	No Data Available			B7G	T
4GM6	412 365 100		4.2		150	125	14	13	No Data Available			B7G	P
4GS8	156 231 471		4.2		100	75	2	1.2	100	75		B9A	PF
4GZ5	142 345 600		4		250	250	16	8.5	100	100		B7G	P
4H07	642 300 000		4		150		3	1.1	100		1	B4	T
4H07N	642 300 000		4		150		3	1.1	100			B4	T
4H08	642 300 000		4		150		5	1.2	100		1	B4	T
4H80	642 300 000		4		150		3	1.1	100		1	B4	T
4HS8	157 231 461		4.2		100	75	2	0.4	100	75	0.4	B9A	PF
4K30	642 300 000		4	10	150		20	3.6	100		3	B4	T
4K32	642 300 000		4	15	200		30	3.6	100		3.0	B4	T
4K50	642 300 000		4	20	200		60	5	No Data Available			B4	T
4K60	642 300 000		4	20	300		60	3.5	No Data Available			B4	T
4K61	642 300 000		4		300		3		No Data Available			B4	T
4K100	642 300 000		4	3	300	200	50	4	No Data Available			B4	T
4L11	642 300 000		4		150		7	1.4	100		1.0	B4	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
4L12	642 300 000		4		150		9	2	100		1.5	B4	T
4L13	642 300 000		4		200		8	2	100		2	B4	T
4L13A	642 300 000		4	11	200		14	2.5	100			B4	T
4L14	642 300 000		4		200		10	2.2	No Data Available			B4	T
4L15	642 300 000		4		100			2.2	100		2.2	B4	T
4L16	642 300 000		4	8	150		100	2.2	100		2.0	B4	T
4L20	642 300 000		2		100			1.4	100		1.4	B4	T
4L28	642 300 000		4	4	150		10.5	4	100		3	B4	T
4L29	642 300 000		4	8	150		20	3.6	100			B4	T
4LMBT	642 310 000		4	1	200		3.4	2.6	100		2	B5	T
4MBT	642 310 000		4	1	200		3.4	2.6	100		2.6	B5	T
4PF12	412 365 400		4	6	200	175	25	5.5	100	100		B7G	P
4N08	642 300 000		4		100		8	1.2	100		1.2	B4	T
4N100	642 310 000		4		150			3.5	100		3	B5	T
4N110	642 310 000		4		200		5	1.5	100		1.3	B5	T
4NG	892 300 000		4				30		REC		15mA	B4	RR
4P25	642 300 000	G2	4	19	250	150	12	1.3	100	100		B4	P
4R-1H12	741 236 410		4.2	1	90		8.5	8	80		8	B9A	TT
4R-1H18	641 237 410		4.2	1	100		16	16	No Data Available			B9A	TT
4R-1H19	641 237 410		4.2		90		16	16	No Data Available			B9A	TT
4S	289 130 000		2.5						D			UX5	DD
4S09	542 300 000	A1	4		200		1	0.6	100			B4	P
4S120	542 310 000	A1	4		200		2	0.7	100	100		B5	P
4S121	542 310 000	A1	4		200	100	6	1	100	100		B5	P
4S126	542 310 000	A1	4	2	200	100	3	2	100	100		B5	P
4T1	642 314 600		4.7		75		16	6.6	75			B7G	T
4THA	645 231 700	G1	4	{ 5	100		1.5	1.5	80	60	1.5	B7	TH
				2	250	100	3.5	2.5	100	100	2.2		
4TP	446 231 500	A2	4	5	150	150	16	4.5	150	100	4.5	B7	TP
4TPB	061 321 500	G1	4	3	250	150	12	8	100	100	7	B7	P
4TSA	045 231 600	A1	4		250	100	5	1.6	250	100	1.6	B7	P
4TSP	041 231 500	A1	4	3	250	150	12	8	100	100	7	B7	P
4T130	643 210 000		3.5		100			2.8	100			B5	T
4W03	642 300 000		4		80		0.04	1.1	80		1.1	B4	T
4W03N	642 300 000		4		200		0.4	1.1	100		1.0	B4	T
4W08	642 300 000		4		150				100			B4	T
4W100	642 310 000		4		200		1.5	3.5	100		3	B5	T
4W120	642 310 000		4		200		2	0.7	100			B5	T
4W200	642 310 000		4		150			3.3	100		3	B5	T
4X150A	512 141 314	A1	6.3	30	250	200	32	4.0	100	100		B9G	P
4XP	642 300 000		4	28.5	250		48	5			7	B4	T
4Z60A	023 080 090		4		30			REC			15mA	P8	RR
5A6	601 225 413		2.5	15	150	150	20		100	100		B9A	P
5A/102D	026 510 310	G1	7.5	18	200	150	42	2.5	100	100	2.5	A08	P
5A/136D	026 510 310	G1	7.5	5.5	250	150	5.2	2	100	100	2	A08	P
5A/137D	026 510 310		6.3	2	250	100	1.8		100	100		A08	P
5A/150A	265 113 00	G1	10	5.5	250	150	5.2	2	100	100	2	UX6	P
5A/152H	265 104 130		6	2	250	150	10	7.5	100	100	5	B8B	P
5A/155H	256 101 403		6	2	250	250		6.5	100	100	5	B9G	P
5A/156H	265 114 113		6	1.7	250	250	10	7.7	100	150	6	B9G	P
5A/157D	026 510 310	G1	6	2	250	100		1.8	100	100	1.8	A08	P
5A/159G	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/159H	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/160H	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/160K	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/163K	141 236 115		6	1.5	200	200	15	15	No Data Available			B9A	P
5A/170K	141 230 615		6.3	1.5	200	150	13	16.3	No Data Available			B9A	P
5A/171G	102 513 410	A1	6	5	100	100	20	2.7	100	100	2.5	B8D	P
5A/180M	412 365 400		6.3		200	150	26	32	No Data Available			B8G	P
5A/189M	412 361 500		6.3	2	250	250	10	7.6	100	100	5	B7G	P
5AN8	145 236 181		5	1.7	200	150	11.5	7.0	100	150	7.0	B9A	DP
5AN8	641 237 541		5	{ 6	200		13	3.3	100	60	3	B9A	TP
				2.2	200	150	9.5	6.2	100	100	6		
5AQ5	412 365 400		5	12.5	250	250	45.0	4.1	100	150	4.0	B7G	P
5AR4	*30 809 020		5				120		REC		30mA	A08	RR
5AS4	030 908 020		5				120		REC		30mA	A08	RR
5AS4A	020 908 030		5				120		REC		40mA	A08	RR
5AS8	451 238 116		5	2.2	200	150	9.5	6.2	100	150	6.0	B9A	DP
5AT4	070 809 020		5.0									A08	R
5AT8	461 237 514		5	{ 1	100		8.5	5.8	100	60	5	B9A	TP
				1.8	250	150	7.7	4.6	100	150	4		

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
5A1-4	020 809 030		5				180		REC		40mA	A08	R
5AVR	146 234 157		5	{ 6	200		13	3.3	100	60		B9A	TP
5AV4	020 809 030		5	{ 2.2	200	150	9.5	6.2	100	100			
5AVR	641 237 541		4.7	{ 6	200		13	3.3	100	60	3	B9A	TP
5AX4	020 809 030		5	{ 2.1	200	150	9.5	6.2	100	150	6	A08	RR
							60		REC		20mA		
5AZ4	020 809 030		5				60		REC		20mA	B8B	RR
5B1	542 300 000	A1	2	1	150	90	2	1.4	150	90	1.3	B9A	P
5BR	146 234 157		5	{ 6	200		13	3.3	100	60	3	B9A	TP
				{ 1.8	200	150	9.5	6.3	100	150	6		
5B/110M	265 104 130		6	6	250	150	38	6.5	100	100	5	B8B	P
5B/250A	254 130 000	A1	6	6	400	250	83	6.3	100	150	6	UX5	P
5B/251M	215 044 130	A1	6	15	250	250	72	6	100	100	5	B8B	P
5B/252M	265 044 130		6	15	250	250	72	6	100	100	5	B8B	P
5B/253M	265 044 130		19	15	250	250	72	6	100	100	5	B8B	P
5B/254M	215 144 130	A1	6	20	300	250	50	5.6	100	100	5	B8B	P
5B/255M	265 144 130		6	20	300	250	50	5.6	100	100	5	B8B	P
5B/256M	215 144 130	A1	19	20	300	250	50	5.6	100	100	5	B8B	P
5B/257M	265 144 130		12	20	300	250	50	5.6	100	100	5	B8B	P
5B/258M	215 144 130		19	14	250	250	72	6	No Data Available			B8B	P
5B/354D	*36 541 210		6.3	20	300	150	90	10	No Data Available			A08	P
5B/355D	*36 541 210		6.3	20	300	150	90	10	No Data Available			A08	P
5BC3	2*3 *9* **8		5				120		REC		40mA	B9A	RR
5BEH	461 237 414		4	{ 1	150		18	8.5	100	60	7	B9A	TP
				{ 1	250	100	10	5.2	150	100	5		
5BK7A	741 236 411		5	2	150		10.7	9.3	100		9	B9A	TT
5BQ7A	741 236 410		5.6	2	150		9	6.4	100		5	B9A	TT
5BR8	461 237 514		5	{ 1	150		18	8.5	100	60	8	B9A	TP
				{ 0.9	250	100	10	5.2	100	100			
5BS8	641 237 410		5.6		150		10	7.2	100			B9A	TT
5BTR	981 236 541		4.7	2.2	200	150	9.5	6.2	100	100		B9A	DDP
5BW8	918 234 156		4.7	1.1	250	100	10	5.2	100			B9A	DDP
5BX7	641 237 410		5.6		150		10	6.8	100		6.8	B9A	TT
5BZ7	741 236 410		5.6	2.2	150		10	6.8	100		6	B9A	TT
5CG4	030 809 020		5				60		REC		20mA	A08	RR
5CG8	461 237 514		4.7	{ 0.9	100		8.5	5.8	100	60	5.8	B7G	TP
				{ 1.9	250	150	7.7	4.6	100	100			
5CL8	461237 514		4.7	{ 0.9	150		15	8	100			B9A	TP
				{ 1	150	125	12	5.8	100	100	5.5		
5CM6	504 234 106		4.7	12.5	250	250	45	4.1	100	100	4	B9A	P
5CM8	641 237 514		4.7	{ 2	250		1.8	2	100	60		B9A	TP
				{ 2.2	200	150	9.5	6.2	100	100			
5CQ8	645 237 114		4.2	{ 0.8	150	125	15	8	100		8	B7G	TP
				{ 1	150		12	5.8	125	125	9.5		
5CR8	641 237 514		4.7	{ 2	125	125	13	7.7	100	100	7	B9A	TP
5CU4	120 809 030		5				180		REC		60mA	A08	RR
5CZ5	504 234 1*6		45	6.7	100	100	43	9	100	100		B9A	P
5DH8	461 237 514		5.2	{ 2.5	250		7	4.4	100	60	4	B9A	TP
				{ 1	150	125	13	8.6	125	125	8.6		
5DJ4	228 899 330		5.0				120		REC		40mA	A08	RR
5DNA	228 899 330		5				120		REC		40mA	A08	RR
5E255	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
5E415	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
5EA8	645 237 114		4.7	{ 1	150		18	8.5	100		8.5	B9A	TP
				{ 1	150	125	12	6.4	100	100	6.4		
5EH8	146 231 457		4.7	{ 1	150		13.5	7.5	100	60		B9A	TP
5ES8	641 237 410		5.6	1.2	90		15	12.5	100			B9A	TT
5EU8	745 231 415		4.7	{ 1	150		18	8.5	100	60		B9A	TP
5EW6	412 365 100		5.6	0.8	150	125	11	6.4	100	100			
							14	No Data Available				B7G	P
5FC7	146 234 117		5.1	1.2	100		15	12.3	No Data Available			B9A	TT
				{ 1	150		13	7.5	100	60	7	B9A	TP
5FG7	461 237 514		4.7	{ 1	150	125	11	6	100	100	6	B9A	TP
				{ 1	150		14	8	100	60	8	B9A	TP
5FY8	461 237 514		4.7	{ 1	150	125	12	6.5	100	100	6.5		
5GK18	020 809 030		5						REC			A08	RR
5GK20	030 809 020		5				120		REC		40mA	A08	RR
5GK22	030 809 020		5						REC			A08	RR
5GK24	030 809 020		5				120		REC		30mA	A08	RR
5GH8	645 237 114		4.7	{ 1	150		13	8.5	100	60		B9A	TP
				{ 1	150	125	12	7.5	100	100			
5GM6	412 365 000		5.6	56	150	150	14	13	No Data Available			B7G	P
5GX6	412 365 100		4.7		150	100	3.7	3.7	100	100		B7G	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
5J6	672 344 100		5	0.8	100		8.5	5.3	100		5.3	B7G	TT
5MK9	002 380 000		5	3	150		5	4.5	100		5.3	B7G	R
5MH3	672 344 100		4.7	1	100		11	7.5	100		20mA	B7G	TT
5M-1B3	142 360 100		4.7	1	100		11	7.5	100		7.5	B7G	T
5P29	120 540 310	A1	6	7	250	250	100	14.3	No Data Available		7.5	B7G	P
5Q5	036 540 320		1.4	4.6	90	90	4.5	2	80	75	2	A08	P
5R4	020 809 030		5(5.7)				60		REC		25mA	A08	RR
5R4GY	020 809 030		5(5.7)				60		REC		20mA	A08	RR
5R-DDH1	911 238 641		4.7	2	250		1.6	1.6	100		1.6	B9A	DDT
5RBS5	644 227 413		4.6	1	100		0.6	0.3	100		0.3	B9A	TT
5RK16	800 230 090		5				120		REC		30mA	B9A	RR
5T4	020 809 030		5				120		REC		30mA	A08	RR
5T4A	041 231 500	A1	4	4.5	250	150	4.5	1.7	100	100		B7	P
5T8	191 238 146		5	3	250		1.0	1.2	150		1.3	B9A	DDDT
5U4	020 809 030		5(5.7)				120		REC		70mA	A08	RR
5U8	645 237 114		5	1	150		18	8.5	100	60	7	B9A	TP
5V3	020 809 030		5	1	250	100	10	5.2	100	100	5		
5V4	030 809 020		5(5.7)				120		REC		30mA	A08	RR
5V6	026 540 310		4.7	12.5	250	250	45	4.1	100	150	4	A08	P
5W4	020 809 030		5				60		REC		20mA	A08	RR
5X3	289 300 000		5				15		REC		10mA	A08	RR
5X4	008 090 230		5				120		REC		30mA	A08	RR
5X8	146 231 457		5	1	100		8.5	5.8	100	60	5	B9A	TP
5Y3GB	030 809 020		5(5.7)	1.8	250	150	7.7	4.6	100	150	4		
5Y3GB	030 809 020		5(5.7)				60		REC		20mA	A08	RR
5Y3GT	020 809 030		5(5.7)				60		REC		20mA	A08	RR
5Y4	008 090 230		5				60		REC		30mA	A08	RR
5Y4SG	008 090 230		5				60		REC		20mA	A08	RR
5Z3	289 300 000		5(5.7)				120		REC		30mA	UX4	RR
5Z4	030 809 020		5(5.7)				60		REC		40mA	A08	RR
5Z4G	030 809 020		5(5.7)				60		REC		40mA	A08	RR
5Z10	020 908 030		5				120		REC		30mA	B8A	RR
6/30L2	741 236 410		6.3	7.9	200		10	3.4	100	100	3	B9A	TT
6A3	264 300 000		6	36	250		60	5.25	100		5	UX4	T
6A4	264 530 000		6	9	150	150	14	1.9	100	100	1.9	UX5	P
6A5	026 040 310		6	45	250		60	5.25	100		5	A08	T
6A6	274 146 300		6	5	250		3.0	1.6	100		3.1	UX7	TT
6A7	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sn7	H
6A7E	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sn7	H
6A7S	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sn7	H
6A8GT	026 545 310	G1	6	8	250	100	3.5	1.1	100	100	1.1	A08	H
6A10C	026 541 340		6		250	100	3.5		100	100		A08	H
6AB4	602 304 100		6	2	250		10	5.5	100		5.5	B7G	T
6AB6	026 740 310		6.3		250		34	1.8	100		1.8	A08	TT
6AB7	021 415 360		6	3	300	200	12.5	5	100	150	5	A08	P
6AB8	641 237 154		6	2	100		4	1.4	100	60	1.4	B9A	TP
6AC5	026 040 310		6	8	200	200	17.5	3.5	100	150	3.5		
6AC6	026 740 310		6	0	250		2.5		No Data Available			A08	T
6AC7	021 415 360		6		200		45	2	100		2	A08	TT
6AD4	402 013 080		6	2	300	150	10	9	100	100	8	A08	P
6AD5	026 040 310		6	11.5	100		1.4	2	100		2	B8B	T
6AD7	427 546 310		6	1	250		0.9	1.5	200		1.5	A08	T
6AD8	541 236 891		6	25	250		4	0.3	100	60	0.3	A08	TP
6AE5	026 040 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	TP
6AE6	026 740 310		6	2.0	250	90	6.7	1.1	100	90		B9A	DDP
6AE7	026 040 310		6	15	100		7	1.2	80		1.2	A08	T
6AE8	026 740 310		6	1.5	250		6.5	1	200		1	A08	TT
6AE9	026 414 310		6	13.5	250		10	3	100		3	A08	TT
6AF3	541 237 46*		6	2	100		5.2	2.2	100	60	2.8	B9A	TH
6AF4	*** 23* **8	C	6	2	250	90	3.5		150	90			
6AF4A	642 314 600		6	4	100		120		REC		40mA	B9A	R
6AF4A	642 314 600		6				15	6.6	80		6	B7G	T
6AF5	026 040 310		6	3	100		20	7.5	100		7.5	B7G	T
6AF6	026 040 310		6	18	200		7	1.5	100		1.5	A08	T
6AG5	412 365 100		6	1.5	250	150	6.5	5	100	100	5	B7G	P
6AG6	026 540 310		6	6	250	250	32	10	100	150	9	A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6AG7	120 415 360		6	3	300	150	30	11	100	100	410	A08	P
6AH4	420 060 310		6	23	250		30	4.5	100			A08	T
6AH5	520 604 310		6	18	350	250	54	5.2	100	150	5	A08	P
6AH6	412 365 100		6	2	300	150	10	9	100	100	8	B7G	P
6AR7	461 471 230		6	16	250		10	2.2	100		2.2	A08	TT
6AH7GT	417 146 230		6	9	250		12	2.4	100		2.4	A08	TT
6AJ4	414 464 234		6	2	125		8	7	100		10	B9A	T
6AJ5	412 369 100		6	7.5	200	175	2.9	2.7	100	75		B7G	P
6AJ7	020 415 360		6		300	150	10	9	150	150	7.5	A08	P
6AJ8	541 237 164		6	{ 3	100		5	2.3	100	60	2.3	B9A	TH
				2	250	100	6.5	2.4	150	100	2.4		
6AK4	402 013 060		6	2.5	250		9.5	3.8	100		3	B8D	T
6AK5	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
6AK6	412 365 100		6	9	200	175	15	2.3	100	100	2.3	B7G	P
6AR7	120 415 360		6	3	300	150	30	11	100	100	9	A08	P
6AK8	791 238 146		6	3	250		1.0	1.2	100		1.3	B9A	DDDT
6AL3	*** 23* **8	C	6						D			B9A	D
6AL5	192 310 800		6						D		6.0	B7G	DD
6AL6	020 540 310	A01	6	14	250	250	72	6	100	150	6	A08	P
6AL7	426 891 310		6	6	300				100			A08	DDDT
6AM4	414 464 234		6	1	200		10	9.8	100		6	B9A	T
6AM5	412 360 500		6	13.5	250	250	16	2.6	100	150	2.6	B7G	P
6AM6	412 361 500		6	{ 2	250	250	10	7.5	100	150	5	B7G	P
				1.5	200	150	4	6.4	100	150	5		
6AN8	145 236 181		6	1.7	200	150	11.5	7	100	150	7	B9A	DP
6AN8A	145 236 181		6	1.7	200	150	9.5	5.8	100	150	7	B9A	DP
6AN4	642 314 600		6	1.3	200		13	10	100			B7G	T
6AN5	412 365 100		6	6	150	125	35	8	100	100	7	B7G	P
6AN6	289 711 300		6						D			B7G	DDDT
6AN7	541 230 764		6	{ 2	100		5	2	100	100	2.8	B9A	TP
				2	250	100	3	0.7	100	60			
6AN8	641 237 541		6	{ 6	200		13	3.3	100	60	3	B9A	TP
				2.2	200	150	9.5	6.2	100	150	6		
6AN8A	641 237 541		6	{ 6	200		13	3.3	100	60	3	B9A	TP
				2.2	200	150	9.5	6.2	100	100	6		
6AQ4	412 314 600		6	2	250		6	8.5	200		8	B7G	T
6AQ5	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
6AQ6A	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
6AQ6	412 398 600		6	3	250		1.0	1.2	150		1.2	B7G	DDT
6AQ7	918 461 230		6	2	250		2.3	1.6	100		1.6	A08	DDT
6AQ8	741 236 410		6	2.3	250		10	5.5	100		5	B9A	TT
6AR5	412 365 000		6	16	250	250	34	2.4	100	150	2.4	B7G	P
6AR6	106 052 430		6	36	300	300	58	4.3	100	150	4.3	A08	P
6AR7	461 891 230		6	2	250		1.3	1	200		1	A08	DDT
6AR7GT	206 598 130		6	2	250	100	7	2.5	100	100	2.5	A08	DDP
6AR8	115 324 166		6	3	250	250	10	4	100	100		B9A	P
6AS4	001 080 230		6						REC			A08	R
6AS5	142 345 600		6	8.5	150	125	35	5.6	100	100	5	B7G	P
6AS6	412 365 100		6	2	150	125	5.5	3.5	100	100	3.5	B7G	P
6AS6	471 461 230		6	40	100		50	7	100			A08	TT
6AS7	471 461 230		6	40	100				No Data Available			A08	TT
6AS8	541 238 116		6	2.2	200	150	9.5	6.2	100	150	6	B9A	DP
6AT6	412 389 600		6	3	250		1	1.2	100		1.2	B7G	DDT
6AT7	641 237 410		6	{ 2	250		10	5.5	100	60	5	B9A	TT
				1	100		3.7	4	100		4		
6AT8	461 237 514		6	{ 1	100		8.5	5.8	100	60	5.8	B9A	TP
				1.8	250	150	7.7	4.6	100	150	4		
6AT8A	461 237 514		6	{ 1	100		8.5	5.8	100	60	5.8	B9A	TP
				1.8	250	150	7.7	4.6	100	100	4		
6AT4	001 080 230		6				120		REC		40mA	A08	R
6AT5	421 060 350		6	20	200	150	50	5.6	80	60	6	A08	P
6AU6	412 365 100		6	1	250	150	10	5.2	100	100	3.9	B7G	P
6AU6A	412 365 100		6	1	250	150	10	5.2	100	100	3.9	B7G	P
6AU7	641 227 413		3	8.5	250		10	2.2	100		2	B9A	TT
6AU8	146 231 457		6	{ 1.2	150		8.5	4.8	100	60	5	B9A	TP
				1.5	200	125	15	7	100	100	7		
6AU8A	146 231 457		6	{ 1.2	150		8.5	4.9	100	100	7	B9A	TP
				1.5	200	125	15	7	100	100	7		
6AV4	802 309 100		6				30		REC		15mA	B7G	RR
6AV5	421 060 350		6	22.5	250	150	57	5.9	100	100	5.8	A08	P
6AV6	412 389 600		6	2	250		1.2	1.6	100		1.2	B7G	DDT
6AVN	464 231 751		6	6	200		13	3.3	100	60	3	B9A	TP
6AN4	289 130 000		6	2.2	200	150	9.5	6.2	100	150	6		
							30		REC		15mA	UX5	RR

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
6AV5	208 190 310		6				30		REC		15mA	A08	RR	
6AV6	412 365 100		6	1.8	250	150	7	5	100	150	5	B7G	P	
6AV7	149 816 230		6	0	100		1.4	1.2	100		1.2	A08	DDT	
				2	200		4	4	100	60	4	B9A	TP	
6AV8	146 231 457		6	3	200	150	13	9	100	100	9	B9A	R	
6AX2	23* 232 *32	D1	6				120		REC		30mA	B9A	R	
6AX4	001 080 230		6				120		REC		35mA	A08	R	
6AX5	029 080 310		6				120		REC		20mA	A08	RR	
6AX6	028 190 310		6						REC		30mA	A08	RR	
6AX7	641 227 413		3	2	250		1.2	1.6	100		1.2	B9A	TT	
				1	150		18	8.5	100	60	8	B9A	TP	
6AX8	546 237 114		6	1.2	250	100	10	4.8	100	100				
6AT3B	*8* 23* 8*1		5				180		REC		60mA	B9D	R	
6AT3	*8* 23* 810		6				120		REC		30mA	B9A	R	
6AT5	023 540 310	A1	6	12.5	250	250	47	4.1	100	150	4	A08	P	
6AT8	026 589 310	G1	6	5	250	100	52	9.5	100	90	9	A08	DDP	
6AZ5	810 230 190		6						D			B8A	DD	
6AZ6	083 113 900		6						D			B8A	DD	
6AZ8	751 324 164		6	6	200		13	3.3	100	60	3	B9A	TP	
				2.3	200	150	9.5	6	100	100	6			
6B3	080 230 808	C	6						D			B9A	R	
6B4	026 040 300		6	45	250		60	5.2	100		5	A08	T	
6B4	036 040 200		6	45	250		60	5.2	No Data Available			B8A	T	
6B6	026 890 310	G1	6	2	250		0.9	1.1	100		1.1	A08	DDT	
6B7	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7	DDP	
6B7E	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7	DDP	
6B7S	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7	DDP	
6B8	026 985 310	G1	6	3	250	150	10	1.3	100	100	1.3	A08	DDP	
6B8G	026 985 310	G1	6	3	250	150	9	1.1	100	100	1.3	A08	DDT	
6B8SG	026 985 310	G1	6	3	250	150	9	1.1	100	100	1.2	A08	DDP	
				3	100		5	2.3	100	60	2.3	B9A	TH	
6B11	276 454 130		6		150	125	5		100	100		B7G	DD	
6B31	821 013 900		6.3						D			B7G	DD	
6B32	182 311 900		6.3				5		D			B7G	DD	
6BA3	*8* 23* 8*1		6.3				180		REC		35mA	B9A	R	
6BA5	402 063 510		6	2	100	100	5.5	2.1	100	100	2	B8A	P	
6BA6	412 365 100		6	1	250	100	11	4.4	100	100	4.4	B7G	P	
6BA7	641 231 106		6	2	100		18	7.0	100		7	B9A	H	
6BA8	146 231 457		6	8	200		8	2.7	100	60	5	B9A	TP	
				2.5	200	150	13	9	100	100	9			
6BA8A	146 231 457		6	8	200		8	2.7	100	60	2.5	B9A	TP	
				2.5	200	150	13	9	100	100				
6BC4	644 231 446		6	1.5	150		14.5	10	100		10.0	B8A	T	
6BC5	412 365 100		6	1.3	250	150	7.5	5.7	100	150	5.7	B7G	P	
6BC7	180 239 111		6				5		D			B9A	RRR	
6BC8	741 236 410		6	2.2	150		10.0	6.2	150		5	B9A	TT	
6BC32	412 389 600		6.3	2	250		1	1.6	100		1.2	B7G	DDT	
6BE5	421 060 350		6	12	200	200		5	100	100	5	A08	P	
6BD6	412 365 100		6	3	250	100	9	2	100	100	2	B7G	P	
6BE7	641 238 09*		6	3.0	250		1.0	1.2	150		1.2	B9A	DDT	
6BD7A	641 238 09*		6.3	3	250		1	1.2	150		1.2	B9A	DDT	
6BE6	412 365 400		6	1.5	250	100	3	2.75	100			B7G	H	
6BE7	541 236 114		6	1	250	20	0.95	0.7	No Data Available			B9A	N	
				1	150		18	8.5	100	60	8	B9A	TP	
6BE8	461 237 514		6	1	250	100	10	5.2	100	100				
6BF5	412 265 400		6	7.5	100	100	36	7.5	100	90	7	B7G	P	
6BF6	412 398 600		6	9	250		9.5	1.9	100		1.9	B7G	DDT	
6BF7	642 113 470		6	0.8	100		8	4.8	100		4.8	B8D	TT	
6BG6	021 040 350	A1	6	15	250	250	75	8	No Data Available			A08	P	
6BG7	742 113 460		6	0.8	100		8	4.8	100		4.8	B9A	TT	
6BH3	*8* 23* 8*1		6.3				180		REC		50mA	B9D	R	
6BH5	541 236 000		6	2.5	250	100	6	1.7	150	100	1.7	B9A	P	
6BH6	412 365 100		6	1	250	150	7.4	4.6	100	100	3.4	B7G	P	
6BH6	141 230 651		6.3	5	250	250	40	20	No Data Available			B9A	P	
				150			9.5	3.3	100	60		B9A	TP	
6BH8	146 32 457		6	1.6	200	125	15	7	100	100				
6BJ5	412 36* 500		6	5	250	250	35	10.5	100	150	10	B7G	P	
6BJ6	412 365 100		6	1	250	100	9.2	3.6	100	100	3.6	B7G	P	
6BJ7	110 239 181		6						D			B9A	DDI	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
6BJ8	645 237 114		6.3	8.5	250		10.5	2.2	100	60		B9A	TP
6BK8	811 239 641		6	3	250	100	3	1.6	100	100		B9A	DDI
6BK8	604 231 450		6	9	250		8	2.8	100			B9A	P
6BK6	412 389 600		6	5	250	250	35	8.5	150	8	1.6	B7G	DDT
6BK7	741 236 410		6	2	250		1.2	1.6	100		6.0	B9A	TT
			6	1.0	100		9	6.1	100				
6BK7A	741 236 410		6	2	150		10.7	9	100		9	B9A	TT
6BK7B	741 236 410		6	2	150		10.7	9	100		9	B9A	TT
6BK8	501 236 014		6		150	150	3	1.8	100	100		B9A	P
6BL4	**1 *8* 230		6				180		REC		40mA	A08	R
6BL7	471 461 230		6	9	250		40	7	100		6	A08	TT
6BL8	645 237 114		6	2	200	175	14	5	100	60	5	B9A	TP
6BR5	412 365 400		6	6	250	250	30	7	No Data Available	150	6	B9A	P
6BR8	414 237 516		6	1	200		3.7	2.5	100	60	2.5	B9A	TP
6BX4	142 361 400		6	16	200	200	35	6.4	100	100	6	B7G	T
6BX5	441 231 615		6	2.2	150		9	7	100	7	3.2	B9A	P
			6	10.8	250	225	26	3.2	100	150	3.2		
6BX6	142 354 600		6	1	60	60	0.5	1.0	80	60	1	B7G	P
6BX8	811 239 641		6.3	3	250		1.6	2.5	100		3.5	B9A	DDT
6BX8	026 895 310	G1	6	3	250	150	9	1.1	100	100	1.1	A08	DDP
6BP16	260 153 041		6.3		150	150	50	26	No Data Available			B9A	P
6BU5	*41 23* 6*5		6	7.3	250	250	48	11.3	100	150	10	B9A	P
6BQ6	020 540 310	A1	6	22.5	250	150	57	5.9	100	100	5	A08	P
6BQ7	741 236 410		6	2	150		9	6	150		6	B9A	TT
6BQ7A	741 236 410		6	2	150		9	6	100		5	B9A	TT
6BR7	041 230 651		6	3	250	100	2	1.2	100	100	1.2	B9A	P
6BR8	461 237 514		6	1	150		18	8.5	100	60	8	B9A	TP
			6	0.8	250	100	10	5.2	100	100			
6BR22	601 420 135		6.3		150	125	25	31	No Data Available			B9A	P
6BS1	*8* 23* 8*1		6.3				180		REC		40mA	B9D	R
6BS4	642 314 600		6	4	100		16	8	100		8	B7G	T
6BS5	541 236 **1		6	7.5	250	250	50	7	100	100		B9A	P
6BS7	001 230 651	G1	6	3	250	100	2	1.2	100	100	1.2	B9A	P
6BS8	641 237 410		6	2.2	150		10	7.2	100		7	B9A	TT
6B14	280 009 130		6				30		REC		15mA	B8A	RR
6B16	412 389 600		6	3	250		1	1.2	150		1.2	B7G	DDT
6B18	891 236 541		6	2.2	200	150	9.5	6.2	100	100		B7G	DDP
6B16	412 389 600		6	9	150		9.5	1.9	100		1.9	B9A	DDT
6BK8	157 231 461		6		100	60	2.2	1.5	100	60		B9A	PP
6BY7	865 239 141		6	5	250	250	38	10	100	150	10	B9A	DDP
6BY8	146 239 118		6	3.7	200		11	5.6	100			B9A	DDT
6BK4	800 230 901		6				30		REC		15mA	B9A	RR
6BN6	*41 230 651		6	13	300	225	34	3.7	100	150	3.7	B9A	P
6BX7	141 230 651		6	2.4	250	250	9.7	8.2	100	100	7	B9A	P
6BX8	918 234 156		6.3	1.1	250	100	10	5.2	100	100		B9A	DDP
6BX4	802 309 100		6				30		REC			B7G	RR
6BX6	141 230 651		6	3	200	200	8	7.2	100	100	7	B9A	P
6BX7	471 461 230		6	16.4	250		42	7.6	100		6	A08	TT
6BX8	641 237 410		6	5	150		11	7.5	125		7	B9A	TT
6BT5	120 980 310		6				60		REC		20mA	A08	RR
6BT6	412 365 400		6	2.5	250	100	6.5	2.4	100	100	2	B7G	H
6BT7	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
6BY8	411 238 651		6.3	1.1	100	100	5	3.9	100	150	10	B9A	DP
6BZ6	412 365 100		6		100	125	14	8	125	125	7	B7G	P
6BZ7	741 236 410		6	2.2	150		10	6.8	100		6	B9A	TT
6BZ8	641 237 410		6	1	150		10	8	125		8	B9A	TT
6C2C	026 447 300		6.3	8	250		9	2.6	100			A08	TT
6C3M	026 040 300		2	2.5	150		1.5	1.3	100		1.3	A08	I
6C4	602 364 100		6	8.5	250		10.5	2.2	100		3	B7G	T
6C4C	026 040 300		6.3		250		60	5.2	100			A08	T
6C5	026 040 310		6	8	250		8	2	100		2	A08	T
6C6	265 113 00	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
6C7	260 891 300	G1	6	9	250		4.5	1.2	100		1.2	Se7	DDT
6C8	026 147 310	G1	6	4.5	250		3.2	1.6	100		1.6	A08	TT
6C9	276 454 130		6	2.5	100		5	3	100	60	3	B8A	TH
			6	2.5	150	100	8	2.5	100	100	2.5		
6C10	276 454 130		6	2	100		5	2.2	100	60	2.8	B8A	TH
			6	2	250	100	8	2.4	100	100	3.5		
6C12	541 237 164		6.3	3	100		3	2	100	60	3	B9A	TH
			6	2	250	100	6.5	2.4	100	100	2.4		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE		
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V				
6C16	645 237 114	G1	6	2	100	14	5	100	60	B9A	TP				
			2	200	175	10	6.2	100	100						
6C31	027 546 310		6	4	100	7	3.4	100	60			3	A08	TH	
6C31	412 344 600		6.3	15	150	60	12	No Data Available	B7G			T			
6CA4	8+1 23+ 9**		6			20mA	REC		B9A			RR			
6CA5	142 345 600	6	4.5	150	125	36	9.2	125	125	9.2	B7G	P			
6CA7	126 540 310	A1	6	14.5	250	250	57	8.5	100	100	9	A08	P		
6CB6	412 365 100		6	1	150	125	13	8	100	150	6	B7G	P		
6CB6A	412 365 100		6.3	2	200	150	9.5	6.2	100	100		B7G	P		
6C10	461 471 230		6.3	9	250	6.5	2.2	100	3		B8A	TT			
6C31	672 344 100		6.3		200	6	3	100	4		B7G	TT			
6C40	641 237 410	A1	6.3	8.5	250	10.5	2.2	100	3	B9A	TT				
6C41	741 236 410		6.3	1.5	250	2.3	2	100							
6C42	214 607 413		6.3	2	150	8	5.2	100	5.5						
6C43	641 237 410		6.3	2.3	250	10	5.9	100							
6C46	021 040 350		6	30	200	175	75	7.7	100			100	7	A08	P
6C85	412 365 100	A1	6	1	200	125	11	7.6	125	125	7.6	B7G	P		
6C85	402 365 100		6.3		150	125	11	7.6	100	100		B7G	P		
6C85	412 365 100		6	1	200	125	12	7.8	100	150	6	B7G	P		
6C88	501 236 014		6	2	250	150	3	1.85	100	100		B9A	P		
6C86	412 365 100		6	8	250	150	9	2	100	100		B7G	P		
6C87	641 237 410	A1	6	8	250	9	2.6	100	3	B9A	TP				
				100	8.5	5.8	100	60	5.9						
6C88	461 237 514		6	2	250	150	7.7	4.6	100			150	4		
			6		100	8.5	5.8	100	60				B9A	TP	
6C88A	461 237 514		6		250	150	7.7	4.6	100			100			
6CH6	041 230 651	A1	6	4.5	250	250	40	11	100	150	9	B9A	P		
6CH7	741 236 410		6	2.2	150	10	6.8	150	6		B8A	TT			
6CH8	175 321 446		6	2	200	13	3.3	100	60	4.9	B9A	TP			
			6	2.2	200	150	9.5	6.3	100	150	5	B9A	TP		
6CH40	541 237 464		6.3	2	100	4.5	2	100	60		B9A	TH			
				250	10	3.2	100	100							
6C85	260 054 130	A1	6	2.5	250	100	6	2.2	100	100	2.2	B8A	P		
6C86	041 230 051		6	6	200	200	45	6.2	No Data Available		B9A	P			
6C84	424 050 310		6	28	250	40	5.5	No Data Available			A08	T			
6C85	261 054 130		6	7	250	250	36	10	100	150	8	B8A	P		
6C86	541 231 600		6	5.5	250	250	36	10	100	150	9	B9A	P		
6CL5	521 441 350	A1	6.3	40	150	150	80	6.3	100	100		A08	P		
6CL6	145 236 154		6	3	250	150	30	11	No Data Available				P		
6CL8	461 237 514		6	0.8	150	15	8	100	60	8	B9A	TP			
				1.0	150	125	12	5.8	100	100			5		
6CL8A	461 237 514		6	0.8	150	15	8	100	60	8			B9A	TP	
6CH4	641 234 146	A1	6	1	150	125	12	5.8	100	100	5	B9A	TP		
				200	12	14	No Data Available		B9A	T					
6C86	504 234 106		6	12.5	250	250	45	4.1	100	100	4	B9A	P		
6C87	701 236 441		6	7	200	5	2	100	60	2.8	B9A	TT			
				8	250	20	4.4	2	100	100			4.7		
6C88	641 237 514	A1	6	2	250	1.8	2	100	60	B9A	TP				
				200	150	9.5	6.2	100	100						
6C85	026 540 310		6.3	18	350	250	66	5.2	No Data Available				A08	P	
6C86	120 540 310		6	7	250	250	100	14.3	100			150	10	A08	P
6C87	981 331 462	A1	3	3	250	1	1.2	100	1.3	B7G	DDT				
6C84	**1 080 230		6.3		180		REC	30mA	A08			R			
6C86	412 361 500		6	2.5	250	200	8	2.5	100			150	2.5	B7G	P
6C88	645 237 114		6	0.8	150	15	8	100	8				B9A	TP	
6C88A	645 237 114		6	0.8	150	15	8	100	60			8			
			1	150	125	12	5.8	125	125	5.8	B9A	TP			
			0.8	150	15	8	100	60	8	B9A	TP				
			1	150	125	12	5.8	125	125	5.8	B9A	TP			
6C84	414 464 234	A1	6.3	1	150	16	6	No Data Available		B9A	T				
6C85	154 231 541		6.3	22.5	250	150	65	6	100	100		B9A	P		
6C86	182 365 400		6	2	250	100	9.5	2	250	100	1.9	B7G	DT		
6C88	641 237 514		6	2	150	12	4	100	60	4	B9A	TP			
6C85	514 234 1*6		6		150	125	13	7.7	100	100			7		
6C86	412 365 100	A1	6	10	200	125	47	8	100	100		B9A	P		
6C86	412 365 100		6	1	100	30	1	1.1	No Data Available		B7G	HT			
6C87	604 237 411		6	8.5	250	10.5	2.2	100	2		B9A	TT			
				10.6	250	19	4.5	100	4						
6C88	641 237 514	A1	6	2	150	12	4	100	60	4	B9A	TP			
				0.9	150	125	13	7.7	100	100			7		
6C84	411 231 146		6.3	1	150	16	15	No Data Available		B9A			TT		
6C87	268 154 130		6	2	250	100	5	1.8	100	100			1.8	B8A	DP
6CL5	142 345 600	A1	6	8	125	100	50	7.5	125	100	7.5	B8G	P		
6CL6	020 540 310		6	22.5	250	150	57	5.5	100	100	6	A08	P		
6CL7	276 454 130		6	2	100	5	2.2	100	60	2.8	B8A	TH			
				2	250	100	8	2	100	100			3.5		
6CL8	175 321 446		6	6	200	13	3.3	100	60	3			B9A	TP	
6C87	264 089 130	A1	6	2.2	200	150	9.5	6.2	100	150	6	B9A	TP		
				3	250	1	1.3	150	1.3		B8A	DDT			

VALVE	SELECTOR SWITCH No.	T.C.	W	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
6CV7	147 234 116		6	1.5	90		12	6	100		6	B9A	TT	
6CX7	541 237 411		6	2	150		9	6.4	100		6	B9A	TT	
6CX8	146 231 457		6	1.5	150		9	4.6	100	60	4.6	B9A	TP	
6CT5	412 365 100		6	2	200	125	24	10	100	100		B7G	P	
6CT7	714 236 411		6	1	150	75	10	8	100	80		B9A	TT	
			6	3	250		1.2	1.3	100		1.5	B9A	TT	
			6	18.5	150		30	5.4	100					
6CZ5	504 234 1*6		6	14	250	250	46	4.8	100	100		B9A	P	
6D1	123 000 000	D1	6						D			B3G	D	
6D2	192 310 800		6						D			B7G	RR	
6D3	812 380 000		6						D			B7G	R	
6D5	026 040 310		6	40	300		31	2.1	100		2.1	A08	T	
6D6	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	Sm7	P	
6D7	265 101 300		6	3	250	100	2	12.2	100	100		A08	P	
6D8	027 546 310	G1	6	3	150		4.2		100	60		A08	H	
			6	3	250	100	3.5		150	100		A08	R	
6DA4	**1 080 230		6	2	250	100	120		REC		30mA	A08	R	
6DA6	041 230 651		6	2	250	100	9	3.6	100	100	3.6	B9A	P	
6DA7	604 237 411		6	8	250		9	2.6	100			B9A	TT	
			6	17.5	150		40	5.7	100					
6DB5	514 234 1*6		6	9.6	200	125	46	8	100	100		B9A	P	
6DB6	412 365 100		6	1	150	150	5.8	2	100	100		B7G	P	
6DC6	412 365 100		6	2.2	200	150	9.5	5.5	150	100	5	B7G	P	
6DC8	541 236 891		6	2	250	100	9	3.8	100	100		B9A	DDP	
6DDBY1	145 237 864		6	2	250		91	1.6	100	50		B9A	DTF	
			6	1	250	100	9	3.5	100	100				
6DE4	001 080 230		6				120		REC		30mA	A08	R	
6DE6	412 365 100		6	1.1	150	125	16	8	100	100	8	B7G	P	
6DE7	744 236 411		6	17.5	150		32	6.5	100			B9A	TT	
			6	11	250		5.5	2	100					
6DG6	026 540 310		6	7.5	200	125	47	8	100	150		A08	P	
6DG7	041 230 651		6	20	250	100	11	4.4	100	100	5	B9A	P	
6DJ8	641 237 411		6	1.3	90		15	12.5	No Data Available	B9A		B9A	TT	
6DK6	412 365 100		6	0.9	150	125	12	9.8	100	100	9.5	B7G	P	
6DL4	414 234 464		6		150		12.5	14	No Data Available	B9A		B9A	T	
6DL5	412 365 400		6	7.3	250	225	26	5.5	100	100		B7G	P	
6DM4	001 080 230		6				180		REC		35	A08	R	
6DN6	021 040 350	A1	6	18	200	125	70	9	100	100		A08	P	
6DN7	461 471 230		6	9.5	250		34	7.4	100			A08	TT	
6DQ5	421 541 350	A1	6	17.5	150	100	10.5		No Data Available	A08		A08	P	
6DQ6	020 540 310	A1	6	22.5	250	150	75	6.6	125	100		A08	P	
6DR4	123 000 000	D1	6						D			B3G	D	
6DR6	*41, 23* *51		6	23	200	175	45	6.6	100	100		B9A	P	
6DR7	644 237 411		6	17.5	150		35	6.5	100			B9A	TT	
			6	3	250		1.4	1.6	100					
6DR8	541*236 891		6		12	12	45		No Data Available	B9A		B9A	DDP	
6DS5	412 365 100		6	8.5	250	200	29	5.8	100	100		B7G	P	
6DS8	541 237 564		6		12		0.7	1.4	No Data Available	B9A		B9A	TP	
			6.3		12	12	0.4	0.7						
6DT5	504 230 1*6		6.3	16.5	250	250	38	6.5	100	100		B9A	P	
6DT6	412 365 100		6.3	2.2	150	100	11	0.8	150	100	2	B7G	P	
6DT8	741 236 410		6.3	2.5	250		10	5.5	100		4	B9A	TT	
6DW4	*8* 23* 8*1		6.3				180		REC		40mA	B9D	R	
6DV5	504 234 106		6.3	22.5	200	150	55	5.5	100	100		B9A	P	
6DT7	041 230 605		6.3	12.5	250	150	50	6	100	100		B9A	P	
6DZ4	642 314 600		6.3	0.3	75		15	6.7	80		7.5	B7G	T	
6DZ7	426 517 310		6.3	7.3	250	250	48	11.3	No Data Available	A08		PP		
6DZ8	414 237 516		6		150		0.8	1.4	100	60	1.4	B9A	TP	
			6		150	125	45	7.5	100	100				
6E4	541 237 464		6.3	2.6	200		5.4		100	60		B9A	TH	
			6		200	100	3.7		100	100				
6E6	274 146 300		6	27.5	250		18	1.7	100		1.7	UX7	TT	
6E7	265 101 300	G1	6	2	250	100	8.2	1.6	100	100	1.6	Sm7	P	
6ENG	027 546 310	G1	6	4.8	150		3.3	2.8	100	60	1.9	A08	TH	
			6	2.3	250	100	2.3	3.5	100	100				
6E102	602 301 450		6.3	7	250	250	72	15	No Data Available	PS		P		
6EA5	412 365 100		6.3	1	250	150	10	8	No Data Available	B7G		P		
6EA7	461 471 230		6.3	25	200		48	6.5	No Data Available	A08		TT		
6EA8	645 237 114		6.3	1	150		18	8.5	100	60		B9A	TP	
6EB5	182 310 900		6.3	1	125	125	12	6.4	100	100	6	B7G	DD	
							7		D					

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6EB8	146 231 457		6	2	250		2	2.7	100	60	2.5	B9A	TP
6EP6	026 540 310		6.3	2	200	125	25	12	100	60			
6EH5	142 345 600		6	3.2	100	125	42	14.6	100	125			
6EH6	412 365 100		6	1	250	150	7.4	4.6	100	150	4	B7G	P
6EH7	141 230 651		6.3	2	200	90	12	12.5	No Data Available			B9A	P
6EHR	146 231 457		6	1	150	13	7.5	100	60	7.5		B9A	TP
6EJ7	141 230 651		6.3	2.5	200	125	10	6	100	100	6		
6EL7	141 230 651		6.3	1.8	200	175	10	8.8	No Data Available			B9A	P
6EM5	504 234 106		6	18	250	250	35	5.1	100	100		B9A	P
6EM7	471 461 230		6.3	20	150	50	1.4	7.2	100			A08	TT
6EQ7	141 235 680		6.3		100	100	9	3.9	100	100		B9A	DP
6ER5	142 361 *10		6.3	1.2	200	10	10.5	100				B7G	T
6ES5	142 360 100		6.3	1	200	15	9.5	100				B7G	P
6ES6	412 365 100		6.3	0.7	12	12			No Data Available			B9A	P
6ES8	641 237 410		6.3	1.2	90	15	12.5	100				B9A	TT
6ET6	412 365 100		6.3	1	12	12	4.8	3	No Data Available			B7G	P
6ET7	189 231 456		6.3		200	150	25	11.5	No Data Available			B9A	DDP
6EU7	230 146 741		6.3	2	250		1.2	1.6	100			B9A	TT
6EU8	746 231 415		6	1	150	18	8.5	100	60			B9A	TP
6EV5	265 424 300		6.3	1	150	100	12	6.4	100	100			
6EV6	641 237 410		6.3	2	250		9.2	5.2	100			B9A	TT
6EV7	641 237 410		6.3	2.0	250		9.2	5.2	100		5.0	B9A	TT
6EV6	412 365 100		6	0.8	150	125	11	14	No Data Available			B7G	P
6EV7	744 236 411		6.3	17.5	150	45	7.5	100				B9A	TT
6EX4	802 309 100		6	11	250		5.5	2	100			B9A	RR
6EX6	021 040 350	A1	6.3		200	150	67	7.7	100	100		A08	P
6EY6	026 540 310		6.3	17.5	250	250	44	4.4	No Data Available			A08	P
6EZ5	026 540 310		6.3	20	250	250	43	4.1	No Data Available			B8A	P
6EZ8	144 127 464		6.3	1	150		4.2	4.2	100		4.2	B9A	TT
6F1	261 514 130		6	1.8	200	200	10	9	100	60	8	B8A	P
6F5	020 600 310	G1	6	2	250		0.9	1.5	100		1.5	A08	T
6F6	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
6F7	275 641 300	G1	6	3	100		3.5	0.5	100	60	0.5	Sm7	TP
6F7B	275 641 300	G1	6	3	100	100	6.3	1	100	100	1		
6F7B	275 641 300	G1	6	3	100	100	3.5	0.5	100	60	0.5	UX7	TP
6F7E	275 641 300	G1	6	3	100	100	6.3	1	100	100	1		
6F7E	275 641 300	G1	6	3	100	100	3.5	0.5	100	60	0.5	UX7	TP
6F7E	275 641 300	G1	6	3	100	100	6.3	1.05	100	100	1.05		
6F7M	023 756 410	G1	6	3	100		3.5	0.5	100	60	0.5	UX7	TP
6F8	027 146 310	G1	6	3	100	100	6.3	1	100	100	1		
6F10	021 415 360		6.3	8	250		9	2.6	100		2.6	A08	TT
6F11	260 154 130		6.3	2	300	150	10	9	100	100		A08	P
6F12	412 361 500		6	1.8	250	100	4.4	2.2	100	100	2.2	B8A	P
6F12	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	P
6F12	412 361 500		6	1.5	200	150	4	6.4	100	150	5		
6F13	260 154 130		6	1.8	200	200	10	9	150	150	8	B8A	P
6F14	260 154 130		6	1.25	150	150	28	10.6	100	100	8	B8A	P
6F15	261 154 130		6	2.5	250	100	7	2.3	100	100	2.3	B8A	P
6F16	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P
6F17	412 361 500		6	5	100	100	12.5	4.0	100	100		B7G	P
6F18	141 230 651		6	1.3	200	100	12	4.5	125	100		B9A	P
6F19	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
6F20	141 230 651		6.3	2	200	175	10	6	100	100		B9A	P
6F21	412 361 500		6	2.5	250	200	7.8	2.5	100	100		B7G	P
6F22	501 236 014		6	2	250	150	3	1.8	100	100		B9A	P
6F23	141 231 651		6.3	2	200	175	10	9.2	100	100		B9A	P
6F24	141 230 651		6.3		200	200	10	15	No Data Available			B9A	P
6F25	141 230 651		6.3		200	200	11.5	12.5	No Data Available			B9A	P
6F26	141 230 651		6.3	2	250	100	10	6	100	100	6	B9A	P
6F28	*41 234 650		6.3	2.9	200	200	10	12.5	100	100		B9A	P
6F29	141 230 651		6.3	2	200	90	12	12.5	No Data Available			B9A	P
6F30	141 230 651		6.3	2.5	200	200	10	15.4	No Data Available			B9A	P
6F31	412 365 100		6.3	1	250	100	11	4.2	100	100		B7G	P
6F32	412 365 100		6.3		200	125	8	4.6	100	100		B7G	P
6F32	216 510 030	G1	6	4.5	200	200	5.1	3	100	150	3	M08	P
6F32V	412 365 000		6.3	3	150	150	7	4.3	100	100		B7G	P
6F33	412 361 500		6.3	2	125	125	5.2	3.5	100	100	3	B7G	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
6F35	412 365 100		6.3		40	30	2.7	2.7	No Data Available			BTG	P
6F36	412 365 100		6.3		300	150	10	9	No Data Available			BTG	P
6F40	111 231 654		6.3	2	250	150	3	2	100	100		B9A	P
6F41	141 230 651		6.3	2.0	150	150	10	7.4	100	100	6	B9A	P
6F60	041 230 665		6.3	23	250	200	55	5	100	100		B9A	P
6F80	541 231 600		6.3		200	200	36	10	100	100		B9A	P
6F87	146 234 017		6.3	1.2	90		15	12	No Data Available			B9A	TT
6F86	412 365 100		6.3		12	12		1.4	No Data Available			BTG	P
6FD7	644 237 411		6.3	17.5	150		45	7.5	100			B9A	TT
6FD12	541 236 891		6.3	2	250	100	9	3.8	100	10Q	1.6	B9A	DDP
6FE5	026 540 310		6.3	12.5	100	100	94	9.5	No Data Available			A08	P
6FG5	412 365 100		6.3	0.2	250	250	9	9.5	No Data Available			BTG	P
6FG7	461 237 514		6.3	1	125		13	7.5	100	60	7	B9A	TP
6FH5	142 360 100		6.3	1	125	125	11	6	100	100	6	BTG	T
6FH6	020 540 310	A1	6.3		150		9	100	100			A08	P
6FH8	146 234 517		6.3	1	100		7.9	5.5	100	60	5	B9A	TP
6FJ8	210 541 380	A1	6.3	2	250	250	7.3	4.4	100	100		A08	DDP
6FLD12	541 236 891		6.3	22.5	250	150	75	6.6	100	100		B9A	DDP
6FM8	181 239 146		6.3	2	250	100	9	3.8	100	100		B9A	DDT
6FN5	521 441 350		6.3	3	250		1	1.2	100			B9A	DDT
			6.3	22.5	200	150	100	10	No Data Available			B8A	P
6FR7	644 237 411		6.3	3	250				100			B9A	TT
6FQ5	142 360 100		6.3	20	150		50	5.4	100			BTG	T
6FQ7	741 236 410		6.3	1.2	150		11	11	No Data Available			B9A	TT
6FR7	644 237 411		6.3	8	250		9	2.6	100			B9A	TT
6FS5	412 365 100		6.3	3	250		1.4	1.6	100		1.5	B9A	TT
			6.3	20	150	50	7.2	100	No Data Available			BTG	P
6FV6	402 365 100		6.3	0.2	300	150	9	10	No Data Available			BTG	P
6FV8	461 237 514		6	1	150	75	10	8	100	80	8	B9A	P
			6	1	150		14	8	100	60	8	B9A	TP
6FW5	421 060 250		6.3	1	150	125	12	6.5	100	100	6.5	A08	P
6FX4	741 236 410		6.3	22.5	250	150	65	7.3	100			A08	P
	902 309 100		6	1.2	100		15	13	No Data Available			B9A	TT
					30				REC	15mA		BTG	RR
6FT5	142 360 100		6.3	1	150		11	13	No Data Available			B9A	T
6FT8	455 237 461		6	1.5	150		2.5	2	100	60		B9A	TP
			6	13.5	150	125	50	7	100	100		B9A	TP
6G6	026 540 310		6	9	200	175	15	2.3	100	100	2.3	A08	P
6G7	026 985 310	G1	6	3	250	125	10	1.3	100	100	1.3	A08	DDP
6G8	026 985 310	G1	6	3	250	125	9	1.1	100	100	1.1	A08	DDP
6GA4	026 040 310		6.3	18.5	250		50	7	100			A08	T
6GA8	641 237 410		6.3		250		8		100			B9A	TT
6GA8	426 040 310		6.3	18.5	250		50	7	100			A08	T
6GB3A	020 540 310	A1	6.3	7.7	100	100	100	14	No Data Available			A08	P
6GB6	020 540 310	A1	6.3	22.5	250	150	6.5	6	100	100		A08	P
6GE7	020 540 310	A	6.3	7.7	100	100	100	14	No Data Available			A08	P
6GB9	020 540 310	A1	6.3	22.5	250	150	75	6.6	125	100		A08	P
6GC5	514 234 156		6.3	7.5	100	100	50	8	100	100		B9D	P
6GC6	021 540 350	A1	6.3	22.5	250	150	75	6.6	100	100		A08	P
6GE8	514 236 147		6.3	21	150		35	5	100	60		B9A	TP
			6.3	2	150	150	5.5	3.2	100	100		B9D	TT
6GF7	141 237 064		6.3	3	250		1.4	1.6	100			B9D	TT
			6.3	20	150		50	7.2	100			B9D	TT
6GG6	802 300 190		6				30		REC	15mA		P8	RR
6GH8	645 237 114		6	1	150		13.5	8.5	100	60		B9A	TP
6GJ5	541 234 5**	A1	6.3	1	150	125	12	7.5	100	100		B9D	P
6GJ8	645 237 114		6.3	22.5	250	150	70	7.1	100	100		B9D	P
6GK5	142 360 100		6.3	1	150		13.5	8.5	100	60		B9A	TP
			6.3	1	125	125	12	7.5	100	100		B9A	TP
6GK6	141 230 651		6.3	1	150		11.5	15	No Data Available			BTG	T
6GK17	001 080 230		6.3										
6GM5	500 234 106		6.3	7.3	250	250	48	11.3	100	100		B9A	P
6GM6	412 365 100		6.3				120		REC	30mA		A08	R
6GN6	412 365 800		6.3	10	300	300	60	10.2	No Data Available			B9A	P
			6.3	56	150	125	14	13	No Data Available			BTG	P
			6.3	68	250	100	11	4.4	100	100		BTG	DP
6GN8	146 231 457		6.3	2	250		2	2.7	100	60	3	B9A	TP
6GQ7	11* 239 181		6.3	3	200	150	25	11.5	100	100		B9A	TP
6G88	156 231 471		6.3		100	75	2	1.2	P	75		B9A	DDP
6GT5	541 234 5*6		6.3	42	250	150	70	7.1	100	100		B9D	P
6GU5	412 365 100		6.3	0.4	150	150	9	15	100	100		BTG	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE		
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V				
6GV7	657 231 414		6.3	{ 1.5 0.6 1.7 7	100	150	14	5.5	100	60	5	{B9A	TP		
6GV8	641 237 514		6.3		15	200	175	11	5	100	100		9	B9A	TP
6GV8	415 237 146		6.3		250	250	36	1.2	1.6	100	60		1.5	B9A	TP
6GX6	412 365 100		6.3		150	100	3.7	3.7	100	100		B7G	P		
6GT6	412 365 100		6.3		150	100	3.7	3.7	100	100		B7G	P		
6GT8	414 236 117		6.3		150		4.5	4.6	100		4	B9A	TT		
6H1	412 360 500		6	1.8	250	100		2.1	100	100	2	B7G	H		
6H4	020 800 310		6							D			A08	D	
6H6	029 180 310		6							D		4	A08	DD	
6H7C	026 447 310		6.3	5	250		3	1.6	100			A08	TT		
6H7G	126 447 310		6.3		300		35	3.7	100			A08	TT		
6H8C	461 471 230		6.3	8	250		9	3	100			A08	TT		
6H8G	026 985 310	G1	6	2	250	125	8.5	2.4	100	100	2.4	A08	DDP		
6H8HG	026 985 310	G1	6	2	250	125	6	1.8	100	100	1.8	A08	DDP		
6H9C	461 471 230		6.3	2	250		2.2	1.6	100			A08	TT		
6H10C	064 471 230		6.3	2	250		2	1.3	100		1.3	A08	TT		
6H13C	461 471 230		6.3	30	90		80	5	No Data Available			A08	TT		
6H31	412 365 100		6.3		250	100	3		100	100		B7G	H		
6HA5	412 360 100		6.3	1	150		11.5	14.5	No Data Available			B7G	T		
6HB6	141 230 651		6.3	33	250	125	40	24	No Data Available			B9A	T		
6HC8	414 237 516		6.3	{ 3 18 2	250		1.4	2	100	60		{B9A	TP		
6HP8	146 231 457		6.3		200	250	38	5.1	100	100			B9A	TP	
6HG8	141 234 675		6.3		100	125	25	12.5	100	100			B9A	TP	
6HJR	145 236 181		6.3	{ 1.2 6 1	200	150	10	6	100	60	6.5	{B9A	TP		
6HJR	641 237 410		6.3		150	125	11.5	9.3	100	100				B9A	DP
			6.3		90		8.5	8	100				8	B9A	TT
6HM5	412 360 100		6.3	1.2	150		12.5	14.5	No Data Available			B7G	T		
6HR6	412 365 100		6.3	1.2	200		13.2	8.5	100	100		B7G	P		
6HS6	412 365 100		6.3	0.8	150	75	8.8	9.5	100	100		B7G	P		
6HS8	157 231 461		6.3		100	75	2	0.4	100	75	0.4	B9A	PP		
6HL8	546 234 175		6.3	9	250	250	24	6	100	100		B9A	PP		
6HN8	165 234 161		6.3	3.5	250	250	13	4	100	100		B9A	P		
6HZ8	146 231 457		6.3	{ 2 250 175	200		3.5	4	100	60		{B9A	TP		
6J4	412 344 600		6		1.5	150		15	12	100			10	B7G	T
6J5	026 040 310		6		8	250		9	2.6	100			2.6	A08	T
6J6	762 344 100		6	3	150		5	4.5	100		5.3	B7G	TT		
6J6A	672 344 100		6	3	150		5	4.5	100		5.3	B7G	TT		
6J7	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.3	A08	P		
6J8	027 546 310	G1	6.3	{ 3 3 100	100		3	1.6	100	60	1.6	{A08	TH		
6JH6	541 234 51*	A1	6.3		100	100	1.3	1.2	100	100	1.5		B9D	P	
6JH8	645 237 114		6		22.5	250	150	70	7.1	100	100			B9A	TP
			6	{ 8.5 3	250		10.5	2.2	100	60		{B9A	TP		
					250	100	3	1.6	100	100					
					150										
6JH8	145 237 146		6.3	{ 1 150 125	150		12	6.5	100	60		{B9A	TP		
6JE6	541 234 51*	A1	6.3		1	150	100	10	4.5	No Data Available				B9D	P
6JER	146 231 457		6.3		2	200	175	22	12	100	60			B9A	TP
6JFR	210 541 380	A1	6.3	22.5	250	150	75	6.6	100	100		A08	DP		
6JG6	541 231 5*6		6.3		150	100	80	10	No Data Available			B9D	P		
6JH8	115 324 166		6.3		250	250	14	4.4	100	100		B9A	P		
6JH8	641 237 410		6.3	{ 1 1.2 22.5	100		5.3	6.8	100		6	{B9A	TT		
6JH6	541 231 5*6		6.3		100		10	13	100				B9D	P	
6JH8	146 231 457		6.3		2	200	150	70	7.1	100	100			B9D	P
6JH8	146 231 457		6.3	{ 1 1 3	200		4	4	100	60	4	{B9A	TP		
6K5	026 000 310	G1	6		150	150	22	11.5	100	100	10		A08	T	
					250		1.1	1.4	200		1.4				
6K6	026 540 310		6	18	250	250	32	2.3	100	150	2.3	A08	P		
6K7	026 510 310	G1	6		250	100	10.5	1.5	100	100	1.6	A08	P		
6K8	027 546 310	G1	6	{ 1 3	100		8	2.5	100	60	3	{A08	TH		
6K25	026 040 310		6		250	100	4	1.2	100	100	1.5		B9A	TH	
6K28	668 231 456		6.3		100		30	2kΩ	No Data Available				A08	Thy	
			6.3		100	100	4.2	3.4	100	100	3.4	B9A	DP		
6K8R	146 231 457		6.3	{ 100 200	100		15	10.4	100	60		{B9A	TP		
					100	100	19.5	20	80	60					

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
6KT8A	141 237 564		6.3	{ 3 10	250 150	100	1.4 39	1.6 8.4	100 100	60 100	1.6	B9D	TP	
6KZ8	641 237 514		6.3	{ 1.0 1.0	150 150	150	13.5 12	8.5 7.5	100 100	60 100	7	B9A	TP	
6L1	274 164 130		6	8.6	200		10	2.8	100		2	B8A	TT	
6L5G	026 040 310		6	9	250		8	1.9	100		1.9	A08	T	
6L6	026 540 310		6	18	350 250	54	5.2	100	150	5.2	A08	P		
6L7	026 540 310	G1	6	3	250 100	6.3	1.1	100	100	1.1	A08	H		
6L10	120 415 360		6.3	3	300 150	30	11	100	100			B8A	P	
6L12	741 236 410		6	2.3	250	10	5.9	100		5		B9A	TT	
6L13	741 226 413		6	2	250	1.2	1.6	100		1.6		B9A	TT	
6L15	147 234 116		6.3	1.2	90	15	9	100		9		B9A	TT	
6L16	146 234 107		6.3	1.5	90	12	6.2	80		6.2		B9A	TT	
6L18	260 064 130		6	13.3	250	12	5.5	80		7		B8A	T	
6L19	274 164 130		6	1.8	200	5	3.1	150		3.1		B8A	TT	
6L31	412 365 400		6.3	12.5	250 250	45	4.1	100	100	4		B7G	P	
6L34	412 314 600		6	1.5	250	10	9	150		7		B7G	T	
6L41	601 235 144		6.3	17.2	250 250	45	7	100	100			B9A	P	
6L43	145 236 154		6.3	3	300 150	30	11	No Data Available				B9A	P	
6L50	214 451 130	A1	6.3	12.6	200 250	70	5	No Data Available				B9A	P	
6L50V	215 445 113	A1	6.3	25	400 250	30	3.5	100	100			B9A	P	
6LD3	264 098 130		6	1.9	250	0.85	1.95	150		1.9		B8A	DDT	
6LD12	191 238 146		6.3	1.0	100	0.8	1.45	100		1.4		B9A	DDDT	
6LD13	641 238 09*		6	1.9	250	0.85	1.2	100				B9A	DDT	
6LD20	264 098 130		6	5.9	250	5	2.3	100		3		B8A	DDT	
6LFD12	541 236 891		19	2	250 100	9	3.8	100	100			B9A	DDP	
6M3	*28 0*0 *30		6					D				A08	R	
6M5	541 230 600		6	7	250 250	36	10	100	100	10		B9A	P	
6M6	026 540 310		5	6	250 250	30	9.5	100	150	8		A08	P	
6M7	026 510 310	G1	6	2.5	250 125	10.5	3.4	100	100	3.2		A08	P	
6M7MG	026 510 310	G1	6	2.5	250 125	6	2	100	100	2		A08	P	
6M8	137 546 280	G1	6	{ 1 3	100 100 100	0.5 8.5	1.1 1.9	100 100	60 100	1.1 1.9		A08	DTP	
6MD3	802 380 100		6.3			10		REC D		5mA		B7G	R	
6MD4	102 310 800		6.3									B7G	D	
6ME11	412 344 600		6.3		150	14.5	13	No Data Available				B7G	T	
6MEB3	672 344 100		6.3	1	100	11	7.5	100		7.5		B7G	TT	
6M-L2	642 364 100		6.3	4.5	150	14	5	100				B7G	T	
6M-L4	642 314 600		6.3		100	17	6.5	100				B7G	T	
6MK7	026 510 310	G1	6	2	250 100	5	2.3	100	100	2.3		A08	P	
6MP2	412 365 000		6.3	6	200 175	25	5.5	100	100			B7G	P	
6MP17	412 365 400		6.3	8	250 250	32	5.2	100	100			B7G	P	
6N3	**1 23* **8		6			180		REC		50mA		B9A	R	
6N4	412 361 400		6	3	200	12	6	150		6		B7G	T	
6N7	027 446 310		6	5	250	3	1.6	100		1.6		A08	TT	
6N7	026 510 310	G1	6	2.5	250 125	10.5	3.4	100	100	3.2		A08	P	
6N8	541 236 891		6	2	250 90	-5	2.2	100	90	2.2		B9A	DDP	
6NK7	026 510 310	G1	6	2.5	250 125	10.5	3.4	100	100	3.2		A08	P	
6P1	026 540 310		6	8.5	250 250	30	8.8	100	150	8		A08	P	
6P2	412 365 100		6.3	68	250 150	10.6	5.2	No Data Available				B7G	P	
6P5	026 040 310		6	13.5	250	5	1.25	100		1.4		A08	T	
6P6	215 413 000	A1	6	8	250 150	34		100	100			UX6	P	
6P7	023 756 410	G1	6	{ 3 3	100 100 100	3.5 6.3	0.5 1	100 100	60 100	0.5 1		A08	TP	
6P8	027 546 310	G1	6	{ 2.4 6	100 250 75	2.2 1.5		100 100	60 75			A08	TH	
6P9	412 365 400		6	6	250 250	30	7	No Data Available				B9A	P	
6P15	*41 23* 6*5		6	7.5	250 250	49	11.3	100	150	10		B9A	P	
6P17	412 360 500		6	13.5	250 250	16	2.6	100	100			B7G	P	
6P25	026 540 310		6	8.5	250 250	40	8.8	100	100	8		A08	P	
6P26	026 540 310		6	8.5	250 250	40	8.8	100	150	8		A08	P	
6P28	020 540 310		6.3	8.8	350 250	72	9.5	No Data Available				A08	P	
6PL12	414 237 516		6.3	{ 8.5 8.5	100 250 40	0.8 8.8	1.4 100	100 100	60 100			B9A	P	
6PX6	026 540 310		6	6	250	35	9.2	100	150	8		A08	P	
6PZ8	026 598 310	G1	6	6	250 250	36	9.2	100	150	8		A08	DDP	
6Q4	441 230 446		6	1.5	250	15	12	No Data Available				B9A	T	
6Q6	026 080 310		6	3	250	1.2	1.05	150		1.0		A08	DT	
6Q7	026 980 310	G1	6	3	250	1	1.2	100		1.5		A08	DDT	
6QL6	541 236 154		6	11.5	200 175	52	9.5	125	100			B9A	P	
6R	026 510 310	G1	6	2	250 100	3.7	2	100	100			A08	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
6R4	401 230 060	G1	6	2	150		30	5.5	100		5	B9A	T	
6R6	026 500 310		6	3	250	100	7	1.45	100	100	1.4	A08	P	
6R7	026 980 310		6	9	250		9.5	1.9	100		1.9	A08	DDT	
6R8	811 239 146		6	9	250		9.5	1.9	100		1.9	B9A	DDDT	
6R51P	451 23* 6*5		6.3	8	250	250	54	11	No Data Available			B9A	P	
6RA2	014 234 006		6.3	31	150		100	8.5	No Data Available			B9A	P	
6RA5	606 023 041		6.3	20	100		80	11	No Data Available			B9A	T	
6RB11	504 234 106		6.3	1	100		2	1	100		1	B9A	TT	
6R-DHV1	145 327 864		6.3	{	2	250	1.2	1.6	100	60	{	B9A	DTP	
6RBI2	741 236 410		6.3		1	250	100	9	3.5	100		100		B9A
					90		8.5	8	100		8	B9A	TT	
6R-JH8	641 237 410		6.3		100		16	16	No Data Available			B9A	TT	
6R-JH9	641 237 410		6.3		90		16	16	No Data Available			B9A	TT	
6RHV1	145 237 164		6	{	2	250	12	1.6	100	60	{	B9A	TP	
			6		1	250	100	9	3.5	100		100		B9A
6RK19	*** 23* **8	C	6.3				180		REC			40mA	B9A	R
6RP10	260 153 041		6.3	2.6	150	150	36	13.5	No Data Available			B9A	P	
6RP15	451 23* 6*5		6.3	8	250	250	59	11	100	100		B9A	P	
6RR8	402 106 053		6.3		150	150	13	12.6	No Data Available			B9A	P	
6RR8C	402 106 053		6.3		150	150	13	12	No Data Available			B9A	P	
6RR21	541 236 891		6.3		150	150	13.5	15	No Data Available			B9A	DDP	
6RV	026 510 310	G1	6	2	250	100	6.4	2.1	100	100	2.1	A08	P	
6S2	230 232 032	D1	6.3						D			B9A	R	
6S2A	*** 23* ***	D1	6.3						No Data Available			B9A	D	
6S4	1* 234 **6		6	8	250		26	4.5	100		4.5	B9A	T	
6S6	120 600 350	G1	6	2	250	100	13	4	100	100	4	A08	P	
6S7	026 510 310	G1	6	3	250	100	8.5	1.75	100	100	1.7	A08	P	
6S8	118 916 230	G1	6	2	250		0.9	1.1	200		1.1	A08	DDDT	
6SA7	126 641 310		6	3.6	100		12	4.3	100		1.4	A08	H	
6SA7G	026 641 310		6	3.6	100		12	4.3	100		1.4	A08	H	
6SB7Y	126 541 310		6	1	250	100	3.8		100	100		A08	H	
6SC5	026 400 310		6	4	250		7.5	2.7	100		2.7	A08	T	
6SC7	074 461 230		6	2	250		2	1.3	200		1.3	A08	TT	
6SD7	021 415 360		6	2	250	100	6	3.6	100	100	3.6	A08	P	
6SE7	021 415 360		6	1.5	250	100	4.5	3.4	100	100	3.4	A08	P	
6SF5	014 060 320		6	2	250		0.9	1.5	200		1.5	A08	T	
6SF7	041 581 360		6	1	250	100	12.4	2.05	100	100	2	A08	DP	
6SG7	021 415 360		6	1	250	125	11.8	4.7	100	100	4.7	A08	P	
6SH7	021 415 360		6	1	250	150	10.8	4.9	100	150	4.9	A08	P	
6SJ7	021 415 360		6	3	250	100	3	1.65	100	100	1.6	A08	P	
6SJ8EG	027 546 310	G1	6	{	3	150	5	1.6	100	60	1.6	A08	TH	
					3	150	100	1.3	1.2	100	100			1.2
					3	150		5	1.6	100	60			1.6
6SJ8G	027 546 310	G1	6	{	3	250	100	1.3	1.2	100	100	1.2	A08	TH
					3	250	100	9.2	2	100	100	2		
6SK7	021 415 360		6	3	250	100	9.2	2	100	100	2	A08	P	
6SL7	461 471 230		6	2	250		2.3	1.6	150		1.6	A08	TT	
6SN7	461 471 230		6	8	250		9	2.9	100		2.6	A08	TT	
6SQ7	041 896 230		6	2	250		0.9	1.1	200		1.1	A08	DDT	
6SR7	041 986 230		6	9	250		9.5	1.9	100		1.9	A08	DDT	
6SS7	021 415 360		6	3	250	100	9	1.85	100	100	1.8	A08	P	
6ST7	041 896 230		6	9	250		9.5	1.9	100		1.9	A08	DDT	
6SUT	471 461 230		6	2	250		2.3	1.6	200		1.6	A08	TT	
6SV7	041 586 230		6	1	250	150	7.5	3.4	100	150	3.5	A08	DP	
6SZ7	041 986 230		6	3	250		1	1.2	200		1.2	A08	DDT	
6T	205 413 000	A1	6	12.5	250	250	4.5	4.1	100	150	4	UX6	P	
6T1	642 314 600		6		75		16	6.6	80			B7G	T	
6T4	642 314 600		6	3	80		18	7	80			B7G	T	
6T6	026 500 310	G1	6	1	250	100	10	5.5	100	100	5.5	A08	P	
6T7	026 980 310	G1	6	3	250		1.2	1	100		1	A08	DDT	
6T8	191 238 146		6	3	250		1	1.2	150		1.3	B9A	DDDT	
6T8A	191 238 146		6	3	250		1	1.2	100		1.3	B9A	DDDT	
6T24	647 230 114		6	2	150		17	7	100			B9A	TT	
6T26	641 237 410		6	2.3	250		10	6	100			B9A	TT	
6T27	641 237 410		6		150		10	6.8	100			B9A	TT	
6TE8	427 546 310	G1	6	{	2	100	3.7		100	60	{	A08	TH	
					2	250	100	3.5		100		100		A08
6TE9	651 237 440		6	{		100	4	2	100	60	{	B9A	TH	
					2.5	200	90	3	0.7	100		90		B9A
6THR	027 546 310	G1	6	{	7	150	6	1.1	150	60	{	A08	TH	
					1.5	200	75	3.5		100		75		A08
6TP	205 413 000	A1	6	14.5	250	250	12	6	100	150	6	UX6	P	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
13E7	471 461 230		13	{ 20	150		50	7.2	100			B9A	TT
13F7	023 110 560		13	{ 3	250		1.4	1.6	100				P
13F9U	206 501 130	G1	12.5	{ 2	200	100	3	2.1	100	100	2.2		B8C
13FD7	644 237 411		6.3	{ 2.6	200	200	6.2	2.2	100	200		B9A	TT
				{ 17.5	250		6	1.6	100				P
				{ 17.5	150		45	7.5	100				TT
13FG7	141 236 074		13	{ 20	150		50	7.2	100			B9A	TT
				{ 3	250		1.4	1.6	100				P
				{ 3	250		1.4	1.6	100				TT
13FR7	644 237 411		13	{ 3	250		1.4	1.6	100			B9A	TT
				{ 20	150		50	7.2	100				P
				{ 20	150		50	7.2	100				TT
13GF7	541 237 064		13	{ 3	250		1.4	1.6	100		1.6	B9D	TT
13H1	023 110 560	G1	3	{ 2	200	100	3	2	100	100	2		B8C
13H2	023 110 560	G1	13	{ 3	200	100	8.2	1.8	100	100	1.8		B8C
13JGA	645 231 700	G1	13	{ 20	200		4		100	60		B7	H
				{ 3	250	100	3.5		100	100			P
				{ 3	250	100	2.3	1.7	100	100	2.2		B7
13SPA	061 231 500	G1	13	{ 8.5	200	200	45	4.4	100	150	4	B8C	DDP
13V1	013 189 560	G1	13	{ 3	200	100	7	1.8	100	100	1.8		B7
13VPA	061 231 500	G1	13	{ 3	250	90	4	1	100	90	1		UX5
14	265 130 000	G1	14	{ 3	250	90	4	1	100	90	1	B8B	P
14A4	260 0*4 130		12.5	{ 8	250		9	2.6	100		2.6		DDT
				{ 8	250		9	2.6	100		2.6		DDT
14A5	265 004 130		12.5	{ 12.5	250	250	30	3	100	150	3	B8B	P
14A7	265 104 130		12.5	{ 3	250	100	9.2	2	100	100	2		P
14AP4	216 447 130		12	{ 10	250		9	2.1	100		2		TT
14AF7	216 447 130		12.5	{ 9	250		9	2.1	100		2.1	B8B	TT
14B6	264 *89 130		12.5	{ 2	250		0.9	1.1	150		1.1		DDT
				{ 2	250		0.9	1.1	150		1.1		DDT
14B8	265 454 130		12.5	{ 2	250	100		1.1	100	100	1.1	B8B	H
14C5	265 004 130		12.5	{ 12.5	250	250	47	4.1	100	150	4.1		B8B
14C7	265 114 130		12.5	{ 3	250	100	2.2	1.5	100	100	1.5		P
14E6	264 *98 130		12.5	{ 8	250		9.3	1.9	100		1.9	B8B	DDT
14E7	269 854 130		12.5	{ 3	250	100	7.5	1.3	100	100	1.3		DDP
				{ 3	250	100	7.5	1.3	100	100	1.3		DDP
14F6	026 540 310		14	{ 16.5	250	250	35	2.5	100	150	2.5	A08	P
14F7	217 446 130		12.5	{ 2	250		2.3	1.6	150		1.6		TT
14F8	427 116 340		12.5	{ 3	250		6	3.3	150		3.3		TT
14GT8	181 239 146		14	{ 3	250		0.7	1.0	100			B9A	DDT
14GV8	415 237 146		14.7	{ 1.7	250		1.2	1.6	100	60	1.6		TP
				{ 7	250	250	36	10	100	100			TP
14H7	265 114 130		12.5	{ 2	250	150	10	4.2	100	100	4.2	B8B	P
14J7	276 454 130		12.5	{ 3	150		6.6	1.4	100	60	1.4		TH
14JG8	181 239 146		14	{ 2	250		2	2.2	100				DDT
14K7	276 454 130		14	{ 2	100		6.4	2.2	100	60	2.8	B8A	TH
14L7	264 098 130		14	{ 2	200	90	2.7	1.5	100	75	1.5		DDT
				{ 1.6	200		15	1.65	150		1.6		DDT
14N7	217 446 130		12.5	{ 8	250		9	2.6	100		2.6	B8B	TT
14Q7	266 414 130		12.5	{ 2	100		15	6	100		4.5		B8B
14R7	269 854 130		12.5	{ 1	250	100	6.2	3.4	100	100	3.4		DDP
14S7	276 454 130		12.5	{ 1	100		4.8	1.4	100	60	1.6	B8B	TH
				{ 2	250	100	4	2	100	100	2.2		TH
				{ 2	250	100	4	2	100	100	2.2		TH
14V7	265 104 130		12.5	{ 2	300	150	9.6	5.8	100	100	5.8	B8B	P
14V7	265 114 130		12.5	{ 2.2	300	150	10	5.8	100	100	5.8		P
14X7	264 189 130		12.5	{ 1	250		1.9	1.5	150		1.5		DDT
14T4	208 009 130		12.5	{ 30			REC		REC	15mA		B8B	RR
14Z3	281 300 000		12.5	{ 60			REC		REC	20mA			UX4
				{ 60			REC		REC	20mA			R
15	264 300 000		2.5	{ 33	250		22	2.35	100		2.0	UX4	T
15	265 130 000	G1	2	{ 1.5	150	75	1.85	0.75	100	75	0.75		UX5
15A2	645 231 700	G1	4	{ 20	200		4		100	60			B7
15A6	451 231 600		15	{ 3	250	100	3.5		100	100		B9A	P
15A8	124 541 360	A2	15	{ 2.9	200	175	36	10	100	100	9		P
				{ 8	250		9	2.6	100	60	2		A08
				{ 7.5	100	100	45	7.3	100	100	7.5		TT
15BD7A	641 238 090		15	{ 1.5	200		1.5	1.6	100		1.6	B9A	DDT
15CV5	*51 23* 6*5		15	{ 12.5	200	175	70	10	100	60			P
15D1	645 231 700	G1	13	{ 20	200		4		100	60			B7
				{ 3	250	100	3.5		100	100		B7	H
15D2	645 231 700	G1	13	{ 20	200		4		100	60	0.6		TH
				{ 3	250	100	3.5		100	100	4.6		TH
15DQ8	461 237 145		15	{ 1.7	200		3.0	4.0	100	60	4.0	B9A	TP
				{ 1.7	150	150	18	11	100	100			TP
				{ 1.7	150	150	18	11	100	100			TP

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
15E	260 501 300	G1	2		150	75	1.8	0.7	100	60		B7G	P	
15EA7	461 471 230		14.8	25	200		48	6.5	No Data Available			A08	TP	
15EH6	412 365 100		15		150	120	11	14	No Data Available			B7G	P	
15P80	541 231 600		15		200	200	36	10	No Data Available			B9A	P	
15KT8A	141 237 564		15	{ 3 10	250 150	100	39	1.4 8.4	1.6 100	100	60		B9D	TP
15TP7	461 237 145	15	{ 1.7 2.9	200 200		3 18	4 10.4	100 100	60 100	4		B9A	TP	
15X6	029 180 310		25				30		REC	15mA		A08	RR	
16	280 300 000		7.5				60		REC	20mA		UX4	R	
16A5	*41 23* 6*5		16		14.2	200	200	45	7.5	100	100	7	B9A	P
16A8	414 237 516		16	{ 1.5 11.5	200 200	200	41	1.7 7.5	2.4 100	100	60 3 6		B9A	TP
16AQ3	*** 23* **8	C	16.4				180		REC		40mA	B9A	R	
16B	280 300 000		7.5				60		REC	15mA		UX4	R	
16D1	046 231 700		13			300	45		100			B7	TT	
16GE6	141 230 651		16		7.4	250	250	48	11.3	No Data Available		B9A	P	
16GE8	414 237 516		16	{	250	250	30	7.5	100	100		B9A	TP	
16N8	414 237 516	15	{ 16 100	100 200	200	35	3.3 3.5	3.6 2.5	100 100	60 100	3.6 2.5	B9A	TP	
16TP6	141 234 675		16	{ 11.5 200	200 175	41	7.5	100	100		B9A	TP		
16TP8	141 234 675		16	{ 11.5 200	200 175	41	7.5	100	100		B9A	TP		
17	264 130 000		14		6	90	2.7	0.8	80		0.8	UX5	T	
17AV5	421 060 350		16		22.5	250	150	57	5.9	100	100	5.8	A08	P
17AX4	001 080 230	A1	16.8				120		REC		35mA	A08	R	
17AX4GTA	001 080 230		16.8				120		REC		35mA	A08	R	
17AY3	*8* 23* R10		16.8				120		REC		30mA	B9D	R	
17BH3	*8* 23* 8*1		17				180		REC		35mA	B9D	R	
17BQ6	020 540 310		17		22.5	250	150	75	6.6	125	100	A08	P	
17BS3	*8* 23* 8*1	G1	16.8				120		REC		40mA	B9D	R	
17C5	142 345 600		16		7.5	150	100	49	7.5	100	90	6	B7G	P
17C8	541 236 891		17		2	200	125	5	2.2	100	100	2	B9A	DDP
17CA5	142 345 600		16.8		4.0	100	100	32	8	100	60		B7G	P
17CU5	142 345 600		16.8		7.5	100	100	49	7.3	100	100		B7G	P
17D1	869 231 500	A1	13		3	250	125	9	1.1	100	100	1.1	B7	DDP
17D4	*8* 23* 230		16.8						D			A08	D	
17DA4	*8* 23* 230		16.8				180		REC		40mA	A08	R	
17DA4	001 080 230		16.8				120		REC		30mA	A08	R	
17DE4	001 080 230		16.8				120		REC		30mA	A08	R	
17DM4	001 080 230	A1	16.8				180		REC		35	A08	R	
17DQ6	020 540 310		16		22.5	250	150	75	6	125	100		A08	P
17EV8	741 236 410		17		1.1	100		4.5	4.6	100		4.6	B9A	TP
17F6	041 230 665		17		23	250	200	53	5.0	100	100		B9A	P
17FL8	541 236 891		17		1.5	200	100	11	4.5	100	100	4.5	B9A	DDP
17GJ5	541 234 5**	A1	16.8		22.5	250	150	70	7.1	100	100		B9D	P
17GT5	541 234 506		16.8		42	250	150	70	7.1	100	100		B9A	P
17GV8	415 237 146		16.8	{ 1.7 7.0	250 250	250	36	1.2 10	1.6 100	100	60		B9A	TP
17HC8	414 237 516		16.8	{ 3 18	250 250	250	38	1.4 5.1	2 100	100	60		B9A	TP
17JB6A	541 234 51*		A1	16.8		22.5	250	150	70	7.1	100	100		B9D
17JG6	541 231 5*6	16.8				150	100	80	10	100	100		B9D	P
17JX8	614 237 410	16.8		{ 1.0 1.3	100 150		5.3 10	6.8 10	100	60	6		B9A	TT
17JT6A	541 231 5*6	16.8			22.5	250	150	70	7.1	100	100		B9D	P
17H3	108 230 080	17.5					60		D				B9A	D
17L6	026 540 310	16.8		7.0	100	100	49	8	100	100		A08	P	
17N8	541 236 891	17		2	200	75	5	2.2	100	75	2	B9A	DDP	
17R5	142 345 600	16.8		8.5	100	100	40	7	100	100		B7G	P	
17R7	*** 23* **8	C	17				120		REC			B9A	R	
17Z3	*** 23* **8		17				120		REC		40mA	B9A	R	
18	265 413 000		14		16.5	250	250	34	2.5	100	150	2.5	UX6	P
18A5	421 060 350		18		17	200	125	40	4.8	100	100		A08	P
18AK5	412 365 100		18		2.5	150	125	7.7	5.1	125	100	5.1	B7G	P
18AQ5	412 365 100	18		7.2	150	175	28	3.5	100	125	3.5	B7G	P	
18C51	214 607 413				2	150		8.2	5.5	125		5.4	B9A	TT
18D2	641 237 514		9.5	{ 1.8 1.6	150 200	175	10	10	100	60		B9A	TP	
18D3	645 237 114		6.3	{ 1 2	150 150		18	8.5	100	60		B9A	TP	
18DG6A	412 365 100		18		1	100	100	5	4.3	100	100	4.3	B7G	P
18DZ8	141 237 516	18	{	100			0.8	1.4	100	60		B9A	TP	
				{	150	125	45	7.5	100	100		B9A	TP	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6TP1	645 237 114		6	{ 68	150	100	18	8.5	100	60		B9A	TP
6TP3	641 237 154		6	{ 2	100	100	4	5.2	100	100		B9A	TP
6TP4	145 237 614		6	{ 3	200	100	8	3	100	60		B9A	TP
6TP5	541 327 164		6	{ 68	150	100	18	8.5	100	60		B9A	TP
6U3	**1 23* **8		6	{ 250	100	100	2.2	1.3	100	60		B9A	TP
6U4	001 080 230		6		200	100	.9		100	100		40mA	B9A R
6U5M	028 090 310		6				120		REC		30mA	A08 R	
6U6	026 540 310		6				30		REC		15mA	A08 RR	
6U7	026 510 310	G1	6	14	200	150	56	6.2	100	100	6.2	A08 P	
6U8	645 237 114		6	3	250	100	8	1.5	100	100	1.5	A08 P	
			6	1	150	100	18	8.5	100	60	7	B9A	TP
			6	1	250	100	10	5.2	150	100	5		
6U8A	645 237 114		6	{ 1	150	100	18	8.5	100	60		B9A	TP
6V1A	082 230 808	C	6		250	100	10	5.2	100	100		B9A	TP
6V4	8*1 23* 9**		6				120		REC		30mA	B9A RR	
6V5	006 540 230		6	12.5	250	250	45	4.1	100	150	4.1	A08 P	
6V6	026 540 310		6	12.5	250	250	45	4.1	100	150	4	A08 P	
6V7	026 980 310	G1	6	20	250		8	1.1	100		1.1	A08 DDT	
6V8	681 234 119		6	3	250		1	1.2	100		1.3	B9A DDT	
6W2	023 000 000	D1	6						D			B9G D	
6W3	**1 23* **8		6				20		REC		40mA	B9A R	
6W4	001 080 230		6				120		REC		30mA	A08 R	
6W5	028 090 310		6				60		REC		20mA	A08 RR	
6W6	026 540 310		6	9.5	150	150	58	8	100	100	8	A08 P	
6W7	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08 P	
6W8	266 114 300		6	3.6	100		12	4.3	No Data Available			B7G H	
6X2	023 000 000	D1	6						D			B9G D	
6X3	020 000 310	D1	6				5		D			A08 R	
6X4	802 309 100		6				30		REC		35mA	B7G RR	
6X5	028 090 310		6				30		REC		35mA	A08 RR	
6X8	146 231 457		6	{ 1	100		8.5	5.8	100	60	5	B9A	TP
			6	{ 1.8	250	150	7.5	4.6	100	150	4		
6X8A	146 231 457		6	{ 1	150	150	8.5	5.8	100	60	5	B9A	TP
			6	{ 1.8	150	150	7.7	4.6	100	100	4		
6Y3	030 000 200	D1	6				5		D			A08 R	
6Y5	208 193 000		6				30		REC		15mA	UX6 RR	
6Y6	026 540 310		6	13.5	150	150	58	7	100	100	7	A08 P	
6Y7	027 446 310		6	0	250		5.3	1.8	150		1.8	A08 TT	
6Y50	802 308 001		6				180		REC		40mA	B9A R	
6Z3	381 200 000		6				60		REC		20mA	UX4 R	
6Z4	289 130 000		6				30		REC		45mA	UX5 RR	
6Z5	328 192 000		6				30		REC		15mA	UX6 RR	
6Z6	028 190 310		6				30		REC		15mA	A08 RR	
6Z7	026 447 310		6	0	200		4.2	0.5	150		0.5	A08 TT	
6Z31	802 309 100		6.3				30		REC		15mA	B7G RR	
6Z40	000 230 008	C	6.3				120		REC		30mA	B9A R	
6ZDH3A	264 813 000		6	2	250		1.5	1.5	100		1.2	UX6 DT	
6ZP1	265 413 000		6	9	200	200	15	1.7	100	100		UX6 P	
6ZY5	028 090 310		6				15		REC		15mA	A08 RR	
7A2	045 231 600		4	17	250	250	40	3.2	100	150	2.3	B7 P	
7A3	045 231 600		4	6	250	250	32	10	100	100	10	B7 P	
7A4	260 0*4 130		6	8	250		9	2.6	100		2.6	B8B T	
7A5	265 004 130		6	9	150	125	44	6	100	90	6	B8B P	
7A6	219 008 130		6				5		D			B8B RR	
7A7	265 104 130		6	3	250	100	9.2	2	100	100	2	B8B P	
7A8	266 451 130		6	1	250	100	14	1.4	100	100	1.6	B8B O	
7AB7	526 141 310		6	2	250	100	4	1.8	100	100	1.2	B8B P	
7AC7	412 365 100		6		300	150	10	9	100	100	8	B7G P	
7AD7	265 104 130		6	2.3	300	150	28	9.5	100	150	9	B8B P	
7AF7	217 446 130		6	9	250		9	2.1	100		2.1	B8B TT	
7AG7	265 114 130		6	2	250	250	6	4.2	200	200	4.2	B8B P	
7AH7	265 114 130		6	2	250	250	6.8	3.3	100	150	3.3	B8B P	
7AJ7	265 104 130		6	3	250	100	2.2	1.5	100	100	1.5	B8B P	
7AK7	265 104 130		6	0	150	90	40	6.5	100	100	6.0	B8B P	
7AN7	147 234 116		7.5	1.5	90		12	6	100		6	B9A TT	
7AU7	741 226 413		3.5	8.5	250		10.5	2.2	100		2.2	B9A TT	
7B4	260 004 130		6	2	250		0.9	1.5	200		1.5	B8B T	
7B5	265 004 130		6	18	250	250	32	2.3	100	150	2.3	B8B P	
7B6	264 *98 130		6	2	250		0.9	1.1	200		1.1	B8B DDT	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
8BA8	146 231 457		8.4	{ 8 200 3 200			8 2.7 13 9	100	60	5		B9A	TP
8BH8	146 231 457		8.4	{ 5 150 1.6 200		125	9.5 15 7 100	100	60			B9A	TP
8BM8	414 237 516		7.9	{ 1 200 16 200		200	3.7 2.5 35 6.4	100	60	2.5		B9A	TP
8BN8	811 239 641		8.4	{ 3 250			1.6 2.6	100		3.5		B9A	DDT
8BQ5	*41 23* 6*5		8		250	250	48 11.5	No Data Available				B9A	P
8BQ7A	641 237 410		8.4	{ 2 150			9 6.4	100		6		B9A	TT
8CP40	645 237 114		9	{ 2 100 2 200		175	14 5 10 6.2	100	60			B9A	TP
8CG7	741 236 410		8.4	{ 8 250			9 2.6	100		3		B9A	TT
8CH7	701 236 441		8.4	{ 7 200 8 250			5 2 20 4.4	100		2.8 4.7		B9A	TT
8CN7	891 221 643		4.2	{ 3 250			1 1.2	100		1.3		B9A	DDT
8CS7	704 236 411		8.4	{ 10.6 250			19 4.5	100		4		B9A	TT
8CV5	*51 23* 6*5		8	{ 12.5 200 1.7 250		175	70 10 1.2 1.6	100	60			B9A	P
8CV8	415 237 146		8	{ 7 250 1.5 150		250	36 10 9 4.6	100	60	1.6		B9A	TP
8CX8	146 231 456		8	{ 2 200 3 250		125	25 10 1.2 1.3	100	60	4.6		B9A	TP
8CT7	6*4 237 411		7.9	{ 3 250 150			30 5.4	100				B9A	TT
8D2	061 231 500	G1	13	{ 3 250 2 250		100	2 1.25 10 7.5	100	100	1.25		B7	P
8D3	412 361 500		6	{ 1.5 200 2 250		150	4 6.4 3 1.8	100	PenLF 5	5		B7G	P
8D4	026 510 310	G1	6	{ 2 250 3 250		100	3 1.8 2 1.2	100	100	1.8		A08	P
8D5	041 230 651		6	{ 3 250 2 200		100	2 1.2 175 10	100	100	1.2		B9A	P
8D6	141 230 651		6	{ 2 200		175	10 2.5	100	100	2.5		B9A	P
8D7	001 230 651	G1	6	{ 3 250 2 250		100	2 1.25 3 1.9	100	100	1.2		B9A	P
8D8	501 236 014		6	{ 2 250 1.7 200		150	3 1.9 30 4	100	100			B9A	P
8DX8	461 237 145		7.5	{ 2.1 200 2 250		175	18 11 2 2.7	100	60			B9A	TP
8EB8	146 231 457		8	{ 2 250 200 125			25 12.5	100	60			B9A	TP
8EY5	504 234 106		8.4	{ 18 250 250		250	35 5.1	100	100			B9A	P
8FQ7	741 236 410		8.4	{ 8 250			9 2.6	100				B9A	TT
8G140	892 300 000		8				60 REC		20mA			B4	RR
8GE8	146 231 457		8.2	{ 2 200 200 175			4.5 22 12 100	100	60			B9A	TP
8GK6	141 230 651		8	{ 7.4 250 2 250		250	48 11.3 2 2.7	No Data Available				B9A	P
8GN8	146 231 457		8	{ 2 250 3 200		150	25 11.5	100	60	3		B9A	TP
8GV8	414 237 146		7.5	{ 1.7 250 7.0 250		250	1.2 1.6 36 10	100	60	1.5		B9A	TP
8HG8	141 234 675		8	{ 3 100 1.2 200		150	14 5.5 10 12	100	60	5.5		B9A	TP
8JE8	146 231 457		8.2	{ 2 200 250 150			4.5 2.2 12 100	100	60	4		B9A	TP
8JX8	641 237 410		8.4	{ 1.0 100 1.2 150			5.3 6.8 10 13	100		6		B9A	TT
8MP12	412 365 400		8.5	{ 200 175 200 175			25 25	100	100			B7G	P
8NP12	412 365 400		8.5	{ 200 175 200 200			25 45	100	100			B7G	P
8RB11	504 234 106		8.5	{ 12.5 200 100			7.5 3.5 2.5 2.5	100	100	2.5		B9A	P
8RHP1	414 237 516		8.2	{ 16 200 200 200			35 6.4 100	100	60	6		B9A	TP
8SN7	461 471 230		8.4	{ 8 250			9 2.6	100		2.6		A08	TT
8T27	641 237 410		8.4	{ 150			10 6.8	100				B9A	TT
9A1	542 231 000	A1	4	{ 1.5 200 1.5 200		75	5 4.2 5 4.2	100	75	4.2		B5	P
9A1	045 231 500	A1	4	{ 1.5 200 2 250		75	5 4.2 10 1.8	100	75	4.2		B7	P
9A3	061 231 500	G1	4	{ 2 250		125	10 1.8	100	100	1.8		B7	P
9A8	645 237 114		9	{ 2 100 2 200		175	14 5 10 6.2	100	60	5		B9A	TP
9AB4	602 304 100		9	{ 2 250			10 5	100	150	5		B9A	TP
9AKR	791 238 146		9.5	{ 2.3 200			1 1.4	100				B7G	T
9ACR	641 237 410		9	{ 2.1 200			10 5.8	200		1.4		B9A	DDDT
9AL7	741 226 413		4.7	{ 3.5 250			10.5 2.2	100		2.2		B9A	TT
9BM5	412 365 400		9	{ 6 250 2 150		250	30 7 9 6.4	100	100			B9A	P
9BQ7A	641 237 410		8.4	{ 2 150			9 7	100		6		B9A	TT
9BR7	641 229 813		4.7	{ 2.0 250			10 4	100		4		B9A	DDT
9BW6	*41 230 651		9	{ 12.5 250 2 100		250	45 14 5 5	100	150	4		B9A	P
9CH	645 237 114		9	{ 2 200 2 200		175	10 6.2	100	100			B9A	TP

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
9CL8	461 237 514	G1	9.5	{ 0.75 150			15	8	100		7.5	B9A TP	
9D2	061 231 500		13	{ 0.1 150 125			12	5.8	125	150	5	B7 P	
9D6	412 361 500		6	{ 3 250 200			10.5	1.65	100	100	1.8	B7G P	
9D7	141 230 651		6	{ 2.5 250 100			8	2.5	100	100	2.5	B9A P	
9DZ8	414 237 516		9	{ 1.5 250 150			10	8.4	100	100		B9A TP	
9EP6	026 540 310		9.4	{ 150 125			45	1.4	100	60	1.4	B9A TP	
9EN7	157 236 414		9	{ 150 150			6	5	100	60		A08 P	
9GB8	641 237 541		9.4	{ 200 150			7.6	8.5	100	100		B9A TP	
9J6	762 344 100		9	{ 250 250			12		100	100		B9A TP	
9P9	412 365 400		9	{ 0.85 100			8.5	5.3	100		5.3	B7G TT	
9RA6	140 230 406		9.5	{ 6 250 250			30	7	100	100		B9A P	
9T8	791 238 146		9.5	{ 12 250			26	8.5	100			B9A T	
9T26	641 237 410		9.5	{ 3 250			1	1.2	100		1.3	B9A DDDT	
9TP4	145 237 614		9.4	{ 2.3 250			10	6	100		6	B9A TT	
9U8	645 237 114		9.5	{ 150 100			18	8.5	100	60		B9A TP	
9UBA	645 237 114		9.5	{ 68 250 100			10	5.2	100	100		B9A TP	
9XB	146 231 457		9.5	{ 1 150			18	8.5	100	60	8.5	B9A TP	
10	264 300 000		9.5	{ 1 250 100			10	5.2	100	100	5	B9A TP	
10B8	414 237 516		9.5	{ 100 150			8.5	5.8	100	60		B9A TP	
10BQ5	041 230 605		9.5	{ 3.5 150 150			6.2	2.1	100	100		B9A TP	
10C1	276 454 130		7.5	{ 32 250			16	1.55	100		1.5	UX4 T	
10C2	276 454 130		10	{ 100 100			3	2.2	100	60		B9A TP	
10C8	641 237 541		10	{ 11.5 150 150			41	7.5	100	100		B9A P	
10C14	541 237 164		10	{ 7.3 250 250			48	11	No Data Available			B9A TH	
10CV5	*41 23* 695		28	{ 3.3 100			6	3	100	60	3	B9A TP	
10D1	892 310 000		28	{ 2.5 200 100			8	2.5	100	100	2.5	B9A TP	
10D2	192 310 800		28	{ 3.3 100			6	3	100	60	3	B9A TP	
10E7	744 236 411		10.5	{ 1.5 175 100			3	5	100	100	5	B9A TP	
10EB8	146 231 457		10.5	{ 2.7 250			7.3	4.4	100	60	5	B9A TP	
10EG7	461 471 230		19	{ 1.5 150 125			11.5	8	125	125	8	B9A TP	
10EP7	644 237 411		10	{ 100 100			13.7	3.7	100	60		B9A TP	
10F1	261 514 130		10	{ 2.2 200 100			5	2.3	100	100		B9A P	
10F3	260 154 130		13	{ 12.5 150 150			70	10	No Data Available			B5 RR	
10F9	141 230 651		19	{ 5 5			5		D			B7G RR	
10F18	141 230 651		10.5	{ 8 250			9	2.6	100			B9G TT	
10F7	644 237 411		10.5	{ 17.5 150			40	5.7	100			B9A TT	
10G7	141 237 064		10	{ 8 250			9	2.6	100			B9A TT	
10G8	146 231 457		10	{ 17.5 150			32	6.5	100			B9A TP	
10H8	146 231 457		10.5	{ 11 250			5.5	2	100	100		B9A TP	
10HP8	146 231 457		9.7	{ 2 250			2	2.7	100	100		A08 TT	
10I8	146 231 457		9.7	{ 200 125			25	12.5	100	100		B9A TP	
10J8	146 231 457		9.7	{ 11 350			5.5	2	100			B9A TP	
10K8	146 231 457		9.7	{ 17.5 150			45	7.5	100			A08 TT	
10L8	146 231 457		9.7	{ 20 150			50	7.2	100			B9A TT	
10M8	146 231 457		10.8	{ 3 250			1.4	1.6	100			B7G T	
10N8	146 231 457		9.7	{ 1.2 200			10	10.5	No Data Available			B9A TT	
10O8	146 231 457		9.7	{ 17.5 150			45	7.5	100			B9A TT	
10P8	146 231 457		9.7	{ 11 250			5.5	2.0	100			B9A TT	
10Q8	146 231 457		9.7	{ 17.5 150			35	6.5	100			B9A TT	
10R8	146 231 457		9.7	{ 3 250			1.4	1.6	100			B9A TT	
10S8	146 231 457		10	{ 1.7 200			3	4	100	60	4	B9A TP	
10T8	146 231 457		10	{ 2.1 200 175			18	11	100	100		B9A TP	
10U8	146 231 457		22	{ 1.8 200 200			10	9	100	100		B9A P	
10V8	146 231 457		22	{ 2.3 200 200			6	6.5	100	150	7	B9A P	
10W8	146 231 457		13	{ 2.5 200 100			7	2.3	100	100	2.3	B9A P	
10X8	146 231 457		13	{ 1.3 200 100			12	4.5	100	100		B9A P	
10Y8	146 231 457		9.7	{ 250 150			6	1.6	100		1.6	B9A TT	
10Z8	146 231 457		9.7	{ 17.5 150			45	7.5	100			B9A TP	
10A8	146 231 457		19	{ 1.5 200 200			11	4.5	100	100		B9A DDP	
10B8	146 231 457		9.7	{ 3 250			1.4	1.6	100			B9A TT	
10C8	146 231 457		9.7	{ 20 150			50	7.2	100			B9A TT	
10D8	146 231 457		9.7	{ 20 150			50	7.2	100			B9D TT	
10E8	146 231 457		9.7	{ 3 250			1.4	1.6	100			B9D TT	
10F8	146 231 457		10.5	{ 2 250			2	2.7	100	60	3	B9A TP	
10G8	146 231 457		10	{ 3 200 150			25	11.5	100	100		B9A TP	
10H8	146 231 457		10	{ 1.7 250			1.2	1.6	100	60	1.6	B9A TP	
10I8	146 231 457		10	{ 7 250 250			36	10	100	100		B9A TP	
10J8	146 231 457		10	{ 250 250			4	4	100	60	4	B9A TP	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
12DL4	414 234 464		12		150		12.5	14	No Data Available			B9A	T
12DL6	815 236 419		12.6	2.5	12	12	3.8	6.5	No Data Available			B9A	DDP
12DL8	814 236 519		12.6	0.5	12	12	40	15	No Data Available			B9A	DDP
12DM4	041 080 230		12.6				180		REC		35mA	B9A	R
12DM5	142 345 600		12.6	7.5	150	100	49	7.5	100	100		B7G	P
12DM7	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT
12DQ6	020 540 310	A1	12	22.5	250	150	75	6.6	100	100		A08	P
12DQ7	141 223 651		6	2.1	100	125	26	10.5	100	100		B9A	P
12DS7	805 236 419		12.6	2	12	12	40		No Data Available			B9A	DDP
12DT1	412 389 600		12.6	3	250		1	1.2	100		1.2	B7G	DDT
12DT2	412 389 600		12.6	2	250		1.1	1.6	100		1.6	B7G	DDT
12DT5	504 234 1*6		12.6	16.5	250	250	38	6.2	100	100		B9A	P
12DT6	412 365 100		12.6	2.2	150	100	1.1	0.8	150	100	2	B7G	P
12DT7	641 227 413		6.3	2	250		1.2	1.6	100		1.6	B9A	TT
12DT8	741 236 410		12.6	2.5	250		10	5.5	100		4	B9A	TT
12DU7	415 236 8*9		12.6		12	12	12	6.2	No Data Available			B9A	DDP
12DV7	198 226 413		12.6		12		0.4	0.7	No Data Available			B9A	DDT
12DV8	914 236 518		12.6	1.0	12.6	12.6	6.8		No Data Available			B9A	DDP
12DV5	504 234 106		12.6	22.5	200	150	55	5.5	100	100		B9A	P
12DT8	415 237 164		12.6		12	12	1.2	2	No Data Available			B9A	TP
12DZ6	412 365 100		12.6		12	12	4.5	3.8	No Data Available			B7G	P
12E1	020 540 310	A1	6	18	150	150	75	9.8	100	100	10	A08	P
12E1C	*36 541 210		6.3	20	300	150	90	10	No Data Available			A08	P
12E4	541 237 464		12.6	2.6	200		5.4		100	60		B9A	TH
12E5	026 040 310		12.5	13.5	200	100	3.7	1.4	100	100	1.4	A08	T
12E8	027 546 310	G1	12		100		3.3		100	60		A08	TH
12E14	*36 541 210		6.3	20	100	100	3	0.5	100	100	0.5	A08	TH
12EA6	412 365 100		12.6		300	150	90	10	No Data Available			A08	P
12EA6A	412 398 600		12.6	1	12	12	3.2	3.8	No Data Available			B7G	P
12EC8	461 237 514		12.6		12		0.1	0.5	No Data Available			B7G	DDT
					12	12	2.4	4.7	No Data Available			B9A	TP
12ED5	142 345 600		12.6	4.0	100	100	32	8.1	100	100	9	B7G	P
12EP6	026 540 310		12.6	18	250	250	50	5.0	100	100		A08	P
12EH5	142 345 600		12.6	3.2	100	125	42	14.6	100	125		B7G	P
12EX6	412 365 100		12.6		12	12	4.4	4.2	No Data Available			B7G	P
12EL6	462 398 100		12.6		12		0.7	1.2	No Data Available			B7G	DDT
12EY6	415 236 **8		12.6		12	12	6	5	No Data Available			B9A	DP
12EN6	026 540 310		12.6	9.5	200	100	50	8.0	100	60		A08	P
12EZ7	141 235 680		12.6		100	100	9	3.9	100	100		B9A	DP
12ES5	142 360 100		12.6	1	200		10	9.4	100			B7G	T
12EG6	412 365 100		12.6	1.0	12	12	2.4	4	No Data Available			B7G	P
12EZ6	412 365 100		12.6	0.7	12	12	1.9	2.7	No Data Available			B7G	P
12F	280 300 000		5				60		REC		20mA	UX4	R
12F5	020 600 310	G1	12.5	2	250		0.9	1.5	150		1.5	A08	T
12F8	856 239 141		12.6	0	12	12	1	1	No Data Available			B9A	DDP
12F31	412 365 100		12	1	100	100	10.8	4.3	100	100	4.3	B7G	P
12FK6	412 389 600		12.6		12		1.3	1.2	No Data Available			B7G	DDT
12FM6	412 398 600		12.6		12		1	1.3	No Data Available			B7G	DDT
12PQ8	747 236 461		12	1	200		3	1.5	100		1.5	B9A	TT
12PR8	414 325 786		12.6	0.6	12		1	1.2	No Data Available			B9A	DTP
				0.8	12	12	1.9	2.7					
12PT6	412 389 600		12.6		12		2	1.9	No Data Available			B7G	DDT
12FX8	747 324 161		12.6		12.6		1.3	1.4	No Data Available			B9A	TH
					12.6		4.4	3.6					
12FX8A	747 324 161		12.6		12.6		1.3	1.4	No Data Available			B9A	TH
					12.6		4.4	3.6					
12G4	602 364 100		12	8	250		10	3	100		3	B7G	T
12G7	026 980 310	G1	12.5	3	250			1.2	100			A08	DDT
12G8	714 226 143		6.3	12.6			7.2	2.6	No Data Available			B9A	TT
12GA6	412 366 100		12.6		12.6		3.6	2.4	No Data Available			B7G	O
12GB3	*24 540 310	A1	12.6	7.7	100	100	100	14	No Data Available			A08	P
12GB6	020 540 070		12.6	22.5	250	150	57	5.9	100	100	5	A08	P
12GB7	020 540 310	A	12.6	7.7	100	100	100	14	No Data Available			A08	P
12GJ5	541 234 5**	A1	12.6	22.5	250	150	70	7.1	100	100		B9D	P
12GK17	001 080 230		12.6				120		REC		30mA	A08	R
12GN6	412 365 800		12.6	68	250	100	11	4.4	100	100		B7G	DP
12GT5	541 324 5*6		12.6	22.5	250	150	70	7.1	100			B9D	P
12GW6	020 540 310	A1	12.6	22.5	250	150	70	7.1	100	100		A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
12H1C	416 147 230		12.6	6.5	200		7.6	1.9	100			A08	TT	
12H4	623 364 100		6	8	250		9	2.6	90		3	B7G	T	
12H6	029 180 310		12.5					D			4	A08	DD	
12H10C	064 471 230		12.6	2	250		2	1.3	100			A08	TT	
12H31	412 365 400		12.6		100 100		2.8	0.4	100	100	0.4	B7G	H	
12J5	026 040 310		12	8	250		9	2.6	100		2.6	A08	T	
12J7	026 510 310	G1	12.5	3	250 100	2	1,225	100	100	100	2.2	A08	P	
12J8	415 236 189		12.6		12 12	12	5.5	No Data	Available			B9A	DDP	
12JB6	541 234 51*	A	12.6	22.5	250 150	70	7.1	100	100			B9D	P	
12J76	541 231 5*6		12.6	22.5	250 150	70	7.1	100	100			B9D	P	
12K5	142 355 600		12.6	2	12 12	8	7	No Data	Available			B7G	P	
12K7	026 510 310	G1	12.5	3	250 125	10.5	1.65	100	100	1.6		A08	P	
12K8	027 546 310	G1	12.5	1	100	8	2.5	100	60	3		A08	TH	
12L6	026 540 310		12	8.25	200 125	46	8	100	100	8		A08	P	
12L8	414 752 360		12.5	9	200 175	13	2.1	100	100	2.1		A08	PP	
12M7	026 510 310	G1	12	2.5	100 100	6	2.2	100	100	2.2		A08	P	
12N67	026 510 310	G1	12.5	2	250 100	5	2.3	100	100	2.3		A08	P	
12P1	412 365 100		12.6	68	250 100	11	4.4	100	100			B7G	P	
12P2	412 365 100		12.6	68	250 150	10.6	5.2	100	100			B7G	P	
12Q7	026 980 310	G1	12.5	3	250	1	1.2	150			1.2	A08	DDT	
12R5	142 345 600		12.6	8.5	100 100	40	7	100	100			B7G	P	
12RK19	*** 23* **8	C	12.6			180		REC		40mA		B9A	R	
12RL13	641 227 413		12.6		150	10	5.5	100				B9A	TT	
12S7	268 154 130		13	2	200 90	5	2	100	100	1.9		B8A	DP	
12S8	*18 916 230	G1	12.5	2	250		0.9	1.1	150		1.1	A08	DDDT	
12SA7	126 641 340		12.5	3.6	100		12	4.3	100		4.5	A08	H	
12SA7G	026 641 340		12.5	3.6	100		12	4.3	100		4.5	A08	H	
12SC7	074 461 230		12.5	2	250		2	1.3	150		1.3	A08	TT	
12SF5	014 060 320		12.5	2	250		0.9	1.5	150		1.5	A08	T	
12SF7	041 586 230		12.5	1	250 100	12.9	2	100	100	2		A08	DF	
12SG7	021 415 360		12.5	1	250 125	11.8	4.7	100	100	4.7		A08	P	
12SH7	021 415 360		12.5	1	250 150	10.8	4.9	100	150	4.9		A08	P	
12SJ7	021 415 360		12.5	3	250 100	3	1.65	100	100	1.6		A08	P	
12SK7	021 415 360		12.5	3	250 100	9.2	2	100	100	2		A08	P	
12SL7	461 471 230		12.5	2	250		2.5	1.6	150		1.6	A08	TT	
12SN7	461 471 230		12.5	8	250		9	2.6	100		2.6	A08	TT	
12SQ7	041 896 230		12.5	2	250		0.9	1.1	150		1.1	A08	DDT	
12SR7	041 986 230		12.5	9	250		9.5	1.9	100		1.9	A08	DDT	
12SS7	021 415 360		12.5	3	250 100	9	1.85	100	100	1.8		A08	P	
12SV7	041 986 230		12.5	9	250		9.5	1.9	100		1.9	A08	DDT	
12SX7	471 461 230		12.5	8	250		9	2.6	100		2.6	A08	TT	
12ST7	126 641 340		12.5	1	100		22	4.5	100		4.5	A08	H	
12TE8	427 546 310		12		100		3.4		100	60		A08	TH	
					250 100		3.7		100	100				
12TE9	651 237 440		12		100		3.4		100	60				
					250 100		3		100	100		B9A	TH	
12U7	741 226 413		6		12		1.2	1	No Data	Available		B9A	TT	
12V6	026 540 310		12.5	12.5	250 250	45	4.1	100	150	4		A08	P	
12W6	026 540 310		12	9.5	150 150	58	8.0	100	100	8.0		A08	P	
12WC5	265 414 300		12	1.5	250 100			No Data	Available			UX7	P	
12X3	210 300 000	D1	12.5			60		REC		20		UX4	R	
12X4	802 309 100		12.5			30		REC		15mA		B7G	RR	
12Y4	892 310 000		12			31		REC		15mA		UX4	RR	
12Z3	281 300 000		12.6			30		REC		15mA		UX4	R	
12Z4	281 300 000		12.5			60		REC		60mA		UX4	R	
12Z5	281 319 200		6			30		REC		15mA		UX7	RR	
12ZDH3A	264 813 000		12	2	250		1.5	1.5	125		1.2	UX6	DT	
12ZP1A	265 413 000		12	9	200 200	30	2.3	100		150		UX6	P	
13	298 300 000		5			60		REC		20mA		UX4	RR	
13BC1U	206 081 930	G1	2.5	1.8	200	3	2	150		2		B8B	DDT	
13BP2U	206 581 930	G1	12.5	2.1	200 200	5	2	100	200	2		B8B	DDP	
13CM5	020 540 310	A	12.8		100 100	100	14	100	100			A08	P	
13D1	461 471 230		25	8	250		2	2.6	100		2.5	A08	TT	
13D2	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT	
13D3	741 226 413		6	4.6	250		6	2.3	100		2.3	B9A	TT	
13D7	146 231 074		6.3		250		2.2	3.3	100			B9A	TT	
13D8	741 226 413		6.3	8.5	250		10.5	2.2	100		2.2	B9A	TT	
13DE7	644 237 410		13	11	250		5.5	2	100			B9A	TT	
13DHA	908 231 600	G1	13	17.5	150		32	6.5	100					
				1.5	250		1	1.5	100		1.5	B7	DDT	
13DR7	644 237 410		13	3	250		1.4	1.6	100					
				17.5	150		35	6.5	100			B9A	TT	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
10JY8	146 231 457		10.5	{	125	15	10.4	100	60		B9A	TP		
					200	150	24	11	100	100				
10KR8	146 231 457		10.5		100	15	10.4		No Data Available		B9A	TP		
10L1	412 314 600		19	1.5	200	100	19.5	20.0			B7G	T		
10L14	641 237 410		26	2.1	200	10	8.5	100		8	B9A	TT		
10LD3	264 098 130		14	1.1	150		0.6	1.95	150	5	B8A	DDT		
										1.9	B9A	DDT		
10LD11	264 098 130		15	5.9	250	5	2.3	100		3	B8A	DDT		
10LD12	191 238 146		28	2.3	200	1	1.4	100		1.4	B9A	DDT		
10LD13	641 238 09*		13	4.4	150	0.5	1.4	100		1.4	B9A	DDT		
10P13	260 054 130		40	6	150	150	30	7.5	100	100	6	B8A	P	
10P14	026 540 310		40	9.4	200	175	40	7.2	100	150	6	A08	P	
10P18	*41 23* 6*5		45	12.5	200	175	70	10	100	100	9	B9A	P	
10PL12	414 237 516		50	{	100		3.5	2.5	100	60	2.5	B9A	TP	
					200	200	35	6.4	100	100				
11	362 400 000		1.1		4.5	90		2.5	0.4	80		0.4	UX4	T
11A1	*1* 234 **6		6.3		150		100	12				B9A	T	
11A2	908 231 600	G1	4	2	200		3	2.8	100		2.8	B7	DDT	
11A6	264 147 300		10	1	100			3.1	100		3.1	A08	TT	
11C5	026 040 310		10	1	100			2	100		2	A08	T	
11CT7	742 364 110		11	{	3	250		1.2	1.3			B9A	TT	
					150		30	5.4	100					
11D3	908 231 600	G1	13	2	250		0.6	1.1	100		1.1	B7	DDT	
11D5	908 231 600	G1	13	3	250		3.8	1.5	150		1.5	B7	DDT	
11E1	216 540 030		6		250	250	50	7.3	100	100	7	M08	P	
11E2	020 540 310	A1	6	16.5	200	200	25	9	100	150	8	A08	P	
11E8	200 647 310	G1	11		150		20		No Data Available			A08	TT	
11E13	414 226 573		6.3	40	300	200	74		No Data Available			B9A	FP	
11P6	026 540 310		10	1	100	150		2.5	100	150	2.5	A08	P	
11J7	026 500 310	G1	10	1	250	100		1.2	250	100	1.2	A08	P	
11JE8	146 231 457		10	{	2	200	4.5	4.2	100	60		B9A	TP	
					200	175	22	12	100	100				
11K7	026 500 310	G1	10	1	250	100		1.4	250	100	1.4	A08	P	
11L6	026 540 310		10	1	100	150		6	100	150	6	A08	P	
11N7	026 447 310		10	1	100			3.1	100		3.1	A08	TT	
11X5	028 090 310		11				30		REC		15mA	A08	RR	
12	364 200 000		1.1	4.5	90		2.5	0.42	80		0.4	UX4	T	
12A	264 300 000		5	4.5	90		5	1.5	80		1.5	UX4	T	
12A4	142 330 406		6	9	250		23	0.8	250		0.8	B9A	T	
12A5	265 413 200		6	15	100	100	17	1.7	100	90	1.7	UX7	P	
12A6	026 540 310		12.5	12.5	250	250	30	2	100	150	3	A08	P	
12A7	265 181 300	G1	12.5	{	12.5	150	150	9	100	100	1	Bu7	FP	
					30		9	1	100	100	1			
12A8	026 545 310	G1	12.5	3	250	100	3.5	1.15	100	100	1.1	A08	H	
12AB5	504 234 156		12	12.5	250	250	45	4.1	250	200	4	B9A	P	
12AB5	421 060 350		12	22.5	250	150	57	5.9	100	100	5.8	A08	P	
12AC5	26* *54 130		12	3	200	125	2.3	2.3	100	150	2.3	B8A	P	
12AC6	412 365 100		12.6		12.6		0.5	0.7	No Data Available			B7G	P	
12AD5	541 236 **0		12.6	2.5	100	100	6	2.2	100	100	2.5	B9A	P	
12AD6	412 365 100		12.6		12	12	5	3.8	No Data Available			B7G	P	
12AD7	641 227 413		6	2	250		1.25	1.6	100			B9A	TT	
12AE6	412 389 600		12.6		12.6		0.7	1	No Data Available			B7G	DDT	
12AE7	641 227 413		6.3		12.6		0.9	6.5	No Data Available			B9A	TT	
12AP3	*** 23* 88*		12.6				120		REC		40mA	B9A	R	
12AP6	412 365 100		12.6		12	12	0.7	1.1	No Data Available			B7G	P	
12AG6	412 365 100		12.6	0.8	12	12	0.5		No Data Available			B7G	H	
12AH7	417 146 230		12.5	3.6	100		3.7	1.55	80		1.5	A08	TT	
12AH8	541 227 463		6	{	3	250	100	14.7	3.5	100	60	3.5	B9A	TH
								2.6			100	100	2.8	
12AJ6	412 314 600		12.6		12		0.7	1.2	No Data Available			B7G	TT	
12AJ7	541 237 464		12	{	2.5	250	90	3	0.6	100	60	2	B9A	TH
						60		2.6			100	100		
12AJ8	541 237 464		12	{	1.2	100	60	1.7		100	60		B9A	TH
						2	250		1.2	1.6	150		1.6	B9A
12AK7	741 226 413		6						D				B7G	RR
12AL5	192 310 800		12.5				5							
12AL8	654 237 141		12.6	{	0.9	12		0.2	0.5			B9A	TP	
						0.8	12	12	25	8	No Data Available			
12AQ5	412 365 400		12.5	12.5	250	250	45	4.1	100	150	4	B7G	P	
12AS5	142 345 600		12	8.5	150	100	35	5.6	150	100	5.6	B7G	P	
12AT6	412 389 600		12.5	3	250		1	1.2	100		1.2	B7G	DDT	
12AT7	741 226 413		6	2	250		10	5.5	200		5	B9A	TT	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
12AU4	001 080 230		12				120		REC		40mA	A08	R
12AU6	412 365 100		12.5	1	250	150	10.8	5.2	100	100	5.2	BTG	P
12AU7	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
12AU8	146 231 457		12.6		150		8.5	4.9	100	60		B9A	TP
12AV5	421 060 350		12.6	22.5	250	150	55	5.5	No Data Available			A08	P
12AV6	412 389 600		12.5	2	250		1.2	1.6	100		1.2	BTG	DDT
12AV7	741 226 413		6	1	150		18	8.5	100		7	B9A	TT
12AV6	412 365 100		12.5	1.5	250	150	7	5	100	150	5	BTG	P
12AV7	412 365 100		12.5	1.8	250	150	7	5	100	150	5	BTG	P
12AX4	001 080 230		12.5				120		REC		35mA	A08	R
12AX7	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
12AY3	080 230 801		12.6				180		REC		35mA	B9D	R
12AY7	641 227 413		6	4	250		3	1.7	100		1.7	B9A	TT
12AZ7	741 226 413		6	2	200		10	5.5	100		5.5	B9A	TT
12B3	080 230 808	CI	12.6						D			B9A	R
12B4	142 330 406		6	17.5	150		34	6.4	150		6.3	B9A	T
12B6	026 080 310	GI	12.5	2	250		0.9	1.1	150		1.1	A08	DT
12B7	265 104 130		12.5	3	250	100	9.2	2	100	100	2	B8B	P
12B8	127 561 340	GI	12.5	1.1	100		0.6	1.5	100		60	A08	TP
12BA6	412 365 100		12.5	3	100	100	8	2.1	90	90	1.8	BTG	P
12BA7	641 231 106		12.5	2	100		18	7	100		7	B9A	H
12BC32	412 389 600		12	2	250		1	1.6	100		1.2	BTG	DDT
12BD6	412 365 100		12.5	3	250	100	9	2	100	100	2	BTG	P
12BE6	412 366 100		12.5	2	100		20	7	100		5	BTG	H
12BFG	412 398 600		12.5	9	250		9.5	1.9	100		1.9	BTG	DDT
12BH7	741 226 413		6	10.5	250		11.5	3.1	100		4	B9A	TT
12BK5	604 231 450		12	5	250	250	35	8.5	100	150	8	B9A	P
12BK6	412 389 600		12.5	2	250		1.2	1.6	150		1.6	BTG	DDT
12BL6	412 365 100		12.6	0.6	12	12	1.4	1.3	No Data Available			BTG	P
12BN6	142 354 600		12.5	1	60	60	0.5	1	80	60	1	BTG	P
12BQ6	020 540 310	AI	12	22.5	250	150	57	5.9	100	100	5	A08	P
12BR7	641 228 913		6	2	250		10	5.5	100		4	B9A	DDT
12BR7A	641 228 913		6.3		100		3.7	4	100			B9A	DDT
12BS3A	*8* 23* 8*1		12.6				180		REC		40mA	B9D	R
12BT6	412 389 600		12.5	3	250		1	1.2	150		1.2	BTG	DDT
12BL6	412 389 600		12.5	9	250		9.5	1.9	150		1.9	BTG	DDT
12BV7	141 223 651		6	2.2	250	150	27	13	100	100		BTG	DDT
12BW4	800 230 901		12				30		REC		15mA	B9A	RR
12BX6	141 230 651		12.6	2	150	150	10	7.4	100	100		B9A	P
12BT7	141 223 651		6	2.1	250	150	25	12	150	100	10	B9A	P
12BZ6	412 365 100		12.6	1	100	125	14	8	125	125	7	BTG	P
12BZ7	741 226 413		6	2	250		2.5	3.2	100		3	B9A	TT
12C2C	026 040 310		12.6	8	250		9	2.6	100			A08	T
12C5	142 345 600	GI	12	7.5	150	100	49	7.5	100		6	BTG	P
12C8	026 985 310		12.5	3	250	125	10	1.3	100	100	1.3	A08	DDP
12CA5	142 345 600		12	4.5	125	125	36	9.2	100	100	8	BTG	P
12CD6	021 040 350	A	12.6	55	150	150	75	7.7	100	100		A08	P
12CM6	504 234 106		12	12.5	250	250	45	4.1	100	100		B9A	P
12CN5	142 345 600		12.6	12	12		4.5	3.8	No Data Available			BTG	P
12CR5	154 231 541	AI	12.6	22.5	250	150	65	6	100	100		B9A	P
12CR6	182 365 400		12	2	250	100	6.9	2.2	100	100	2	BTG	DP
12CS5	514 234 1*6		12.6	10	200	125	47	8	100	188		B9A	P
12CS6	112 365 400		12	1	100	30	0.8	1.5	No Data Available			BTG	P
12CT8	641 237 541		12	1.4	150		9	4.9	100	60	4.5	B9A	TP
12CU5	142 345 600		12	1.5	200	125	15	7	100	100	7	BTG	P
12CU6	020 540 310	AI	12	8	150	100	50	7.5	100	100		A08	P
12CX6	412 365 100		12.6	22	250	150	57	5.8	100	100		BTG	P
12CY6	412 365 100		12.6		12	12	1.6	3.2	No Data Available			BTG	P
12D4	*11 *8* 230		12						D			A08	D
12DZ6	412 365 100		12.6		12	12	4.5	3.8	No Data Available			BTG	P
12DA6	041 230 651		12	1	200	100	12	4.4	100	100		B9A	P
12DB5	614 234 1*6		12.6	9.6	200	125	46	8	100	100		B9A	P
12DE8	418 236 151		12.6	0.8	12	12	1.3	1.5	REC		15mA	B9A	DP
12DF5	801 229 013		6.3				30		100		1.2	B9A	RR
12DF7	641 227 413		6.3	2	250		1.2	1.6	100			B9A	TT
12DJ8	641 237 410		12.6	1.3	100		15	12.5	No Data Available			B9A	TT
12DK5	141 230 651		12.6		12	12	2	3.3	No Data Available			B9A	P
12DK7	141 223 651		6.3		12	12	6	5	No Data Available			B9A	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
18P24	261 154 130		18	2.1	250	200	15	10.5	100	100		A08	P	
18P46	412 365 100		18	1	100	100	11	4.4	100	100	4.4	B7G	P	
18P46A	412 365 100		18	1	100	100	11	4.4	100	100	4.4	B7G	P	
18P46	412 365 100		18		100	100	24	7	100	100		B7G	O	
18P76	412 389 600		18	1	100		0.6	1.3	100		1.3	B7G	DDT	
18GD6	141 230 651		18		100	100	5	4.3	100	100		B9A	P	
18GE6	142 360 100		18	1	100		1	1.7	100		1.7	B7G	T	
18GV8	641 237 514		18	{	100		10	5.5	100	60	5	B9A	TP	
					150	150	41	7.5	100	100				
18HB8	416 235 714		18	{	100		2.5	3.9	100	60		B9A	TP	
					100	100	32	6.2	100	100				
18J6	672 344 100		18	1	100		6.5	5	100		5	B7G	TT	
19	364 472 000		2	3	150		1.7		100			UX6	TT	
19A3	002 283 100		9.5				60		REC		20mA	B7G	R	
19A78	541 237 164		19	{	3	100	5	2.3	100	60	2.3	B9A	TH	
					2	250	100	6.5	2.4	150	100	2.4		
19AQ5	412 365 400		19	12.5	250	200	47	4.1	100	150	4	B7G	P	
19AU4	**1 080 230		19				120		REC		40mA	A08	R	
19BD	**1 23* **8		19				60		REC		16mA	B9A	R	
19BG6	021 040 350	A1	19	15	250	250	75	6	100	150	6	A08	P	
19BT7	141 213 651		19	2	175	100	9.7	5.9	200	100	6	B9A	P	
19C8	871 239 146		19	1	100		0.5	1.2	100		1.2	B9A	DDDT	
19CL8	461 237 514		18.9	{	0.85	150	15	8	100	60	8	B9A	TP	
					1	150	125	5.8	100	100	5			
19D3	541 237 464		19	{	100		10.5	7	100	60		B9A	TH	
					2.6	200	125	1.6	2.4	100	100	2.4		
19D8	541 237 464		19	{	100		12.5	3.7	100	60	3.7	B9A	TH	
					2.6	200	125	7.6	2.4	100	100	2.4		
19DC8	541 236 891		19	2	250	100	9	3.8	100	100		B9A	DDP	
19DE7	644 237 411		19.5	{	11	250	5.5		100			B9A	TT	
					17.5	150	35	6.5	100					
19EA8	645 237 114		18.9	{	1	150	18	8.5	100	60	8	B9A	TP	
					1	150	125	12	6.4	100	100			
19EH7	141 230 651		19	2	200	100	13	13	No Data Available			B9A	P	
19EJ7	141 230 651		18.9	2.5	200	200	10	15	No Data Available			B9A	P	
19EZ8	144 127 464		18.9	1	150		4.2	4.2	100		4.2	B9A	TT	
19FL8	541 236 891		19	1.5	200	100	11	4.5	100	100		B9A	DDP	
19G3	020 000 300	D1	4				30		REC		17mA	A08	R	
19G6	112 311 100	D1	4				30		REC		15mA	B7G	R	
19GQ7	17* 239 181		18.9				5		D			B9A	DDD	
19GV8	641 237 414		-18.9	{	1.6	100		6.5	100	60	6.5	B9A	TP	
						200	200	41	7.5	100	100			
19H1	002 300 000	D1	4				60		REC		23mA	B4	R	
19H4	020 000 300	D1	2.5				30		REC		13mA	A08	R	
19HR6	412 365 100		18.9	1.2	200	100	13.2	8.5	100	100		B7G	F	
19HS6	412 365 100		18.9	0.8	150	75	8.8	9.5	100	100		B7G	P	
19HV8	461 237 714		18.9	{	1.0	100		0.8	1.3	100	60	1.3	B9A	TP
					1.0	150	150	13	7	100	100	6		
19J6	762 344 100		19	1	100		8.5	5.3	100		5.3	B7G	TT	
19MR9	412 365 400		19	2.5	100	100	7	3.5	100	100	4	B7G	P	
19MV5	412 365 400		19	2	150	125	10	3.5	100	100	3.5	B7G	P	
19R3	001 230 008		19				180		REC		40mA	B9A	R	
19RL1	214 607 413		19	1.7	150		9	5.5	100		6	B9A	TT	
19RL2	641 237 410		19	8.5	250		10.5	2.2	100		2	B9A	TT	
19RP11	401 236 514		19	7	100	100	35	5.5	100	100		B9A	P	
19SU	**1 23* **8		19				120		REC		30mA	B9A	R	
19T8	791 238 146		19	3	250		1.0	1.2	150		1.2	B9A	DDDT	
19U3	**1 23* **8		19				120		REC		40mA	B9A	R	
19V8	681 234 719		19	3	250		1.0	1.2	100		1.3	B9A	DDDT	
19W3	**1 23* **8		19				120		REC		35mA	B9A	R	
19X3	**1 23* **8		19				120		REC		60mA	B9A	R	
19X8	146 231 457		19	{	1	100		8.5	5.8	100	60	5	B9A	TP
					1.8	250	150	7.7	5.6	100	150	4		
19Y3	**1 23* **8		19				120		REC		60mA	B9A	R	
19Y40	001 230 008		19				180		REC		40mA	B9A	R	
20	364 200 000		3	16.5	90		3	0.4	80		0.4	UX4	T	
20A1	645 231 700	G1	4	12.5	100		2.3		100	60	1.2	B7	TH	
				1.5	250	75	2.2		100	75	2.8			
20A3	412 316 100		6		400		50	6	No Data Available			B9A	P	
20D1	182 310 900		9.5				5		D			B7G	RR	
20D2	745 231 600	G1	13	{	7.5	100		3.8	100	60		B7	TH	
					1	250	100	2.5	100	100				

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
20D3	541 227 463		6	{ 1 100 3 250	100		3.6	100	100	60	3.6	B9A	TH	
20D4	541 237 164		6.3	{ 1 100 2 250	100		15	3.5	100	100	3.3	B9A	TH	
20EQ7	141 235 680		20	{ 1 100 2 250	100		9	10.9	100	100		B9A	DP	
20EZ7	223 146 741		10	{ 1 100 2 250	150			1.6	100	100	1.6	B9A	TT	
20F2	260 154 130		11	{ 1 100 2 250	150	150	27	10.6	100	100	9	B8A	P	
20J8	027 546 310	G1	20	{ 1.5 100 3 250	100		1.5		100	100		A08	H	
20L1	274 164 130		12	{ 1 100 2 250	100		10	2.8	100	100	2.8	B8A	TT	
20P1	020 540 310	A1	38	{ 1 100 2 250	200	200	80	6	100	100	5	A08	P	
20P2	020 540 310	A1	38	{ 1 100 2 250	250	250	13.5		100	100	10	A08	P	
20P3	026 540 310		20	{ 1 100 2 250	175		42	7.2	100	100	6	A08	P	
20P4	020 540 310	A1	38	{ 1 100 2 250	200	200	100	6	No Data Available	100		A08	P	
20P5	260 054 130		20	{ 1 100 2 250	150		29	7.5	100	100	7	A08	P	
20RDHV1	145 237 864		20	{ 1 100 2 250	100		1.2	1.6	100	100	1.5	B9A	DTF	
20Y1	023 100 080		20	{ 1 100 2 250	100		9	3.5	100	100		20mA	P8 R	
20Y40	000 230 008	C	20	{ 1 100 2 250	100		120		REC	REC	30mA	B9A	R	
21A6	*41 23* *51	A1	21.5	{ 1 100 2 250	200	200	40	6.0	100	100		B9A	P	
21A7	276 454 130		21	{ 1 100 2 250	100		1.3	3.5	100	100	60	B8B	TH	
21B6	041 230 051	A1	21	{ 1 100 2 250	200	200	45	6.5	100	100		B9A	P	
21CW7	146 234 117		21	{ 1 100 2 250	90		12	6	80	6		B9A	TT	
21DJ8	641 237 410		21	{ 1 100 2 250	90		15	12.5	No Data Available			B9A	TT	
21ES8	641 237 410		21	{ 1 100 2 250	100		15	12.5	No Data Available			B9A	TT	
21EX6	021 040 350	A1	21.5	{ 1 100 2 250	200	150	67	7.7	100	100		A08	P	
21L40	041 231 051	A1	21.5	{ 1 100 2 250	200	200	40	6	100	100		B9A	P	
21TB8	027 546 310	G1	21	{ 1 100 2 250	100		4	2	100	60	2	A08	TH	
22	365 200 000	G1	3	{ 1 100 2 250	150	50	1.7	0.3	125	60	0.5	UX4	P	
22AC	265 300 000	G1	2.5	{ 1 100 2 250	90	90	4	1.05	80	90	1	UX4	P	
22AQ3	*** 23* **8	C	22	{ 1 100 2 250	180		180	REC	REC	20mA		B9A	R	
22BHJ	*8* 23* 8*1		22.4	{ 1 100 2 250	180		180	REC	REC	40mA		B9D	R	
22DE4	001 080 230		22.4	{ 1 100 2 250	120		120	REC	REC	30mA		A08	R	
22FC7	146 234 117		21.6	{ 1 100 2 250	90		15	12.3				B9A	TT	
22JG6	541 231 5*6		22	{ 1 100 2 250	150	150	80	10	No Data Available			B9D	P	
22JUG	541 234 51*	A1	22	{ 1 100 2 250	150	100	45	7	100	100		B9D	P	
22S/101G	182 310 900		6.3	{ 1 100 2 250	90		5		No Data Available			B7G	R	
23	205 411 300	A1	2.5	{ 1 100 2 250	400	150	43		No Data Available			UX7	P	
24	264 300 000		2	{ 1 100 2 250	200		8	1.6	100	100	1.2	UX4	T	
24A	265 130 000	G1	2.5	{ 1 100 2 250	90	90	4	1	100	90	1	UX5	P	
24E	265 130 000	G1	2.5	{ 1 100 2 250	90	90	4	1	100	90	1	UX5	P	
24NG	281 193 000		40	{ 1 100 2 250	30		30	REC	REC	15mA		UX6	RR	
24S	265 130 000	G1	2.5	{ 1 100 2 250	90		4	1	100	90	1	UX5	P	
25	268 943 000		2	{ 1 100 2 250	150		1.0	0.5	125		0.5	UX6	DDT	
25	205 411 300	A1	6.3	{ 1 100 2 250	90	400	150	43	No Data Available	100		UX7	P	
25A6	026 540 310		25	{ 1 100 2 250	18	150	125	33	2.3	100	90	3.5	A08	P
25A7	126 548 310		25	{ 1 100 2 250	60		60	REC	REC	20mA		A08	RP	
25AC1D	206 008 030	G1	1.4	{ 1 100 2 250	150		0.76	0.4	100	90	1.8	A08	DT	
25AC5	026 040 310		25	{ 1 100 2 250	200		4	3.8	100		3.5	A08	T	
25AV5	021 060 350		25	{ 1 100 2 250	22.5	250	150	57	5.9	100	100	5.8	A08	P
25AX4	001 080 230		25	{ 1 100 2 250	120		120	REC	REC	30mA		A08	R	
25B5	267 413 000		25	{ 1 100 2 250	100		45	2.2	100		2	UX7	TT	
25B6	026 540 310		25	{ 1 100 2 250	100	150	61	5	100	100	5	A08	P	
25B8	127 561 340	G1	25	{ 1 100 2 250	100	100	0.6	1.5	100	60	1.5	A08	TP	
25BG6	021 040 350	A1	25	{ 1 100 2 250	150	150	70	5	No Data Available	100		A08	P	
25BK5	604 231 450		25	{ 1 100 2 250	5	250	250	35	8.5	100	150	8	B9A	P
25BQ6	020 540 310	A1	25	{ 1 100 2 250	22.5	250	150	55	5.5	100	100		A08	P
25C5	142 345 600		25	{ 1 100 2 250	7.5	150	100	49	7.5	100	90	6	B7G	P
25C6	026 540 310		25	{ 1 100 2 250	14	200	150	61	7.1	100	100	7	A08	P
25CA5	142 345 600		25	{ 1 100 2 250	4.5	150	125	36	9.2	125	125	9.2	B7G	P
25CD6	021 040 350	A1	25	{ 1 100 2 250	30	200	200	75	7.5	100	100	7.5	A08	P
25CR5	154 231 541		25	{ 1 100 2 250	22.5	250	150	65	6	100	100		B9A	P
25CJ6	020 540 310	A1	25	{ 1 100 2 250	300	150	80		No Data Available			A08	P	
25D4	001 080 230		25	{ 1 100 2 250	120		120	REC	REC	30mA		A08	R	
25D8	127 546 380	G1	25	{ 1 100 2 250	100	100	0.5	1.1	100	60	1.1	A08	DTF	
25DK4	002 380 100		25	{ 1 100 2 250	60		60	REC	REC	15mA		B7G	R	
25DN6	021 040 350	A1	25	{ 1 100 2 250	150	150	70	9	No Data Available			A08	P	

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
25DQ6	020 540 310	A1	25	22.5	250	150	75	6	100	100		A08	P	
25DT5	504 234 1*6		25	16.5	250	250	38	6.5	100	100		B9A	P	
25E2	541 227 365	A1	12.6	{ 2	200		6.5		100	100		B9A	TH	
25E5	020 540 310		25	21	200	100	4		100	100				
25EC6	021 040 350	A1	25		200	200	100	11	No Data Available			A08	P	
			25		150	100	70	7.5	No Data Available			A08	P	
25EH5	142 345 600	A	25	3.2	100	125	42	14.6	No Data Available			B7G	P	
25F5	142 345 600		25	7.5	100	100	37	5.8	No Data Available			B7G	P	
25F7	020 540 310	A1	25	21	150	150	100	11	100	100		A08	P	
25FG6	*2* 540 310		25	21	200	175	100	11	No Data Available			A08	P	
25FID	206 501 040	G1	1.4	2.5	150	125	1.2	0.7	100	100	0.7	A08	P	
25GB6	020 540 310	A1	25	22.5	250	150	6.5	6	100	100		A08	P	
25GY8	414 237 516		25	{ 1.5	150		2.5	2	100	60	2	B9A	TP	
25L6	026 540 310		25	{ 13.5	150	125	50	7	100	100				
25MK15	002 380 100		25	8.2	200	125	47	8	100	90	8	A08	P	
			25				25		REC		20mA	B7G	R	
25RE	281 193 000		25				30		REC	15mA		UX6	RR	
25S	268 943 000		2	3	150		0.8	0.6	100	0.6		UX6	DDT	
25SN7	461 471 230	D1 D2	25	8	250		9	2.6	100	2.5		A08	TT	
25TG	020 000 310		25				60		REC	15mA		A08	RR	
25U4	001 080 230		25				120		REC	30mA		A08	R	
25V5	028 190 310		25				60		REC	20mA		A08	R	
25V4	001 080 230		25				120		REC	30mA		A08	R	
25V6	026 540 310		25	8.5	250	125	46	8	100	100	8	A08	P	
25V9	001 080 230		25				120		REC	30mA		A08	R	
25X4	020 080 310		25				120		REC	30mA		A08	R	
25X5	020 080 310		25				120		REC	30mA		A08	R	
25X6	028 190 310		25				30		REC	15mA		A08	RR	
25Y4	020 080 310		25				60		REC	20mA		A08	R	
25Y5	281 193 000		25				60		REC	40mA		UX6	RR	
25Y5G	028 190 310		25				60		REC	40mA		A08	RR	
25Y6	028 190 310		25				30		REC	15mA		A08	RR	
25Z3	281 300 000		25				60		REC	20mA		UX4	R	
25Z4	028 080 310		25				120		REC	60mA		A08	R	
25Z5	291 183 000		25				60		REC	60mA		UX6	RR	
25Z6	029 180 310		25				60		REC	60mA		A08	RR	
26	264 300 000	C	1.5	10	150		5.5	1.1	100		1.1	UX4	T	
26AE6	*** 23* **8		26						D			B9A	R	
26AG	412 365 100		26	1.8	250	250	10.5	4	100	100	4	B7G	P	
26A7	414 752 360		26	4.5	30	30	20	5.5	No Data Available			A08	PP	
26AQ8	641 237 410		26	1.5	200		8.7	6	100	6		B9A	TT	
26B6	026 540 310	A1	35	18	250	125	33	2.3	100	90	2.3	A08	P	
26BK6	412 389 600		26	2	250		1.2	1.6	150		1.6	B7G	DDT	
26BQ6	020 540 310		25	22.5	250	150	55	5.8	100	100		A08	T	
26C6	412 398 600		26	9	250		9.5	1.9	100		1.9	B7G	DDT	
26CG6	412 365 100		26		250	150	9	2	100	100		B7G	P	
26D6	412 365 100		26	0	100	100	2.7	7.2	100	100	6	B7G	H	
26E6	026 540 310		26	14	200	125	60	7.1	100	100	7	A08	P	
26GJ	281 193 000		40				30		REC	15mA		UX6	RR	
26J5V	801 229 013		13				30		REC	15mA		B9A	RR	
26Z6	801 239 010		26				60		REC	15mA		B9A	RR	
27	264 130 000		2.5	21	250		5.2	0.9	100	0.9		UX5	T	
27BL8	645 237 114		27	{ 2	100		14	5	100	60	5	B9A	TP	
27S	264 130 000		2.5	{ 2	200	175	10	6.2	100	100				
27SU	320 080 210		13	21	250		5.2	0.9	100		0.9	UX5	T	
27SV	230 080 310		13				120		REC	70mA		A08	R	
28AK8	811 239 146		13				180		REC	40mA		A08	R	
			28	2	200		1.3	1.5	100	1.4		B9A	DDDT	
28AX8	811 239 146		28	1	100		0.8	1.4	100		1.4	B9A	DDDT	
28D7	245 671 430		28	3.5	30	30	12.5	3.4	No Data Available			B8B	PP	
28Z5	208 009 130		28				60		REC	20mA		B8B	RR	
29	264 413 000		2.5	3	200		4.5	1.4	100		1.4	UX6	T	
29C1	220 283 330		4						D			A08	D	
29GK6	141 230 651	C	28.6	7.4	250	250	48	11.3	No Data Available			B9A	P	
30	364 200 000		2	9	150		3	0.9	100		0.9	UX4	T	
30A5	142 345 600		30	6.7	100	100	43	9.2	100	100		B7G	P	
30AE3	*** 23* **8		30						D			B9A	D	
30C1	645 237 114		9	{ 2	100		14	5	100	60	5.1	B9A	TP	
				{ 2	200	200	10	6.6	100	150	6			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
30C13	645 237 114		9	2	100		14	5	100	60		B9A	TP
30C15	157 236 414		9	2	150	175	10	6.2	100	100		B9A	TP
30C17	157 236 414		7.4		200	125	7.6	8.5	100	100		B9A	TP
30F5	141 230 651		7.5	0.8	200	150	6.4	8.5	100	100		B9A	TP
30F27	141 230 651		3.7	1.2	200	150	13.5	15	100	100		B9A	P
30FL1	641 237 541		9.4	7.9	200		10	3.6	100	60		B9A	TP
30FL12	641 237 541		10	2.1	200	200	10	7.5	100	100		B9A	TP
30FL13	641 237 541		10	4.9	150		10	3.7	100	60	3.7	B9A	TP
30FL14	657 231 414		7.4	2.9	200	200	10	12.5	100	100		B9A	TH
30GP9	026 543 100		30		200	200	45	3.5	100	100		A08	P
30L1	147 234 116		7.5	3.4	150		26	6.6	100		6	B9A	TT
30L15	147 234 116		7	1.2	90		15	9	80		8	B9A	TT
30L17	146 234 117		7.2	6	75		15	16.5	No Data Available			B9A	TT
30P4	020 540 310	A1	25	21	200	200	100	11	No Data Available			A08	P
30P12	*41 23* 6*5		12	10.3	200	200	31	6.7	100	100		B9A	P
30P14	026 540 310		13	9.4	200	200	42	7.2	100	100		A08	P
30P16	041 230 605		16	14.2	200	200	45	8.2	100	100	7	B9A	P
30P18	041 23* 6*5		16	6	200	200	34	10	No Data Available			B9A	P
30P19	*2* 540 310	A1	6.3	15	400	175	100	15	No Data Available			A08	P
30PL1	641 237 154		13	7.9	200		10	3.4	100	60		B9A	TP
30PL12	414 237 516		16	9.6	200	200	28	6	100	100		B9A	TP
30PL13	414 237 516		16		100		3.5	2.5	100	60		B9A	TP
30PL14	414 237 516		16	16	200	200	35	6.4	100	100		B9A	TP
30X	264 300 000		2	7.9	200		10	3.4	100	60		B9A	TP
31	364 200 000		2	20	250	250	77	10	100	100		B9A	TP
31A3	280 000 130		31	7.7	200		10	3.4	100	60		B9A	TP
31AV3	*41 23* **8		31	15	150	150	50	7.6	100	100		B9A	TP
31BX7	461 471 230		31.5	17	250		60	7.2	No Data Available			A08	TT
31Z	244 300 000	A1/A2	6	100	400		75	2.8	No Data Available			UX4	TT
32	365 200 000	G1	2	15	400		75		No Data Available			UX4	TT
32A8	414 237 516		32	3	150	75	1.7	0.6	100	75	0.6	UX4	P
32E	365 200 000	G1	2	1	100		1	1.9	100	60		B9A	TP
32ET5	142 345 600		32	16	200	200	35	6.4	100	100	7	UX4	P
32L7	126 548 310		32.5	3	150	75	1.7	0.6	100	75	0.6	UX4	P
33	364 520 000		2	7.5	100	100	30	5.5	100	100		B7G	P
33/100A	020 440 310	A1.A2	6	60	REC		20mA					A08	TT
33A/101K	641 227 413		6.3	2	250		1.2	1.6	100			B9A	TT
33A/138A	204 140 300	A1.A2	7	7	250		15	3	100		3	UX7	TT
33A/158H	216 447 130		6	5	200		20	2.8	200		2.8	B8B	TT
33B/152H	421 342 134	A1.A2	6	1	300		40	18.5	No Data Available			B9G	TT
34	204 140 300	A1/A2	6.3	36	300		80	4.4	No Data Available			UX7	TT
34	365 200 000	G1	2	3	150	75	2.8	0.6	100	75	0.6	UX4	P
34E	365 200 000	G1	2	3	150	75	2.8	0.6	100	75	0.6	UX4	P
34GD5	142 315 600		34	7.5	100	100	35	5.7	100	100		B7G	P
35	265 130 000	G1	2.5	3	250	90	6.5	1	100	75	1	UX5	P
35A3	002 380 100		35		60		60		REC		20mA	B7G	R
35A5	265 004 130		35	8	200	100	41	5.9	100	90	5.9	B8B	P
35B5	412 365 400		35	7.5	150	100	40	5.8	100	90	5.8	B7G	P
35C3	002 380 100		35		60		60		REC		20mA	B7G	R
35C5	142 345 600		35	7.5	150	100	40	5.8	100	90	5.8	B7G	P
35CD6	021 040 350	A1	35	30	200	175	75	7.7	100	100		A08	P
35D5	401 236 050		35	10.5	200	175	52	9.5	100	100		B9A	P
35DZ8	414 237 516		35		150		0.8	1.4	100	60		B9A	TP
35EH5	142 345 600		35	62	150	125	45	7.5	100	100		B7G	P
35F4	412 365 400		35	7.5	100	100	41	5.8	100	100	6	B7G	P
35F6	041 230 665		35	23	250	200	55	5	100	100		B9A	P
35F85	521 441 350	A1	35	22.5	200	150	100	10	No Data Available			B8A	P
35GD5A	142 345 600		34	7.5	100	100	45	7.5	100	100		B7G	P
35GL6	142 253 600		35	7.5	100	100	45	7.5	100	100		B7G	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
35HB8	416 235 714		35		100		2.5	3.9	100	60		B9A	TF
35L6	026 540 310		35	7.5	100	100	32	6.2	100	100			
35L31	412 365 400		35	13	200	200	40	5.8	100	90	5.8		
35QL6	451 236 154		35	11.5	200	200	55	H	100	100	8		
35R1	002 382 100		35				52	9.5	100	100	8.3		
35R2	002 380 100		35				60		REC		30mA	B7G	RR
35RE	281 193 000		35				60		REC		20mA	UX6	R
35S	265 120 000	G1	2.5	3	250	90	6.5	10.8	100	90	1.8	UX5	P
35V4	002 383 100		27.5				60		REC		70mA	B7G	R
35X4	002 380 100		35				60		REC		20mA	B7G	R
35I4	280 200 130		27.5				60		REC		20mA	B8B	R
35I5	280 200 130		27.5				60		REC		20mA	B8B	R
35I31	002 380 100		35				120		REC		20mA	B7G	R
35I3	280 000 130		35				120		REC		60mA	B8B	R
35Z3LT	280 000 130		35				120		REC		60mA	B8B	R
35Z4	020 080 310		35				120		REC		60mA	A08	R
35Z4GT	020 080 310		35				120		REC		60mA	A08	R
35Z5	022 080 310		27.5				60		REC		60mA	A08	R
35Z6	028 190 310		35				60		REC		20mA	A08	RR
36	265 130 000	G1	6	3	250	90	3.2	1	100	90	1	UX5	P
36AM3	002 283 100		36				60		REC		15mA	B7G	R
37	264 130 000		6	18	250		7.5	1.1	100		1.1	UX5	T
38	265 130 000	G1	6	18	200	200	14	1	100	100	1	UX5	P
38A3	**1 23* **8		38				60		REC		20mA	B9A	R
38R3	001 230 008		38				180		REC		40mA	B9A	R
39	260 501 300	G1	6.3	3	250	90	5.8	1	100	90		B7G	P
39	265 130 000	G1	6	3	200	90	5.8	1	100	90	1	UX5	P
40	364 200 000		5	1.5	200		0.2	0.2	150		0.2	UX4	T
40PPA	045 231 600		40	25	150	150	36	2	100	100	4	B7	P
40SUA	802 310 000		40				60		REC		60mA	B5	R
40Z5	022 080 310		35				120		REC		30mA	A08	R
41	265 413 000		6	18	250	250	32	2.3	100	100	2.3	UX6	P
41E	265 413 000		6	18	250	250	32	2.3	100	100	2.3	UX6	P
41FP	642 310 000		6	18	250		19	2.8	100		2.8	B5	T
41H	026 540 310		6	18	250	250	32	2.3	100	150	2.3	A08	P
41HMG	652 310 000	G1	4	0	150	100		0.2	150	100	0.2	B5	P
41HNI	642 310 000		4	1.5	200		3.2		100		4	B5	T
41HNP	642 310 000		4	2	150		2.5	2.8	125		2.8	B5	T
41HNL	642 310 000		4	3	200		4	3.1	100		4.5	B5	T
41MLP	642 310 000		4	4.5	200		7.5	1.9	125		1.9	B5	T
41MP	642 310 000		4	7.5	200		24	6.0	100		7.5	B5	T
41MPG	454 231 600	G1	4	1.5	250	100	3.3		100	100		B7	H
41MPT	041 231 500	A1	4	1.5	250	100	12	4.8	100	100	4.8	B7	P
41MRC	642 310 000		4	1	200		2.5	2.6	150		2.6	B5	T
41MSG	465 230 574		4	1.5	150	60	0.8	2.5	100	60	2.5	B9	PP
41MSG	542 310 000		4	1.5	150	60	0.8	2.5	100	60	2.5	B5	P
41MTA	642 310 000		4	1	100		4.9	4	100		4	B9	T
41MTB	642 310 000		4	1	100		3.6	2.6	100		2.6	B5	T
41MTL	642 310 000		4	2.5	200		5.9	3	100		3	B5	T
41MTS	645 231 700		4	1	250	100	5	1.6	100	100	1.6	B7	PP
41MXP	642 310 000		4	12.5	200		40	6	100		7.5	B5	T
41MYSG	542 310 000	A1	4	1.4	200	200	3	2	100	100	2	B5	P
41STH	645 231 700	G1	4	1.5	100		2		100	60	1.6	B7	TH
42	264 300 000		1.5	13.5	200	60	1		100	60	2.5		
42	265 413 000		6	16.5	250	250	34	2.5	100	150	2.5	UX6	P
42E	265 413 000		6	16.5	250	250	34	2.5	100	150	2.5	UX6	P
42MP/PEN	045 231 600		4	5.5	250	250	32	6	100	150	7	B7	P
42MPT	041 231 500	A1	4(5)	3	200	200	34	8.5	100	150	8	B7	P
42/OT	045 231 600		4	5.5	250	275	34	7	100	150	7	B7	P
42OTDD	968 231 500	G1	4	5.5	250	250	34	7	100	150	7	B7	DDP
42ITB	061 231 500	G1	4	3	200	200	34	8.5	100	150	8	B7	P
42SPT	041 231 500	A1	4	10.5	250	250	64	11	100	150	10	B7	P
43	265 413 000		25	18	150	125	33	2.3	100	100	2.3	UX6	P
43E	265 413 000		25	18	150	125	33	2.3	100	100	2.3	UX6	P
43MG	026 540 310		25	18	250	125	33	2.3	100	100	2.3	A08	P
43IU	892 300 000		4				60		REC		20mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
44	265 130 000	G1	6	3	200	90	5.8	1	100	90	1	UX5	P	
44A/160H	241 657 143		6	14	250	250	30	3.9	100	100	3	B9G	FP	
44GV8	415 237 146		44	{ 1.7	250	250	1.2	1.6	100	60	1.4	B9A	TP	
44TIU	892 300 000		4	7	250	250	36	10	REC	100		50mA	B4	RR
44SIU	802 300 000		4				30		REC		15mA	B4	R	
45	264 300 000		2.5	50	250		34	2.1	100		2.1	UX4	T	
45A	264 300 000		2.5	68	325		43	2.3	100		2.3	UX4	T	
45A5	26* *54 130		45	9	200	200	54	9.5	100	100	7	B8A	P	
45B5	041 23* 6*5		45	12.5	200	200	70	10	100	100		B9A	P	
45BQ5	041 23* 6*5		45	12.5	300	175	70	10	100	100		B9A	P	
45DQ8	461 237 145		45	{ 1.7	200		3	4	100	60	4	B9A	TP	
				{ 12.5	200	175	70	10	100	100				
45DX8	461 237 145		45	{ 1.7	200		3	4	100	60		B9A	TP	
				{ 2.1	200	175	18		100	100				
45TIU	892 300 000		4				120		REC		30mA	B4	RR	
45LIU	206 540 130		45	13	200	200	45	7.5	100	100	7	A08	P	
45Z3	28* 108 300		45				60		REC		70mA	BTG	R	
45Z5	022 080 310		37.5				60		REC		20mA	A08	R	
46	264 630 000		2.5	33	250		22	2.3	100			UX5	T	
47	264 530 000		2.5	16.5	250	250	31	2.5	100	150	3.8	UX5	P	
48	265 413 000		30	10	100	100	52	3.8	100	90	3.8	UX6	P	
48A8	414 237 516		48	{ 11.5	150	150	41	3.5	2.5	100	60	2.5	B9A	TP
								7.5	100	100				
49	264 630 000		2	20	150		6	1.1	100		1.1	UX5	T	
49	265 413 000		6.3	50	400	250	95		No Data Available			UX6	P	
50	264 300 000		7.5	70	400		55	2.1	100		2.1	UX4	T	
50A5	265 004 130		50	7.5	150	100	49	8	100	90	7	B8B	P	
50AX6	028 190 310		50				120		REC		30mA	A08	RR	
50B5	412 365 400		50	7.5	150	100	49	7.5	100	90	6	BTG	P	
50BC1D	206 089 030	G1	1.4	0.5	90		1.4	0.8	80			A08	DDT	
50BK5	604 231 450		50	5	250	250	35	8.5	100	150		B9A	P	
50BM8	414 237 516		50	{ 10	100		3.5	2.5	100	60		B9A	TP	
				{ 10	150	150	41	7.5	100	100				
50C5	142 345 600		50	7.5	150	100	49	7.5	100	90	6	BTG	P	
50C6	026 540 310		50	13.5	150	150	58	7	100	100	7	A08	P	
50CID	206 089 030	G1	1.4	1.5	100		1.5	0.9	100		0.9	A08	DDT	
50CA5	142 345 600		50	4.5	150	125	37	9.2	No Data Available			BTG	P	
50CD6	021 040 350	A1	50	30	200	200	75	7.5	100	100	7	A08	P	
50DC4	002 363 100		25				60		REC		20mA	BTG	R	
50EH5	142 345 600		50	3.2	100	125	42	14.6	No Data Available			BTG	P	
50F2	412 365 400		50	7.5	100	100	50	7.5	100	100		BTG	P	
50F2D	206 501 030	G1	1.4	1.5	100	125	1.4	1	100	100	1	A08	P	
50FA5	142 345 600		50	7.5	100	100	40	5.8	100	100		BTG	P	
50FE5	026 540 310		50	16	150	150	80	9.5	100	100		A08	P	
50FK5	142 345 600		50		100	100	32	12.8	No Data Available			BTG	P	
50F18	414 237 516		50	{ 1.5	150		2.5	2	100	60		B9A	TP	
				{ 13.5	150	125	50		100	100				
50LID	206 540 030		1.4	4.5	100	125	4.8	1	100	100	1	A08	P	
50L6	026 540 310		50	8.2	200	125	46	9.5	100	75	8	A08	P	
50R4	080 230 901		50				60		REC		40mA	B9A	RR	
50RP1	141 236 518		50	{ 1	200	100	9	4.5	100	100	4	B9A	RP	
50X6	219 008 130		50				60		REC		20mA	B8D	RR	
50TIU	388 208 120		45				120		REC		30mA	A08	R	
50T6	029 180 310		50				60		REC		20mA	A08	RR	
50T7	028 193 310		46				60		REC		20mA	A08	RR	
50Z6	029 180 310		50				120		REC		30mA	A08	RR	
50Z7	029 183 310		48				60		REC		20mA	A08	RR	
51	265 130 000	G1	2.5	3	250	90	6.5	10.5	175	90	10	UX5	P	
52	264 530 000		6	1	250	100	41	2	125	100	2	UX5	P	
52KU	030 908 020		5				60		REC		30mA	A08	RR	
53	274 146 300		2.5	5	250		3	1.6	100		3.1	UX7	TT	
53KU	030 908 020		5				120		REC		40mA	A08	RR	
54KU	030 908 020		5				120		REC		60mA	A08	RR	
55	269 813 000	G1	2.5	20	250		8	1.1	100		1.1	UX6	DDT	
55A/165H	245 761 430		12	15	150	150	60	4	100	100		B8G	FP	
55N3	**1 23* **8		55				120		REC		30mA	B9A	R	
56	264 130 000		2.5	12.5	250		5	1.4	100		1.4	UX5	T	
56AS	264 130 000		6	13.5	250		5	1.4	100		1.4	UX5	T	
57	265 113 000	G1	2.5	3	250	100	2	1.2	100	100	1.2	UX6	P	
57AS	265 113 000		6	3	250	100	2	0.2	100	100	1.2	UX6	P	
58	265 113 000	G1	2.5	3	250	100	8	1.5	100	100	1.5	UX6	P	
58AS	265 113 000		6	3	250	100	8	1.5	100	100	1.5	UX6	P	
58TP1	417 237 564		58	{ 2	200		4	1.5	100	60	1.5	B9A	TP	
				{ 31	250	250	38	2.5	100	100				

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
59	265 411 300		2.5	18	250	250	35	2.5	100	150	2.5	UX7	P
59B	265 410 300		2.5	26	250	250	26	6	100	150	6	UX7	P
60	200 300 000	D1/D2	5				120		REC		30mA	UX4	RR
60/250	892 300 000		4				30		REC		15mA	B4	RR
60E3	002 380 100		60				60		REC		20mA	B7G	R
60FX5	142 345 600		60	62	100	100	36	13.5	No Data Available			B7G	P
61BT	020 540 310	A1	6	20	200	200	40	4	100	100	4	A08	P
61SPT	520 604 310		6	10.5	250	250	64	11	100	150	10	A08	P
62DDT	264 098 130		6	3	250		1	1.3	150		1.3	B8A	DDT
62TH	276 454 130		6	2	100		5	2.2	100	60	2.6	B8A	TH
				2	150	100	8	2	100	100	3.5		
62VP	261 154 130		6	2.5	250	100	6	2.2	100	100	2	B8A	P
63SPT	256 101 403		6	2	250	250	10	6.5	100	150	6	B9G	P
63TI	641 237 154		6	2.3	100		4	1.4	100	60	1.4		
				8	200	200	17.5	3.3	100	150	3	B9A	TP
63TP	641 237 154		6.3	2.3	100		4	1.9	100	60	1.4		
64	260 101 300	G1	6.3	3	200	200	17	3.3	100	150	3	B9A	TP
				3	200	90	3.1	1	100	100		B7G	P
64	265 130 000	G1	6	3	200	90	3.1	1.05	100	90	1.05	UX5	P
64A	260 101 300	G1	6.3	3	200	90	3.1	1	100	100		B7G	P
65	265 130 000	G1	6	3	200	90	4.5	1	100	90	1	UX5	P
66KU	280 009 130		6				30		REC		15mA	B8A	RR
67	264 130 000		6	9	150		5	1.1	100		1.1	UX5	T
67PT	261 054 130		6	7	250	250	36	10	100	150	9	B8A	P
68	265 130 000	G1	6	13.5	150	90	14	1.4	100	75	1.4	UX5	P
68A	265 130 000	G1	6	13.5	150	125	14	1.4	100	100		UX5	P
69	264 413 000		6	3	200		4.5	1.4	150		1.5	UX6	T
70	264 413 000		6	6	200		2.3	0.5	150		0.5	UX6	T
70A7	126 548 310		70				60		REC		15mA		
				7.5	150	100	40	5.8	100	90	5.8	A08	RP
70L7	126 541 380		70				60		REC		20mA		
				7.5	125	100	40	7.5	100	90	6.5	A08	RP
71	264 300 000		5	40	200		20	1.7	100		1.7	UX4	T
71A	264 300 000		5	16.5	90		10	1.4	80		1.4	UX4	T
71B	264 300 000		5	40	200		20	1.7	100		1.7	UX4	T
75	020 000 300	A1/G1	6	60	400		82		No Data Available			A08	T
75	269 813 000	G1	6	2	250		0.9	1.1	150		1.1	UX6	DDT
76	264 130 000		6	13.5	250		5	1.4	100		1.4	UX5	T
77	265 113 000	G1	6	3	250	100	2.3	1.25	100	100	1.2	UX6	P
77E	265 113 000	G1	6	3	250	100	2.3	1.25	100	100	1.2	UX6	P
78	265 113 000	G1	6	3	250	125	10.5	1.65	100	100	1.6	UX6	P
78E	265 113 000	G1	6	3	200	75	4	1.1	100	75	1.1	UX6	P
79	264 173 000		6.3		250		10.6		100			UX6	TT
80	298 300 000		5				60		REC		20mA	UX4	RR
80A	298 300 000		5				60		REC		20mA	UX4	RR
80HK	380 200 000		5				60		REC		15mA	UX4	R
80M	289 300 000		5				60		REC		20mA	UX4	RR
80S	289 300 000		5				60		REC		20mA	UX4	RR
81	280 300 000		7.5				60		REC		20mA	UX4	R
81M	280 300 000		7.5				60		REC		20mA	UX4	R
82	289 300 000		2.5				60		REC		20mA	UX4	R
82V	289 300 000		2.5				60		REC		20mA	UX4	RR
83	289 300 000		5				120		REC		20mA	UX4	RR
83V	289 300 000		5				60		REC		60mA	UX4	RR
84	289 130 000		6				30		REC		30mA	UX5	RR
85	269 813 000	G1	6	20	250		8	1.1	100		1.1	UX6	DDT
85AS	268 913 000	G1	6	20	250		8	1.1	100		1.1	UX6	DDT
85S	268 913 000	G1	6	10.5	250		3.7	0.7	125		1.1	UX6	DDT
88	289 300 000		5				60		REC		20mA	UX4	RR
89	265 113 000	G1	6	10	100	100	9.5	1.2	100	90	1.2	UX6	P
90	264 413 000		2.5		150		3.5	1.4	150		1.4	UX6	T
90AC	642 310 000		4	12.5	200		40	7.5	100		7	B5	T
92	264 413 000		6		250		3.5	1.4	100		1.4	UX6	T
95	265 413 000		2.5	20	350	300	42	2.3	100	150	2.3	UX6	P
96	281 300 000		10				120		REC		30mA	UX4	R
98	289 130 000		6				30		REC		15mA	UX5	RR
99V	426 300 000		3.3	4.4	90		2.5	0.4	100		0.4	UX4	T

VALVE	SELECTOR SWITCH No.	T.C.	V _I	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	I _a mA	mA/V	Anode Volts	Screen Volts	mA/V		
99X	264 300 000		3.3	4.5	90		2.5	0.4	100		0.4	UX4	T
100AC	642 310 000		4	6	200		5	2	100			B5	T
104V	642 310 000		4	1	100		15	3.5	100		3.5	B5	T
100/200LLD	346 547 220		1.4	9.4	150	125	4		100	100		A08	P
112A	364 200 000		5	4.5	90		5	1.5	80		1.5	UX4	T
114	020 000 300	A1G1	1.4		200		15		100			A08	T
114B	020 000 300	A1G1	1.4	4	200		12	1.1	100		1.1	A08	T
116/Pen	005 231 600	G1	11.5	1	100	100	7		100		6	B7	P
117DDP	541 236 891		17	2	250	150	5	2.2	100	100	20mA	B9A	DDP
117L7	126 458 310		117	5.2	100	100	60		REC		90	A08	RP
							43	5.3	100		5.3		
117M7	126 458 310		117	5.2	100	100	60		REC		20mA	A08	RP
117Z3	*02 381 000		117				43	5.3	100	90	5.3		
117Z4	020 080 310		117				60		REC		20mA	B7G	R
117Z6	029 180 310		117				60		REC		20mA	A08	R
120	642 310 000		2	12	150		12		REC		20mA	A08	RR
120VFA	041 230 500	A1	2	1	150	60	2.9	1.1	150	60	1.1	B7	P
121VF	26* *54 130		12.5		200	150	7.2	2.3	100	150	2.3	B8A	P
124AC	542 310 000	A1	4	1.4	200	60	1.6	0.9	100		0.9	B5	P
141DDT	264 089 130		14	1.5	200		1.5	1.6	100		1.5	B8A	DDT
141TH	276 454 130		14	2	100		5	2	100	60	2.8		
				2	250	100	8	2.2	100	75	1.5	B8A	TH
142BT	026 540 130		14	8.5	200	200	29	3.7	100	100	3.7	A08	P
144V	642 310 000		4	8	200		6	1.4	100		1.4	B5	T
154V	642 310 000		4	6	200		9	2	100		2	B5	T
163Pen	041 23* 6*5		16	10.4	200	175	53	9.5	No Data Available			B9A	P
164V	642 310 000		4	9	200		12	3.4	100		3.4	B5	T
171DDP	541 236 891		17	2	200	125	5	2.2	100	100	2	B9A	DDP
181	264 300 000		3	30	200		16	1	100		1	UX4	T
182	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
182A	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
182B	264 300 000		5	35	250		18	1.5	100		1.5	UX4	T
183	264 300 000		5	60	250		30	1.7	100		1.7	UX4	T
185BT	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	A08	P
185BTA	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	A08	P
200A	264 300 000		5	60			1.5	0.7	No Data Available			UX4	T
202DDT	809 231 600	G1	20	3	200		3	2.4	150		2.4	B7	DDT
202MPG	545 231 600	G1	20	1.5	200	100	3		100	100		B7	H
202SPB	061 231 500	G1	20	1.5	250	100	4.8	2.8	100	100	2.8	B7	P
202STH	645 231 700	G1	20	1.5	100		2		100	60		B7	TH
				1.5	200	60	1		100	60			
202VP	041 211 500	A1	20	1.5	250	100	4.3	2.2	100	100	2.2	B7	P
202VPB	061 231 500	G1	20	1.5	250	100	4.3	2.2	100	100	2.2	B7	P
203THA	545 231 600	G1	20	2	250	100	3.5		100	100		B7	H
205D	264 300 000		3.5	29	400		30		100		1.8	UX4	T
205E	264 300 000		4.5	22.5	350		29	1.9	100			UX4	T
205F	264 300 000		4.5	18	300		31	1.7	100			UX4	T
210DDT	682 390 000	G1	2	1	100		2.3	1.1	100		1.1	B5	DDT
210DET	642 300 000		2	4.5	150		3	1.1	100		1.1	B4	T
210DPT	041 230 500	A1	2	1	150	60	2.9	1.3	150	60	1.3	B7	P
210HP	642 300 000		2	3	150		1.6	1.5	100		1.5	B4	T
210HL	642 300 000		2	3	150		1.6	1.1	100		1.1	B4	T
210HPT	642 350 000		2	4.5	150	175	7.5	2.5	100	100	2.5	B5	P
210LP	642 300 000		2	4.5	150		4.8	1.4	100		1.4	B4	T
210PG	645 230 700	G1	2		150		1.1		150	60	0.4	B7	H
					150	40	0.4		150	75	1.5		
210PGA	645 230 700	G1	2		150		1.1		150	60	1.4	B7	H
210RC	642 300 000		2	0	150	40	0.4		150	75	1.5		
				1.5	150		0.8	0.8	150		0.8	B4	T
210SPG	645 230 700	G1	2		150		1.1		150	75	0.5	B7	H
					150	40	0.5		150		1.5		
210SPT	041 230 500	A1	2	1	150	60	1.9	1.1	100	60	1.2	B7	P
210T	264 300 000		7.5	32	350		16	1.5	100		1.5	UX4	T
210VFA	041 230 500	A1	2	1	150	60	2.9	1.1	150	60	1.1	B7	P
210VPT	041 231 500	A1	2	1	150	60	1.9	1.1	150	60	1.1	B7	P
213	289 300 000		5				30		REC		15mA	UX4	RR
213Pen	*41 23* *51	A1	21	22	200	200	45	6.2	100	100	6	B9A	P
215P	642 300 000		2	7.5	150		10	2.2	100		2.2	B4	T
215SG	542 300 000	A1	2	1	150	60	1.4	1.1	150	60	1.1	B4	P
217A	228 300 000		10				120		REC		30mA	UX4	R
220	200 300 000		2.5				15		REC		15mA	UX4	R
220B	446 230 700		2	3	150		5.0	1.5	100		1.5	B7	TT
220DD	892 310 000		2						D			B5	DD
220HPT	642 350 000		2	4.5	150	150	8	2.5	100	100	2.5	B5	P
220IPT	040 230 500	A1	2	1.5	150	60	2.2	1	100	60	1	B7	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
2200T	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
220P	642 300 000		2	7.5	150		11	2.2	100		2.2	B4	T
220PA	642 300 000		2	4.5	150		10	4	100		4	B4	T
220PT	642 350 000		2	9	150	150	19	2.5	100	100	2.5	B5	P
220SG	542 300 000	A1	2	1	150	60	1.5	1.6	100	60	1.6	B4	P
220TH	645 230 700	G1	2	3	100		1.7	1.2	100	60	1.2	B7	TH
220VS	542 300 000	A1	2	1	100	60	2	1.6	100	60	1.6	B4	P
220VSG	542 300 000	A1	2	1.5	150	60	2.6	1.5	100	60	1.6	B4	P
225DU	082 323 900		2				15		REC		10mA	B7	RR
230	642 300 000		2	20	150		18	3	100		3	B4	T
230	200 300 000	D1	2				30		REC		14mA	UX4	R
230PT	642 350 000		2	15	150	150	14	2	100	100	2	B5	P
230XP	642 300 000		2	18	150		22	3	100		2	B4	T
231D	264 300 000		3	3	90		2.1	8.4	100		0.5	UX4	T
240B	446 230 700		2	1	150		8.5		100			B7	TT
240QP	446 235 700		2	12	150	150	6		100	100	2.5	B7	PP
244	264 130 000		2	6	150		5.5	1	100		1	UX5	T
244V	642 310 000		4	5.5	200		5.5	2.8	100		2.8	B5	T
245A	265 130 000	G1	2	1.5	150	50	4.8	0.6	100	60		UX5	P
246A	365 200 000	G1	3.3	1.5	150	40	1.5	0.4	No Data Available			UX4	P
247A	206 040 030		2	4.5	150		3.2	0.9	100		0.9	A08	T
248A	026 510 310	G1	6.3		150	125	5.5	1.8	100	100		A08	P
249B	223 300 000	D1	2.5				120		REC		30mA	UX4	R
252A	264 300 000		5	50	400		60	3.4	100		3.4	UX4	T
255	268 943 000		2	3	150		0.8	0.6	100		0.5	UX6	DDT
257	264 530 000		5	21.5	100	100	20	1.3	100	90	1.3	UX5	P
257A	260 300 000	G1	3.1	3	90		2.1	0.5	80		0.5	UX4	T
259A	265 130 000	G1	2	1.5	200	75	5.5	1.4	100	75	1.4	UX5	P
259B	265 130 000	G1	2	1.2	200	75	5.5	1.4	100	75	1.4	UX5	P
262B	261 300 000	G1	10	4.5	150		2.8	0.9	100		0.9	UX4	T
264	264 300 000		1.1	9	150		2.5	0.6	100		0.6	UX4	T
264C	264 300 000		1.5	8	100		2.1	0.6	100		0.6	UX4	T
264E	264 300 000		1.4	8	100		2.1	0.6	100		0.6	UX4	T
271A	264 130 000		5	30	400		37.5	2.9	100			UX5	T
272A	264 130 000		10	15	150		5.4	0.7	100		0.7	UX5	T
274A	289 300 000		5				60		REC		20mA	UX4	RR
274B	289 300 000		5				60		REC		20mA	UX4	RR
275A	264 300 000		5	4.5	200		47	2.7	100		2.7	UX4	T
281A	264 530 000		5	60	150	75	35	1.5	No Data Available			UX5	P
283A	265 130 000	G1	2	1.5	200	75	5.9	1.3	100	75	1.3	UX5	P
285	265 130 000	G1	2	12	200	150	8.8	0.9	100	100	0.9	UX5	P
286A	265 113 000	G1	2	1.5	200	75	6.2	1.2	100	75	1.2	UX6	P
290A	265 113 000	G1	10	1.5	200	75	5.4	1.2	150		1.2	UX6	P
291A	275 641 300	G1	10	3	200		4.5		100	60		B7	H
292A	268 913 000	G1	10	7.5	200	75	3.1		100	75			
293A	268 913 000		10	6	150		2.1	0.6	100		0.6	UX6	DDT
293A	265 413 000		10	18	200	200	14.5	1	100	100	1	UX6	P
300A	364 200 000		5	97	400		80		No Data Available			UX4	T
300B	364 200 000		5	97	400		80		No Data Available			UX4	T
302	645 231 700	G1	30	2	100		1.5		100	60		B7	TH
303A	268 943 000		2	6	150	100	3.5		250	100		UX6	DDT
304AC	542 310 000	A1	4	2	200	100	3	1.9	100	100	1.9	B5	P
309A	265 413 000		10	1.5	200	75	4.8	1.1	100	60	1.1	UX6	P
310A	265 113 000	G1	10	3	150	150	5.5	1.8	100	100	1.8	UX6	P
310B	265 113 000	G1	10	3	150	150	5.5	1.8	100	100	1.8	UX6	P
311A	265 130 000	G1	10	15	150	150	30	2.8	100	100	2.8	UX5	P
311SU	28* *** 130		31				60		REC		20mA	B8A	R
324A	200 300 000	D1	5						D			UX4	R
328A	265 113 000	G1	7.5	3	150	150	5.5	1.8	100	100	1.8	UX6	P
329A	265 130 000	G1	7.5	15	150	150	37.5	3.3	100	100	3	UX5	P
329L	265 130 000	G1	7.5	15	150	150	37	3.3	100	100	3	UX5	P
332Pen	026 540 310		33	8.5	200	200	45	8	100	100	7	A08	P
336A	265 413 000		10	14	250	250	30	4.2	100	100		UX6	P
337A	265 113 000	G1	10	3	150	150	6.3	1.6	100	100	1.6	UX6	P
345A	289 130 000		6				60		REC		20mA	UX5	RR
347A	020 600 310	G1	6	4.5	150		2.8	0.9	100		0.9	A08	T
349A	026 540 310		6	14	250	250	30	4.2	100	150	4.2	A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
350B	026 540 310		6	20	400	250	85	6.2	No Data Available			A08	P
351A	028 090 310		1				120		REC	20mA		A08	RR
352A	268 913 000	G1	10	6	100		2.1	0.6	100	0.6		UX6	DDT
354V	642 310 000		4	4.5	250		6.5	3.6	100	3		B5	T
361A	243 560 000		1.4		50	40	0.4	0.6	No Data Available			UX5	P
362A	243 560 000		1.4		50	50	1.3	0.5	No Data Available			UX5	P
367A	060 524 310		6	20	400	250	85	6.2	No Data Available			A08	P
373A	021 455 360		2		150	150	2	1.3	100	1.3		A08	P
374A	021 405 360		3		150	125	18	3	125	3		A08	P
375A	026 540 310		20		40	40	12	4.7	No Data Available			A08	P
381A	120 080 300		6.3				5		D			A08	D
383A	120 406 030		6		150		7.5	2.8	100	2.8		A08	T
385A	125 040 130		6		150		7.5	2.5	100	2.5		A08	P
387A	125 040 130		6		150		5.6	4	100	3.8		A08	P
396A	214 607 413		6.3	2.2	150		8.2	5.5	100	6		B9A	TT
401A	265 300 000		5	9	50		1.5	0.8	No Data Available			UX4	T
402	264 300 000		3	40	200		40	1	100	1		UX4	T
402-OT	005 231 600	G1	40	12	250	250	32	7	100	150	7	B7	P
402P	000 231 600	G1	4	15	200		27	5.5	100		7.5	B7	T
402Pen	005 231 600	G1	40	6.7	200	200	40	7	100	100	7	B7	P
402PenA	005 231 600	G1	40	9	150	150	56	8	100	100	8	B7	P
403A	413 265 100		6	2.3	150	150	7	4.4	100	100	4	B7G	P
403B	412 365 100		6.3		200	125	7.7	5.1	100	100		B7G	P
404A	402 106 053		6.3		150	150	13.5	12.5	100	100		B9A	P
405BU	892 300 000		4				15		REC	10mA		B4	RR
406	642 300 000		4		150		5.5	0.5	100		0.5	B4	T
407A	214 637 412		20	2	150		8.2	5.5	100		5.5	B9A	TT
408A	412 365 100		20	2	150	125	7.5	5	100	125	5	B7G	P
408BU	892 300 000		4				15		REC	10mA		B4	RR
409A	410 065 100		6.3		150	125	5.2	3.2	100	100		B7G	P
410RP	642 300 000		4	2.5	200		0.2	0.2	100		0.2	B4	T
410P	642 300 000		4	16	250		12	1.8	100		1.8	B4	T
410PT	642 350 000		4	1	100	150		2.5	100	150	2.5	B5	P
410RC	642 300 000		4	2.5	200		0.2	0.2	100		0.2	B4	T
410SG	542 300 000	A1	4	1	200	100	4.5	0.9	100	100	0.9	B4	P
412BU	892 300 000		4				30		REC		17mA	B4	RR
412SU	802 300 000		4				60		REC		22mA	B4	R
415PT	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
415QT	642 350 000		4	25	300	200	20	1.8	100	150	1.8	B5	P
415SP	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
417A	602 441 443		6.3	1.5	150		25	25	No Data Available			B9A	T
420T	045 231 600		4	4.4	250	250	40	10.5	100	150	9	B7	P
425PT	642 350 000		4	17	250	150	12	1.3	100	100	1.3	B5	P
431U	892 300 000		4				60		REC		15mA	B4	RR
435A	402 106 053		6	10	200	150	13	16.3	No Data Available			B9A	P
436A	211 403 506		6.3	1.4	200	150	23	32	No Data Available			B9A	P
437A	304 002 116		6	10	150		40		No Data Available			B9A	T
441U	892 300 000		4				60		REC		20mA	B4	RR
442BU	892 300 000		4				60		REC		20mA	B4	RR
446A/B	021 000 310	A1/G1	6	3	250		15	4.5	100			A08	T
450	642 300 000		4	55	250		50	3.5	100		3.5	B4	T
450	264 300 000		7.5		400		55	2.1	100		2.0	UX4	T
450AC	542 310 000	A1	4		200	100	3.5	3	100	100	3	B5	P
451	892 300 000		1.8						REC			B4	RR
451PT	26* 554 130		45	9	200	200	54.5	9.5	100	100	7	B8A	P
451U	823 900 000		4				120		REC		30mA	B4	RR
460BU	892 300 000		4				60		REC		20mA	B4	RR
482A	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
482B	264 300 000		5	35	250		18	1.5	100		1.5	UX4	T
483	264 300 000		5	60	250		30	1.7	100		1.7	UX4	T
484V	642 310 000		4	2.5	200		0.2	1.2	100		1.2	B5	T
485	264 130 000		3	9	200		5.8	1.4	100		1.4	UX5	T
486	026 040 300		3	3	90		3	0.6	80		0.6	A08	T
500	892 300 000		4				30		REC		15mA	B4	RR
501	653 420 000		1.4	0	40	40	1	0.8	No Data Available			B5A	P
501AX	653 420 000		1.4	0	40	40	1	0.8	No Data Available			B5A	P
502AX	653 420 000		1.2	1.2	40	40	8.6	0.5	No Data Available			B5A	P
503AX	653 420 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	P
505AX	653 420 000		0.6	0	40	30	0.1	0.1	No Data Available			B5A	P
506	892 300 000		4				30		REC		15mA	B4	RR
506AX	653 420 000		1.2	4.5	40	40	1.2	0.5	No Data Available			B5A	P
506BU	892 300 000		4				30		REC		15mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
506K	892 300 000		2				30		REC	15mA	B4	RR	
506KB	892 300 000		4				30		REC	15mA	B4	RR	
507AX	265 436 200		2		40	40	0.9	0.5	No Data Available		B7G	P	
509	892 300 000		2				60		REC	20mA	B4	RR	
509AX	634 200 000		0.6		40		0.1	0.1	No Data Available		B5A	T	
511D	892 300 000		4				60		REC	20mA	B4	RR	
512AX	653 420 000		0.6	0.6	20	20	0.1	0.1	No Data Available		B5A	P	
515BX	634 200 000		0.6		40		0.1	0.1	No Data Available		B5A	T	
518AX	653 420 000		1.2	2	40	40	0.8	0.5	No Data Available		B5A	P	
520AX	653 420 000		0.6	2.5	40	40	0.2	0.1	No Data Available		B5A	P	
521AX	653 420 000		1.2	3	20	20	0.8	0.4	No Data Available		B5A	P	
522AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
523AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available		B5A	P	
524AX	653 420 000		1.2	1.7	12	12	0.4	0.3	No Data Available		B5A	P	
525AX	653 420 000		1.2	1.2	20	20	0.2	0.3	No Data Available		B5A	P	
526AX	653 420 000		1.2	1.5	20	20	0.4	0.4	No Data Available		B5A	P	
527AX	653 420 000		1.2	0	20	20	0.1	0.2	No Data Available		B5A	P	
528AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
529AX	653 420 000		1.2	1.2	12	12	0.3	0.3	No Data Available		B5A	P	
531DX	653 420 000		1.2	1.5	12	12	0.3	0.3	No Data Available		B5A	P	
532DX	653 420 000		1.2	0	20	20	0.4	0.4	No Data Available		B5A	P	
533DX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
536AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
537AX	653 420 000		1.2	1.5	20	20	0.4	0.4	No Data Available		B5A	P	
538A	741 226 413		6	2	250		10	5.5	200	5	B9A	TT	
539DX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available		B5A	P	
541DX	653 420 000		1.2	0	30	30	0.2	0.4	No Data Available		B5A	P	
542A	602 304 100		6	2	250		10	5.5	200	5.5	B7G	T	
542DX	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available		B5A	P	
542 UXS	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available		B5A	P	
543A	402 013 060		6	2.5	200		9.5	3.8	100	3	B8D	T	
543B	402 013 060		6	2.5	200		9.5	3.8	100	3	B8D	T	
544A	602 364 100		6	8.5	250		10.5	2.2	100	3	B7G	T	
544DX	653 420 000		1.2	0	30	30	0.1	0.3	No Data Available		B5A	P	
546A	802 309 100		6				30		REC	15mA	B7G	RR	
546DX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
547A	120 415 360		6	3	300	150	30	11	100	100	10	A08	P
547DX	653 420 000		1.2	0	40	30	0.2	0.4	No Data Available		B5A	P	
548A	762 344 100		6	0.8	100		8.5	5.3	100	5.3	B7G	TT	
548DX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available		B5A	P	
549A	192 310 800		6						D		B7G	DD	
550A	471 461 230		6	2	250		2.3	1.6	150	1.6	A08	TT	
553AXA	652 430 000		1.2	0	20	20	0.4	0.5	No Data Available		B5A	P	
559	021 010 030	D1					5		D		A08	R	
569AX	652 430 000		1.2		60	60	1.8	1.1	No Data Available		B5A	P	
573AX	624 300 000		1.2	4	90		11	2	80	2	B5A	T	
574AX	653 420 000		0.6	0.6	20	20	0.1	0.1	No Data Available		B5A	P	
578	8*1 239 146		4.7	3	250		1	1.2	100	1.3	B9A	DDDT	
605	642 300 000		4	6	150		10	1.4	100	1.4	B4	T	
608CX	623 410 000		6.3	2	150		9	5	100	5	B5A	T	
612BU	892 300 000		6				30		REC	15mA	B4	RR	
615	642 300 000		4	41	150		4	1.4	100	1.4	B4	T	
619CX	623 410 000		6.3	2	250		4		100		B5A	T	
620T	642 300 000		6	99	400		62	2.3	100	2.3	B4	T	
635GTX	026 040 310		6	20	350		20		100		A08	T	
660	642 300 000		6	100	400		120	2.3	100	2.3	B4	T	
660T	642 300 000		6	1	100			7.4	100	7.5	B4	T	
680XP	642 300 000		6	100	400		3.5	1.1	100	1.1	B4	T	
713A	021 415 350		6	2	150	125	7.5	4	100	100	4	A08	P
717A	021 415 360		6	2	150	125	7.5	4	100	100	4	A08	P
731A	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
801	364 200 000		7.5	15	400		60	2.5	100		UX4	T	
802	205 411 300	A1	6	18	400	250	30	2.2	100	150	2	UX7	P
805	642 300 000		6	6	150		10	1.4	100		1.4	B4	T
807	254 130 000	A1	6	12.5	400	250	83	6.5	100	150	6	UX5	P
816	200 300 000	D1	2.5				120		REC	30mA	UX4	R	
825	642 300 000		6		150		6	1.4	150		1.4	B4	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
825BU	892 300 000		7.5				60		REC		20mA	B4	RR
825B	245 134 200		6.3		300	250	25	1.9	No Data Available			B7A	FP
832	245 134 200	A1 A2	6.3		150	125	30	3.5	100	150	3.5	B7A	FP
832A	245 134 200	A1/A2	6.3		150	125	30	3.5	100	150	3	B7A	FP
836	2** 00* 300	D1	2.5				120		REC		30mA	B7G	R
837	205 411 300		12.6	40	400	150	45		No Data Available			UX7	P
840	254 130 000	A1	2	3	200	75	1	0.4	100	60	0.4	UX5	P
841	264 300 000		7.5	1	100			0.7	100		0.7	UX4	T
842	264 130 000		7.5	100	400		25	1.2	100		1.2	UX5	T
843	264 130 000		2.5	25	350		25	1.7	100		1.7	UX5	T
864	364 200 000		1.1	4.5	90		2.9	0.6	80		0.6	UX4	T
871	200 300 000	D1	2.5				120		REC		30mA	UX4	R
879	200 300 000	D1	2.5				5		D				
884	026 040 310		6		300		55	4d2	No Data Available			A08	THI
885	264 130 000		2.5		300		55	4d2	No Data Available			UX5	THI
904V	642 310 000		4	2	200		2	150			2	B5	T
950	041 230 500	A1	2	16.5	200	150	7	0.9	100	100	0.9	B7	P
951	265 300 000	G1	2	3	200	60	1.7	0.6	100	60		UX4	P
952P	288 310 000		6.3						D			5AA	D
954	213 154 000	A1	6.3	3	250	100	2	1.4	100	100		7AA	P
955	264 310 000		6.3	7	250		6.3	2.2	100			5AA	T
956	213 154 000	A1	6	3	250	100	6.7	1.8	100	100		7AA	P
957	322 460 000		1.2	5	150		2	0.6	100			5AA	T
958A	322 460 000		1.2	20	150				No Data Available			5AA	T
959	322 154 000	A1	1.2	3	150	60	1.7	0.6	100	60		7AA	P
985	289 130 000		5				30		REC		15mA	UX5	RR
986	289 300 000		5				60		REC		20mA	UX4	RR
994V	642 310 000		4	0.5	100			3.6	100		3.6	B5	T
1002	802 300 000		1.8				60		REC		25mA	B4	R
1005	008 092 030		6.3				30		REC		15mA	A08	RR
1006	289 300 000		1.7				120		REC		30mA	UX4	RR
1007	008 090 230		1.0				60		REC		20mA	A08	RR
1012	289 300 000		1.7				120		REC		30mA	UX4	RR
1028	202 322 200	D1	6				60		REC		23mA	B7G	R
1103	809 231 600	G1	13	2	250		1.5	1.5	100		1.2	B7	DDT
1130	892 300 000		1.8						D			B4	DD
1201	426 141 630		6	3	200		5.5	3	150		3	B8B	T
1201	892 300 000		2.5				30		D			B4	DD
1203	200 800 130		6						D			B8B	D
1203A	200 800 130		6						D			B8B	D
1204	526 141 310		6	2	250	100	1.7	1.2	100	100	1.2	B8B	P
1206	265 441 730		6	2.5	250	100	4.5	2.1	100	100	2.1	B8B	FP
1221	165 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
1222	265 403 100		6.3	18	350	250	54	5.2	100	150	5.2	A08	P
1223	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P
1229	265 300 000	G1	2	3	150	75	1.7	0.6	100	75	0.6	UX4	P
1230	264 300 000		2	9	150		3		100			UX4	T
1231	265 104 130		6	30	300	200	13	6.3	100	100	6.3	B8B	P
1232	265 114 130		6	2	250	100	6	4.5	100	100	4.5	B8B	P
1216A	313 682 220		2						D			A08	D
1234	245 671 450		28	3.5	40	30	12.5	3.4	No Data Available			B8B	FP
1247	000 230 000	D1	0.6						D			B8A	D
1273	265 104 130		6	3	250	100	2.2	1.5	100	100	1.5	B8B	P
1274	028 090 310		6				30		REC		15mA	A08	RR
1275	289 300 000		5				120		REC		30mA	UX4	RR
1276	264 300 000		4.3	45	250		60	5.2	100			UX4	T
1280	265 104 130		12.5	3	250	100	2.2	1.5	100	100	1.5	B8B	P
1282	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B	P
1284	265 104 130		12.5	3	250	100	9	2	100	100	2	B8B	P
1288	364 240 730		1.4		90		5.2	1.8	80		1.8	A08	TT
1291	274 304 620		1.4		90		5.2	1.8	80		1.8	A08	TT
1292	364 204 730		1.4		90		5.2	1.8	80		1.8	A08	TT
1293	260 064 030		1.4		90		4.7	1.3	80		1.3	B8B	T
1294	200 800 130		1.4						D			A08	D
1299	365 004 230		1.4	4.5	150	90	10.2	2.4	100	90	2.4	B8B	P
1560	289 300 000		5				60		REC		20mA	UX4	RR
1560	892 300 000		5				60		REC		20mA	B4	RR
1561	892 300 000		4				60		REC		20mA	B4	RR
1562	280 300 000		7.5				120		REC		30mA	UX4	R
1602	264 300 000		7.5	23.5	250		10	1.3	100		1.3	UX4	T
1603	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
1608	264 300 000		2.5	90	400		95		No Data Available			UX4	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
1609	364 520 000		1.1	1.5	150	75	2.5	0.7	100	75	0.7	UX5	P
1610	264 530 000		2.5	16.5	250	250	31	2.5	100	150	3.8	UX5	P
1611	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
1612	026 540 310	G1	6	3	250	100	5.3	1.1	100	100	1.1	A08	H
1613	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
1614	026 540 310		6	18	350	250	54	5.2	100	150	5.2	A08	P
1616	200 300 000	D1	2.5				120		REC	30mA	UX4	R	
1619	026 540 310		2.5	10	300	250	45	4.5	100	150	4.5	A08	P
1620	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P
1621	026 540 310		6	16.5	250	250	34	3.5	100	150	2.5	A08	P
1622	026 540 310		6	18	350	250	54	5.2	100	100	5.2	A08	P
1624	205 401 300	A1	2.5	10	300	250	45	4.5	100	150		UX7	P
1625	205 401 300	A1	12	12.5	400	250	83	6.5	100	150	6	UX7	P
1626	026 040 310		12.5	32	250	20	2.1	100			2.1	A08	T
1631	026 540 310		12.5	18	350	250	54	5.2	100	150	5.2	A08	P
1632	026 540 310		12.5	8	200	100	50	9.5	100	90	9	A08	P
1633	471 461 230		25	8	250		11.5	2.6	100		2.6	A08	TT
1634	074 461 230		12.5	2	250		2	1.3	150		1.3	A08	TT
1635	027 446 310		6	0	300		3.5	0.9	100		0.9	A08	TT
1637	026 500 310	G1	6	18	250	250	32	3.8	100	150	3.8	A08	P
1638	029 180 310		6					D				A08	DD
1639	026 890 310	G1	6	5.5	250		5	2	100		2	A08	DDT
1641	200 300 000	D1/D2	5				120		REC	39mA	UX4	RR	
1641/BK60	200 300 000	D1/D2	5				15		REC	12mA	UX4	RR	
1642	216 471 300	G1	6	16.5	250		8.3	1.4	100			UX7	TT
1644	414 752 360		12.5	9	200	200	13	2.1	100	100	2.1	A08	PP
1649	021 415 360		6	2	300	150	10	9	100	100	8	A08	P
1654	2** 00* 300	D1	1.4					D				BTG	D
1655	074 461 230		6	2	250		2	1.3	200		1.3	A08	TT
1659	268 913 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
1662	364 526 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	BTG	P
1664	026 985 310	G1	2.5	3	250	125	10	1.3	100	100	1.3	A08	DDP
1701	892 300 000		1.8				120		REC	30mA	B4	RR	
1801	892 300 000		4				15		REC	10mA	B4	RR	
1805	892 300 000		4				30		REC	15mA	B4	RR	
1807	892 300 000		4				30		REC	15mA	B4	RR	
1810	003 200 000	D1	4				30		REC	15mA	B4	R	
1815	892 300 000		4				60		REC	20mA	B4	RR	
1817	892 300 000		4				120		REC	30mA	B4	RR	
1821	892 300 000		4				30		REC	15mA	B4	RR	
1823	892 300 000		4				30		REC	15mA	B4	RR	
1831	892 300 000		4				30		REC	12mA	B4	RR	
1832	082 300 000		4				120		REC	30mA	B4	R	
1851	026 510 310	G1	6	2	300	150	10	9	100	100	8	A08	P
1851GT	026 510 310	G1	6		300	150	10	9	100	100		A08	P
1852	021 415 360		6	2	300	150	10	9	100	100	8	A08	P
1853	021 415 360		6	3	300	200	12.5	5	100	150	5	A08	P
1853GT	204 153 600		6.3	3	300	200	12.5	5	100	100		A08	P
1861	892 300 000		4				60		REC	20mA	B4	RR	
1867	389 200 000		4				60		REC	20mA	UX4	RR	
1868	023 180 090		4				60		REC	20mA	P8	RR	
1875	023 000 000	D1	4				5		D			8SC	R
1876	123 000 080		4				5		D			8SC	R
1877	002 300 000	D1	4				3		D			B4	R
1881A	892 300 000		4				30		REC	15mA	B4	RR	
1882	023 080 090		5				60		REC	20mA	8SC	RR	
1883	023 080 090		5				60		REC	20mA	8SC	RR	
1884	120 908 030		2.5				15		REC	15	A08	RR	
2051	026 041 310		6		250		75	3kΩ	No Data Available			A08	THY
2101	264 530 000		2	4.5	150	150	8	1.7	100	100	1.7	UX5	P
2102	268 953 000		2	1	100		2.5	1.3	100		1.3	UX6	DDT
2103	274 546 300		2	7.5	150	150	4	1.5	100	100	1.6	UX7	PP
2151	265 413 000		14	31	250	250	47	2.7	100	150	2.4	UX6	P
2318	892 300 000		4				30		REC	15mA	B4	RR	
2506	892 300 000		4				15		REC	10mA	B4	RR	
3006	802 300 000		4						D			B4	D

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
3041	652 430 000	A1/A2 D1	1.2	1	20	20	0.2	0.3	No Data Available	B5A	P			
3041A	652 430 000		1.2	1	20	20	0.2	0.3	No Data Available	B5A	P			
3074A	204 140 300		6		300		50	3	No Data Available	UX7	TT			
3075A	002 300 000		2						D	B4	D			
3310A	265 113 000		10		250	150	5.6	2	100	100		UX6	P	
3311A	265 113 000	G1	10		200	150	33	3	100	100		UX6	P	
3328A	265 113 000		7.5		250	150	5.6	1.9	100	100		UX6	P	
3329A	265 113 000		7.5		200	125	31	2.9	100	100		UX6	P	
3481	026 510 310		6	13.5	150	150	5.5	1.8	100	100	1.8	A08	P	
3720	364 200 000		5	1.5	200		0.2	0.2	150		0.2	UX4	T	
3871	264 300 000	G1	30	19	100	100	52	3.8	100	90	3.8	UX6	P	
3872	364 200 000		2	9	150		3		100			UX4	T	
3873	365 200 000		2	3	150	75	1.5	0.6	100	75	0.6	UX4	P	
3921	264 300 000		2.5	50	250		34	2.1	100		2.1	UX4	T	
3924	265 130 000		2.5	3	200	90	4	1	100	90	1	UX3	P	
4019A	264 300 000		4		200		9.7	1.3	100			1.2	UX4	T
4019B	642 300 000		4	4	100		7.5	1.2	100			1.2	B4	T
4020A	264 300 000		2	2	150		1.2	0.6	100			0.6	UX4	T
4020B	264 300 000		2	2	150		1.2	0.6	100			0.6	UX4	T
4021A	264 300 000		4	10	150		32.5	3	100			0.6	UX4	T
4021B	642 300 000		4	8	150		23	3	100		3	B4	T	
4022AR	264 300 000		4	6	200		16.2	2.2	100		2.0	UX4	T	
4022R	264 300 000		4	6	200		16.2	2.2	100		2.0	UX4	T	
4033	264 130 000		6	20	400		50	9	100		8	UX5	T	
4033A	642 310 000		6	20	400		50	9	100		8	B5	T	
4033L	642 310 000	A1 A1/A2 D1	6	20	400		60	10	100		8	B5	T	
4037A	802 300 000		4				120		REC		30mA	B4	R	
4045A	642 350 000		5	70	250	60	43	1.3	No Data Available	B5	P			
4061A	205 411 300		6	10	400	200	50	2.5	100	150	2.5	B7	P	
4074A	204 140 300		6	13	300		15	3	100		3	UX7	TT	
4077A	003 200 000	D1	5				120		REC		30mA	B4	R	
4264A	364 200 000		1.5		100			6.3	100		6	UX4	T	
4274A	289 300 000		5			120			REC		30mA	UX4	RR	
4300A	364 200 000		5	90	400		50		No Data Available	UX4	T			
4310A	265 113 000		G1	10	5.5	250	150	5.2	2	100	100	2	UX6	P
4328A	265 113 000	G1	7.5		5.5	250	175	2	2	100	150	2	UX6	T
4328B	026 510 310		7.5		5.5	250	150	5.2	2	100	100	2	A08	T
4608	642 310 000		4	6	150		11	2.5	100		2.5	B5	T	
4610	542 310 000		A1	4	1.3	200	100	1.5	0.9	100	100	0.9	B5	P
4611	364 200 000			6	40	200		20	1.7	No Data Available	UX4	T		
4611	642 300 000	6		40	200		20	1.7	No Data Available	B4	T			
4612	642 300 000	4		40	250		40	2.7	No Data Available	B4	T			
4613	642 300 000	4		22	250		48	3.5	No Data Available	B4	T			
4614	642 310 000	A1	4	16	200		12	1.3	No Data Available	B5	T			
4618	542 310 000		4	2	200	100	3	2.2	100	100	2.2	B5	P	
4619	892 300 000		4				30		REC		15mA	B4	RR	
4623	123 000 000		D1	6.3			5		D			B3G	D	
4631	264 300 000		D1	2	1.5	150		0.7		150			UX4	T
4635	642 310 000	4		16	200		12	9	No Data Available	B5	T			
4636	542 310 000	4		2	200	100	3	2.3	100	100		B5	P	
4650	642 350 000	4		63	300	300	30		No Data Available	B5	P			
4651	023 180 090	6.3					60		REC		20mA	F8	RR	
4652	892 300 000	A1	4				60		REC		20mA	B4	RR	
4654	023 130 050		6	14	250	275	72	8.5	No Data Available	8SC	P			
4654K	023 114 500		6	12.5	250	275	72	8.5	125	125		8SC	P	
4654P	411 230 050		6	14	250	275	72	8.5	No Data Available	8SC	P			
4655	462 300 000		4.5				60		REC		15mA	B4	RR	
4657	642 310 000	A1/G1	4	1.5	200		1	2.2	200		2.2	B5	T	
4670	432 564 570		2	8.5	90	90	1		80	75		8SC	PP	
4671	264 310 000		6.3	5	200		4.5	2	100			5AA	T	
4672	513 100 000		6.3	3	90	90	1.2	1.1	100	100	1.1	5AA	P	
4673	642 310 000		G1	4	2.5	250	200	8	5	100	150	5	B5	P
4673	023 110 560	G1	4	4	250	200	8	5	100	150	5	8SC	P	
4675	264 310 000		4	5	200		4.5	2	100			5AA	T	
4676	251 310 000		4	3	250	100	2	1.4	100	100		5AA	P	
4679	026 447 300		6	2.5	250		8	5	100		4.6	A08	P	
4682	023 100 560		G1	4		375	250	24		100	150		8SC	P
4683	023 004 060		4		350		43		100			8SC	T	
4684	023 104 560		4		400	250	24		100	150		8SC	P	
4688	023 104 560		4		400	275	48		100	150		8SC	P	
4689	026 540 310		6.3		400	275	48		No Data Available			A08	P	
4689	023 104 560		6		400	275	48		100	150		8SC	P	
4694	023 104 560	A1/G1	6	7.5	400	250	24	8	100	150		8SC	P	
4695	251 310 000		6.3	3	250	100	6.7	1.7	100	100		5AA	P	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6057	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
6058	192 310 800		6						D			B7G	DD
6059	041 230 651		6	3	250	100	2	1.2	100	100	1.2	B9A	P
6060	741 226 413		6	2	250		10	5.5	200		5	B9A	TT
6061	*41 230 651		6	13	300	225	34	3.7	100	150	3.7	B9A	P
6062	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
6063	802 309 100		6				30		REC		15mA	B7G	RR
6064	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	P
6065	412 361 500		6	1.5	200	150	4	6.4	100	150	5	B7G	P
6066	412 389 600		6	2.5	250	250	8	2.5	100	100	2.5	B7G	P
			6	3	250		1	1.2	150		1.2	B7G	DDT
6067	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
6068	021 040 350		6.3	8	400	150	36	5.3	100	100		A08	P
6072	741 226 413		6	4	250		3	1.7	100		1.7	B9A	TT
6080	471 461 230		6	30	100				No Data Available			A08	TT
6082	471 461 230		26.5	30	100		100	7	No Data Available			A08	TT
6084	501 236 014		6	2	250	125	10	9	150	100		B9A	P
6085	641 227 413		6	5.5	250		6	2.7	100		2	B9A	TT
6086	541 236 ***		18	1.8	200	100	8.3	8.2	100	100	8	B9A	P
6087	020 809 030		6				60		REC		20mA	A08	RR
6088	653 420 000		1.2	1.2	40	40	0.7	0.6	No Data Available			B5A	P
6092	653 420 000		1.2	6.5	60	60	2.9	0.7	No Data Available			B5A	P
6094	452 634 516		6	12.5	250	250	45	6	100	150	6	B9A	P
6095	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
6096	412 365 100		6	2	150	125	7.5	5	125	125	5	B7G	P
6097	192 310 800		6						D			B7G	DD
6098	106 052 430		6	22.5	250	250	77	5.4	100	100		A08	P
6099	672 344 100		6	3	150		5	4.5	100		5.8	B7G	TT
6100	602 364 100		6	0.8	100		8.5	5.3	100		5.8	B7G	TT
6101	762 344 100		6	8.5	250		10.5	2.2	100		3	B7G	TT
6106	020 809 030		5	2	150		9	5.5	100		6	B7G	TT
6110	812 093 100		6				60		REC		20mA	A08	RR
			6				5		D			B8B	RR
6111	642 113 470		6	1.9	100		8.5	5	100		5	B8B	TT
6112	642 113 470		6	1.4	150		1.7	2.5	100		0.8	A08	TT
6113	641 471 230		6	3	250		3	1.7	100		1.6	A08	TT
6118	026 890 310		6	3	250		1.0	1.2	150		1.3	A08	DDT
6125	8*2 384 100		6	8.5	250		10.5	2.2	150		2.2	B7G	T
6132	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P
6134	021 415 360		6	2	300	150	10	9	100	150		A08	P
6135	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
6136	412 365 100		6	1	250	150	10.6	5.2	100	150	5	B7G	P
6137	021 415 360		6	3	250	100	9.2	2	100	100	2	A08	P
6145	265 104 130		5		150	100	34	10	100	100		B7G	P
6146	125 141 310		6	28	200	200	100	7	No Data Available			A08	P
6147	206 035 240		1.2	7.5	150	125	5.5	1.6	100	125	1.5	B8B	P
6149	623 410 000		6.3		150		9	5	100			B5A	T
6151	623 410 000		6.3		250		4	4	100			B5A	T
6152	614 230 000		6.3		200		12	4	100			B5A	T
6153T	023 164 570		6	2	100		16	5	100	60	5	B5A	TH
6156	412 360 500		6	2	250	100	12	3.5	100	100	3	B7G	P
6157	*41 230 ***		6	13.5	250	250	16	2.6	100	150	2.6	B7G	P
6158	741 226 413		6	4.6	250		120		REC		30mA	B9A	R
			6				6	2.3	100		2.3	B9A	TT
6159	125 141 310		26	30	200	200	100	7	No Data Available			A08	P
6169	642 113 640		6	1	200		11	6.5	100		6.5	A08	T
6180	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT
6186	412 365 100		6	1.4	250	150	7	5	100	100	4	B7G	P
6187	412 365 100		6	2	150	125	5.2	3.2	100	125	3	B7G	P
6188	461 471 230		6	2	250		2.3	1.6	150		1.4	A08	TT
6189	641 227 413		6	8.5	250		10.5	2.2	100		3	B9A	TT
6197	145 236 154		6	3	250	150	30	11	100	150	10	B9A	P
6201	741 226 413		6	2	250		10	5.5	100		5	B9A	TT
6202	802 309 100		6				60		REC		20mA	B7G	RR
6203	800 230 109		6						REC			B9A	RR
6205	412 163 510		6	4	100	100	7.5	5	100	100	5	B8D	P
6206	412 163 510		6.3	1.3	100	100	7.5	5	100	100	4.5	B8A	P
6211	741 226 413		6	1.2	100		4.6	3.6	100		3.6	B9A	TT
6216	641 236 510		6	6	200	100	47	8.8	100	100		B9A	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6227	041 230 651		6	5.2	200	200	30	9	100	100		B9A	P
6222	402 613 080		6.3	1	100		0.7	1.7	100		1.7	B8D	T
6245	652 311 400		6.3		150	150	7.5	5.0	100	100		BTG	P
6247	442 613 000	A1	6		200		4	3	100		2.6	BTG	T
6252	245 134 200	A1 A2	6.3	17	400	200	20	6.5	No Data Available			BT7A	FP
6265	412 365 100		6	1	250	150	9	4	100	125		BTG	P
6267	501 236 014		6	1.0	250	100	3.0	1.8				B9A	P
6281	653 420 000		6	0.6	20	20			No Data Available			B5A	P
6286	624 300 000		1.2	2	60		6	2.1	No Data Available			B5A	T
6287	156 236 546		6	12.5	250	250	48	4.1	100	100		B9A	P
6293	125 141 300	A1	6		200	200	100	7.3	No Data Available			A08	P
6302	265 113 000	G1	6	2.2	300	150	11	9	No Data Available			UX6	P
6305	112 311 100	D1	4				5		REC	5mA		BTG	R
6325	108 090 230		6				60		REC	20mA		A08	RR
6327	121 040 350		6	22.5	250	250	120	8	100	100		A08	P
6336A	471 461 230		6.3	60	200		75	5	No Data Available			A08	TT
6350	614 227 141		6	5	150		11	4.6	100		5	B9A	TT
6351	141 321 655		6	2	350	250	12.5	11.5	No Data Available			B9A	P
6352	21* 382 930		1.5						D			B8A	D
6360	414 226 573		6.3	15	200	200	30	3.3	No Data Available			B9A	FP
6374	**1 23* **8	D1	6				120		REC	30mA		B9A	R
6375	400 230 060		1.2	4.5	150		12.0	3.4	150		3.4	B8D	T
6384	106 052 430		6.3	22	250	250	77	5.5	No Data Available			A08	P
6385	214 607 413		6	2.1	150		82	5.5	125		5.5	B9A	TT
6386	214 607 413		6	2	100		9.6	4	100		4	B9A	TT
6394	461 471 230		26.5	45	150		100	11	No Data Available			A08	TT
6397Spec	206 035 240		1.2		150	150	9	2.3	100	100		B8D	P
6414	641 227 413		6.3	2	200		8	5.5	100			B9A	TT
6417	601 235 144		12.5	7.5	250	250	45	7	100	150	7	B9A	P
6418	652 430 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
6443	**1 23* ***	D1	6				120		REC	36mA		B9A	R
6463	614 227 143		6	10	250		14.5	5.2	100			B9A	TT
6485	412 365 100		6	1.6	300	150	10	9	100	100		BTG	P
6486/A	410 263 511		6.3	2	150	125	3.5	3.2	125	125	3.5	B9A	P
6488	412 653 160		6	2.0	100	100	7.5	5.0	100	100	5.0	B8D	P
6489	261 360 000		6		100		8		100			SM5	T
6516	412 360 500		6	13.5	250	250	16.0	2.6	100	150	2.6	BTG	P
6520	461 471 230		6	60	150		50	7	No Data Available			A08	TT
6526	652 430 000		1.2	6	100	100	6.5	1.9	100	100		B5A	P
6528	471 461 230		6	20	200		90	15	No Data Available			A08	TT
6533	644 612 360		6		150		0.9	1.7	100			B8D	T
6535	672 344 100		6	0.8	100		8.5	5.3	100		5.3	BTG	TT
6542	542 134 500	A1 A2	6	2	200	200	50	4.5	100	100		BT7A	FP
6550	026 540 310		6	16.5	400	225	87	9	No Data Available			A08	P
6582A	410 263 511		6		150	125	7.5	4.5	100	100		B9A	P
6611	652 430 000		1.2		40	40	1	1	No Data Available			B5A	P
6612	652 430 000		1.2		40	40	3	3	No Data Available			B5A	P
6660	412 365 100		6	1.1	250	100	11	4.4	100	100	4.3	BTG	P
6661	412 365 100		6	1.0	250	150	7.4	4.6	100	100		BTG	P
6662	412 365 100		6	1.0	250	100	9.2	3.6	100	100	3.6	BTG	P
6663	182 310 900		6						D			BTG	DD
6664	412 389 600		6	12	250		10	5.5	100			BTG	DDT
6669	412 365 400		6	12.5	250	250	47	4.1	100	150	4	A08	P
6676	412 365 100		6	56	150	150	13	8	100	100		BTG	P
6677	145 236 154		6	3	250	150	30	11	100	100		B9A	P
6678	645 237 114		6	1.6 0.9	150 250	100	18 10	8.5 5.2	100 100	60 100	9 5	B9A	TP
6679	641 227 413		6	2	250		10	5.5	100		5	B9A	TT
6680	641 227 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
6681	641 227 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
6686	041 230 651		6	2.5	200	200	20	11	100	100		B9A	P
6687	412 365 100		6	5	150	75	0.5	0.6	125	75	0.6	BTG	H
6688	141 23* 615		6	1	200	150	13.1	16.5	No Data Available			B9A	P
6689	541 236 **1		6	1.7	200	125	10	9	100	100		B9A	P
6690	742 163 410		6	0.8	100		8	4.8	100		4.8	B8A	TT
6697	641 227 413		6	8.5	250		10	2.0	150			B9A	TT
6754	801 023 109		6				30		REC	15mA		B9A	RR
6760	641 236 510		18	7.5	150	125	70	12	No Data Available			B9A	P
6761	641 236 510		6	7.5	150	125	70	13	No Data Available			B9A	P
6788	412 163 510		6	1.4	100	100	0.8	1.1	100	100	1.1	B8A	P
6814	402 013 060		6		100		10	6	100			B8A	T
6829	641 227 413		6	2.2	150		10.7	8.1	150		8.1	B9A	TT
6832	642 113 470		6		100		0.7	1	100			B8D	TT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V		Anode Volts	Screen Volts	mA/V		
4696	023 180 560	G1	6.3	2.5	250	150	8	14		No Data Available	100	150	PS	DP
4699	023 104 560		6	12.5	300	300	55	13		100	150	9	BSC	P
5222	402-613 060	A1	6.3	1	100		0.7	1.7		100		1.7	B8D	T
5516	235 242 300		3	14	400	250	75	4		100	150	4	A08	P
5556	264 300 000		4.5	30	350		9	0.9		No Data Available			UX4	T
5590	412 365 100		6	4.5	90	90	3.9	2		80	90	2	B7G	P
5591	412 365 100		6	1.9	200	125	7.7	5		125	100	5	B7G	P
5603	021 415 360		6	12.5	150	150	50	5.4		100	100	5	A08	P
5608	412 365 100		6	12	150	125	7.5	5		100	90	5	B7G	P
5610	612 364 000		6	1.5	90		17	4		80		4	B7G	T
5618	265 134 200		3	8	300	75	19	3.5		100	60	3.5	B7G	P
5635	442 "63 710		6	0.5	100		4.8			100		3.8	B8B	TT
5636	412 163 510		6	1.4	100	100	5.3	3.3		100	100	1.9	B8D	P
5637	402 013 060		6		100		1.4	2.7		100		2.7	B8B	T
5639	412 163 510		6	2.6	150	100	21	9		100	100	9	B8B	P
5640	412 163 510	D1	6	6	100	100	31	5		100	100	5	B8B	P
5641	082 813 080		6				30			REC		15mA	B8D	R
5642	023 000 000		1.2							D			B3G	D
5643	612 113 410		6.3		400		75	5kΩ		No Data Available			B8D	THY
5645	612 430 000		6.3	2.8	100		5	2.7		100		2.7	B5B	T
5646	612 430 000		6.3	1.1	100		1.4	2.4		100		2.4	B5B	T
5647	381 280 000		6				5.0			D			B5A	D
5654	412 365 100		6	2	150	125	7.5	5		100	100	5	B7G	P
5656	544 231 761		6.3		150	150	15	5.8		100	100		B9A	PP
5659	026 540 310		12.5	12.5	250	250	32			100	150		A08	P
5660	026 895 310	G1	12.5	3	250	125	10	1.3		100	100	1.3	A08	DDP
5661	021 415 360		12.5	0.4	250	100	9.2	2		100	100	2	A08	P
5670	214 607 413		6	2	150		8.2	5.5		125		5.5	B9A	TT
5672	653 420 000		1.2	6.5	60	60	3.1	0.6		No Data Available			B5A	P
5676	624 300 000		1.2	5	150		4	1.6		125		1.6	B5A	T
5677	634 200 000		1.2	6	150		1.9	0.6		100			B5A	T
5678	652 430 000		1.2	0	60	60	1.8	1		No Data Available			B5A	P
5679	218 309 120		6				5			D			B8B	RR
5686	141 235 615		6	12.5	250	250	27	3.1		100	100		B9A	P
5687	641 221 437		6	12.5	250		12.5	4.1		100		7	B9A	TT
5690	238 192 310		6				20			REC		30mA	A08	RR
5691	471 461 230		6	2	250		2.3	1.6		150		1.6	A08	TT
5692	471 461 230		6	9	250		6.5	2.2		100		2.2	A08	TT
5693	021 415 360		6	3	250	100	3	1.6		100	100	1.6	A08	P
5694	126 447 310		6	6	300		7	3.2		No Data Available			A08	TT
5702	652 311 400		6.3	2	150	115	7.5	5		100	100	5	B7G	P
5703	623 410 000		6.3	2	150		9	5		100		5	B5A	T
5704	623 100 000		6.3				5			D			B5A	R
5718	402 013 060		6	2	100		13	5.5		100		5.5	B8D	T
5719	402 013 060		6	1.3	150		1.8	2.3		100		1.6	B8B	T
5722	802 208 300		3							D			B7G	D
5725	412 365 100		6	2	150	125	5.2	3.2		100	100	3.5	B7G	P
5726	192 310 800		6.3				5			D			B7G	RR
5732	026 510 310		6	3	150	100	8	2.2		100	100	2	A08	P
5744	623 410 000		6.3	2	250		4	4		100			B5A	T
5749	412 365 100	G1	6	1	250	100	11	4.4		100	100	4.3	B7G	P
5750	412 366 400		6	2	100		11	7		100		6	B7G	H
5751	741 226 413		6	3	250		1	1.2		100		1.2	B9A	TT
5755	471 461 230		6	2	250		2.3	1.6		200		1.6	A08	TT
5763	601 235 144		6	7.5	250	250	45	7		100	150	7	B9A	P
5784	652 311 400		6.3	2	150	125	5.2	3.2		100	100	3	B7G	P
5785	823 000 000		1.2							D			B3G	D
5797	411 235 600		26.5	1	30	30	0.5	1		No Data Available			B8D	P
5798	741 231 460		26	0	20		2.3	3.1		No Data Available			UX4	D
5812	413 365 200		3	33	250	250	40	4.1		100	150	4.1	B7G	P
5814	741 226 413	D1	6	8.5	250		10.5	2.2		100		3	B9A	TT
5814A	741 226 413		6	8.5	250		10.5	2.2		100		3	B9A	TT
5824	026 540 310		25	22	150	125	61	5		125	125	5	A08	P
5825	200 300 000		1.5							D			UX4	D
5838	028 090 310		12				30			REC		15mA	BRA	RR
5839	028 090 310		26.5				180			REC		30mA	A08	RR
5840	412 163 510		6	1.4	100	100	7	5		100	100	5	B8D	P
5842	602 441 443		6	1.5	150		26	24		100			B9A	T
5844	672 344 100		6	2.3	100		4.8	3.4		100		2.4	B7G	TT
5845	802 290 300		6							D			B7G	DD
5847	402 106 053		6	2	150	150	13	12.5		150	150	12	B9A	P
5851	206 005 340		2.5	7.5	150	125	5.5	1.6		125	125	1.6	B8B	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V		Anode Volts	Screen Volts	mA/V		
5852	028 090 310		6				30			REC	15mA		A08	RR
5854	653 420 000		1.2	2	40	40	0.8	0.5		No Data Available			B5A	P
5871	026 540 310		6.3	12.5	250	250	45	4.5		100	150	4	A08	P
5873	264 114 730		6	3	150		9	2.9		100		2.3	B08	TT
5875	652 430 000		1.2		90	90	3.5	2.5		80	90		B5A	P
5879	401 230 561		6	3	250	100	1.8	1		100	100	1	B9A	P
5881	026 540 310		6	12.5	300	200	48	5.3		100	150	5	A08	P
5882	028 090 310		12.6				30			REC	20mA		A08	RR
5894	245 134 200	A1/A2	6		400	250	30	3.4		No Data Available			B7A	FP
5896	812 093 100		6				15			REC	15mA		B8B	RR
5897	402 013 060		6	2.3	150		14	6.5		100		5.8	B8A	T
5898	402 013 060		6	2	150		1.8	2.3		100		1.7	B8A	T
5899	412 163 510		6	1.4	100	100	7.2	4.5		100	100	5	B8D	P
5900	412 163 510		6		100	100	7.2	4.5		100	100	5	B8A	P
5901	412 163 510		6	1.5	100	100	7.5	5		100	100	5	B8A	P
5902	412 163 510		6	6.5	100	100	30	4.2		100	100		B8A	P
5903	812 093 100		26				5			D			B8B	RR
5904	402 013 060		26	0	20			5		No Data Available				T
5905	412 163 510		26		20	20	2.3	2.8		No Data Available			B8A	P
5906	412 163 510		26	1.5	100	100	7.5	5		100	100	5	A08	P
5907	412 163 510		26		20	20	2.7	3		No Data Available			B8A	P
5908	412 163 510		26		20	20	2.3	1.7		No Data Available			B8A	P
5910	265 *24 300		1.4		90	90	1.6	0.9		100	90	0.9	B7G	P
5915	412 365-100		6		75	75	6.3	2		80	75	2	B7G	H
5916	412 163 510		26		100	100	4.4	1.3		100	100	1.3	B8A	P
5920	762 344 100		6	2.1	100		8.5	6		100		6	B7G	TT
5930	264 300 000		2.5	45	250		60	5.2		No Data Available			UX4	T
5931	020 809 030		5				120			REC	30mA		A08	RR
5932	026 540 310		6	14	250	250	72	6		100	150	6	A08	P
5933	354 130 000	A1	6	14	300	250	83	6.5		100	150	6	UX3	P
5947	222 833 380		4.4							D			A08	D
5961	126 541 340		6		250	100				100	100		A08	H
5963	741 226 413		6	2	75		3.5	2		100		2.5	B9A	TT
5964	762 344 100		6	1	100		9.5	6		100		6	B7G	TT
5965	741 226 413		6	1.8	150		8.2	6.5		150		6	B9A	TT
5967	624 334 270		1.2		40		3	2		No Data Available			B8B	TT
5968	240 670 430		1.2		40		0.7	1.3		No Data Available			B8B	TT
5969	245 675 430		1.2	3	125	40	6	1.7		No Data Available			B8B	FP
5970	245 675 430		1.2		40	40	3	1.8		No Data Available			B8D	FP
5971	642 430 000		1.2	2.5	150		5.6	2.5		100			B5A	T
5972	652 420 000		1.2		60	60	2.5	1.3		No Data Available			B5A	T
5975	614 230 000		6.3		200		12	4		100		4	B5A	T
5977	402 013 060		6	2.7	100		10	4.5		100		4.5	B8B	T
5987	462 613 060		6	18	100		9	1.8		100		1.8	B8B	T
5992	026 540 310		6	12.5	250	250	45	4.1		100	150	4	A08	P
5993	802 010 309		6				30			REC	15mA		B9A	RR
5995	802 310 000		6.3				30			REC	15mA		B5A	R
5998	461 471 230		6		100		100	15.5		No Data Available			A08	RR
6004	020 000 030	D1/D2	2.5				60			REC	20mA		A08	TT
6005	412 365 400		6	12.5	250	250	45	4		100	150	4	B7G	P
6006	021 415 360		6	14	250	125	11	4.7		100	100		A08	P
6007	653 420 000		1.2	0.2	20	20	0.4	0.4		No Data Available			B5A	P
6008	653 420 000		0.6	1.1	20	20	0.5	0.1		No Data Available			B5A	P
6021	642 113 470		6	1.0	100		6.5	5.4		100		5	B8D	TT
6026	001 230 460		6	2.6	150		12	5.9		100		5.9	B8B	T
6028	412 365 100		20	1.8	150	125	7.5	5		100		5	B7G	P
6029	624 300 000		1.2	4	90		11	2		80			B5A	T
6030	672 344 100		6	3	150		5	4.5		100		5.8	B7G	TT
6042	461 471 230		25	0.8	100		8.5	5.8		100		5.8	A08	TT
6045	672 344 100		6	0.5	100		9	2.6		100		2.6	A08	TT
6046	026 540 310		25	8.2	200	125	46	8		100	125	8	A08	P
6049	412 163 510		6.3	1.5	100	100	7.4	3.5		100	100	3.5	B8A	P
6050	624 300 000		1.2	5	150		4	1.6		100			B5A	T
6051	652 430 000		1.2	4	40	40	3	1.2		No Data Available			B5A	P
6052	812 093 100		6				30			REC			B8B	RR
6053	812 093 100		26				5			D			B8B	DD
6055	402 013 060		26		40			4.7		No Data Available			B8D	T
6056	412 163 510		26		40	40		3		No Data Available			B8D	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6840	614 227 130		6.3		250		14	6.7	100			B8D	P
6850	542 134 500	A1 A2	12		200	200	50	4.5	100	100		B7A	PP
6851	641 227, 413		6.3	3.1	250		1	1.2	100		1.2	B9A	TT
6853	030 809 020		5				60		REC		20mA	A08	RR
6854	214 607 413		6.3	19.6	150		8.2	5.2	100		5.2	B9A	TT
6870	141 223 651		6	3.5	250	250	25	8.5	100	100	8	B9A	P
6872	521 413 100	A1	6.3	1	400	100	3.5	2.2	100	100		B7G	P
6877	402 634 016		6.3	12	100		75	6.5	No Data Available			B9A	T
6883	125 141 130	A1	12	30	200	200	100	7	No Data Available			B9A	P
6887	182 310 900		6						D			B7G	DD
6888	021 415 600		6.3		150	90	38		100	90		A08	P
6889	200 053 420		6.3	22.5	250	250	77	5.4	100	100		A08	P
6922	641 327 411		6.3	1.2	90		15	12.5	No Data Available			B9A	TT
6939	414 226 573		6.3	100	300	200	85	10	No Data Available			B9A	PP
6943	412 163 510		6.3		100	100	8	3.6	100	100	3.6	B8D	P
6944	412 163 510		6.3		100	100	7	3.2	100	100	3.2	B8D	P
6945	412 163 510		6.3		100	100	25	3.5	100	100		B8D	P
6946	402 013 060		6.3		100		9	3.8	100			B8D	T
6947	642 113 470		6.3		150		6.5	4	100			B8D	TT
6948	642 113 470		6.3		100		0.8	1.6	100			B8D	TT
6954	412 365 100		6.3	1	150	150	5.9	2	100	100		B7G	P
6955	641 227 413		6	8.5	250		11.5	2.3	100			B9A	TT
6968	402 365 100		6.3	2	150	125	7.5	5	125	100	4	B7G	P
6973	504 234 156		6.3	15	250	250	46	4.8	100	100		B9A	P
6889	200 053 420	A1	6.3	22.5	250	250	77	5.4	100	100		A08	P
6900	741 221 436		6.3	2	150		36	11.5	No Data Available			B9A	TT
6893	125 141 130	A1	12	30	200	200	100	7	No Data Available			B9A	P
6907	245 134 200	A1 A2	6.3	50	400	250	100		No Data Available			B7A	PP
6913	741 226 413		6.3	5	150		11	4.6	100			B9A	TT
6919	182 310 900		6				5		D			B7G	RR
6922	641 327 411		6.3		200				No Data Available			B9A	TT
6927	672 344 100		6	{ 3	150		5	4.5	100		5	B7G	TT
				{ 0.8	100		8.5	5.8	100		5		
6928	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
7000	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P
7025	741 236 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
7027	526 544 310		6.3		200	200			100	100		B8A	P
7032	412 365 100		6.3	2	250	100	4.5	1.8	100	100		B7G	H
7036	412 365 100		6	0	75	75	6.3	2	80	75	2	B7G	H
7044	641 221 437		6.3	2	150		36	10	No Data Available			B9A	TT
7051	645 237 114		6.3	{ 1.0	150		18	8.5	100	60	8	B9A	TF
				{ 1.0	200	100	10	5	100	100			
7054	141 23* 651		13.5	2.7	250	150	19	11.5	100	100		B9A	P
7055	182 310 900		13.5				5		D			B7G	RR
7056	412 365 100		13.5	2.2	200	150	9.5	6.2	100	100		B7G	P
7057	641 237 410		13.5	2.2	150		10	6.8	100			B9A	TT
7058	641 237 410		13.5		250		1.2	1.6	100			B9A	TT
7059	654 237 115		13.5	{ 1	150		18	8.5	100	60	8	B9A	TT
				{ 0.9	250	100	10	5.2	100	100	5		
7060	641 237 541		13.5	{ 1.5	150		9	4.9	100	60		B9A	TT
				{ 1.6	200	125	15	7	100	100			
7061	504 234 156		13.5	10	200	200	36	4.2	100	100		B9A	P
7062	641 227 413		6.3	0.8	100		8.5	7.8	100		8.5	B9A	TT
7066	208 564 300		1.4		100	100	1.1	0.4	100	100	0.4	B7G	DP
7071	*** 23* ***	D1	6.3						D			B9A	D
7072	*** 23* **8	C	6.3			180			REC		40mA	B9A	P
7073	*** 23* **8	C	26			180			REC		40mA	B9A	P
7074	641 234 146		6.3		200		12	14	No Data Available			B9A	T
7075	641 234 146		3.8		200		12	14	No Data Available			B9A	T
7078	041 230 651		6.3	2.0	250	100	9	4.4	100	100	4	B9A	P
7079	041 230 651		12.6		200	100	12	4.4	100	100	4	B9A	P
7105	471 461 230		12.6	30	100				No Data Available			A08	TT
7106	501 236 014		6.3		250	150	3	2	100	100		B9A	P
7110	141 230 651		6.3	3.5	250	250	10	6.8	100	100		B9A	P
7118	641 227 413		6.3	1.4	100		8.5	5.6	100		5.6	B9A	TT
7119	641 221 437		6.3	7	200		23	6.4	100		6.4	B9A	TT
7125	541 236 891		6.3	2	250	100	9	3.8	100	100	3.6	B9A	DP
7137	412 344 600		6.3	1.3	150		13.5	8.5	100			B7G	T
7143	412 314 600		3.1	1.0	200		11.5	6.7	100		6	B7G	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
7144	641 237 410		6.3	1.2	90		15	12.5	No Data Available			B9A	TT	
7145	501 236 014		6.3	2.0	50	50	1.8		80	60		B9A	P	
7150	631 421 1*5		6.3		150	125	24	34	No Data Available			B9A	P	
7167	412 365 100		13.5	1	150	80	10	8	No Data Available			B7G	P	
7184	026 540 310		6.3	12.5	250	250	47	4.1	100	100		A08	P	
7189	441 235 6*5		6.3	7.3	250	250	48	11.3	No Data Available			B9A	P	
7193	020 000 310	A1/G1	6	10.5	300		11	3	100		3	A08	T	
7199	675 231 414		6.3	{ 8	200		9	2	100	60		B9A	TP	
7212	125 142 360		6.3	{ 1.5	250	125	12.5	7	100	100		B9A	TP	
7227	*41 23* 651		27.5	2.5	40	40	8	5	No Data Available			A08	P	
7233	646 236 416		6.3	40	150		50	9	No Data Available			B9A	T	
7236	471 461 230		6.3	14	150		100	12.5	No Data Available			A08	TT	
7239	41* 235 1*1	A1	6.3	5	300	100	10.5	4.2	100	100		B9A	P	
7244	672 344 100		6	0.4	100		9	6	100		5	B7G	TT	
7245	412 344 600		6.3		150		13.5	11	100			B7G	T	
7247	641 227 413		6.3	{ 2	250		1.2	1.6	100		1.6	B9A	TT	
7258	641 237 541		12.5	{ 8.5	250		10.5	2.2	100		2.2	B9A	TP	
7308	741 236 410		6.3	{ 3	150		15	4.5	100	60		B9A	TP	
7316	641 227 413		6.3	{ 3	150	125	12	7.8	100	100		B9A	TP	
7318	641 227 413		6.3	1.4	90		12	11.5	No Data Available			B9A	TT	
7320	041 230 605		6.3		100		11.8	3.1	100		3	B9A	TT	
7355	026 014 350		6.3	8.5	250		11.5	2.3	100			B9A	TT	
7358	125 141 300		6.3		200	200	100	7	100	100		A08	P	
7370	641 221 437		20	2	120		36	11.5	100		11.5	B9A	TT	
7382	412 300 600		6.3	2	250		1.2	1.6	100		1.6	B7G	T	
7408	026 540 310		6.3	12.5	250	250	4.7	4.6	100	100		A08	P	
7492	741 226 413		6.3		250		5.5	100				B9A	TT	
7498	412 361 500		6.3		250	250	7.5	100	100	100		B7G	P	
7534	*2* 54* 310	A	6.3	15.5	250	150	100	25.0	No Data Available			A08	P	
7543	412 365 100		6.3	1.0	250	150	10.8	5.2	100	100	5	B7G	P	
7551	145 236 151		13	18	250	250	40	5.3	80	60		B9A	P	
7558	145 236 151		6.3	18	250	250	40	5.3	100	100		B9A	P	
7561	026 540 310		25		100	100	555	10.5	No Data Available			A08	P	
7581	026 540 310		6.3	14	250	250	72	6	100	100		B8A	P	
7591	026 514 350		6.3	10	300	300	75	10.2	100	100		A08	P	
7607	125 141 300	A1	6.3	17	300	250	80	8	100	100		A08	P	
7643	645 237 114		6.3	{ 2	100		14	5	100	60	6	B9A	TP	
7683	416 236 156		6.3	{ 2	200	175	10	6.2	100	100		B9A	TP	
7687	645 237 114		6.3	{ 0.5	300	250	12.6	5	100	100	5	B9A	P	
7687	645 237 114		6.3	{ 8.5	200		7.5	2.5	100	60		B9A	TP	
7693	412 365 100		6.3	{ 200	125		10	5.8	100	100		B9A	TP	
7694	412 365 100		6.3	100	250	150	7.4	4.6	100	100		B7G	P	
7695	5** 234 1*6		6.3	80	250	100	9.2	3.6	No Data Available			B7G	P	
7699	414 226 573		50	11	130	100	100	11.0	No Data Available			B9A	P	
7700	265 113 000	G1	6		250		45	10	No Data Available			B9A	PP	
7701	141 236 515		13.6	12.5	250	250	28	3.6	100	100	1.2	UX6	P	
7716	146 231 457		13.6	1.0	150		1.6	3	100	60	2.5	B9A	P	
7717	412 365 100		6.3	{ 60	200	100	24	9.5	100	100		B9A	TP	
7719	641 226 413		6.3	{ 1	125	80	10	8	100	80		B7G	P	
7721	141 230 615		6.3	{ 10.5	300		4.0	3.5	100		3	B9A	T	
7722	141 230 615		6.3	10	200	150	22	35	No Data Available			B9A	P	
7724	181 239 146		6.3	1	200	150	34	27	No Data Available			B9A	P	
7728	641 227 413		14	3.0	250		0.7	1.0	100		1	B9A	DDT	
7729	641 227 413		6.3	2	250		10	5.5	100		4	B9A	TT	
7731	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT	
7731	641 237 114		6.3	{ 1	150		18	8.5	100	60		B9A	TP	
7732	412 365 100		6.3	{ 0.95	200		10	5.2	100	100		B9A	TP	
7733	141 223 651		6.3	{ 1	200	125	13	8	100	100		B7G	P	
7734	514 236 147		6.3	{ 3	250	175	24	12	No Data Available			B9A	P	
7738	642 314 600		6.3	{ 21	150		35	5.4	No Data Available			B9A	TP	
7751	026 540 310		6.3	{ 2.0	150	150	5.5	3.2	No Data Available			B7G	T	
7752	412 365 100		6		400		12	9.9	No Data Available			B7G	T	
7754	412 365 100		6.3	8	100	100	100	14	No Data Available			A08	P	
7755	5** 234 1*6		6	2	150	125	5.5	3.5	100	100	3.5	B7G	P	
7756	412 365 100		6.3		150	150	100	11	No Data Available			B9A	P	
7757	106 052 430		6		40	30	3	2.7	No Data Available			A08	P	
7757	451 034 510		6	36	300	300	58	4.3	100	150	4.3	A08	P	
7761	214 607 413		6.3	12.5	250	250	45	4.1	100	PenL	4.0	B9A	P	
7788	141 235 615		12.6		150		8.2	5.5	100			B9A	TT	
			6.3		150	150	35	50	No Data Available			B9A	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
7803	641 237 410		6.3	1.3	90		15	12.5	No Data Available			B9A	TT
7898	741 236 41*		12	2	250		10	5.5	100		5.5	B9A	TT
8013A	200 300 000	D1	2.5				15		REC		10mA	B4	R
8016	020 000 030	D1	1.2						D			A08	D
8032	125 141 310	A1	13.5	32	200	200	100	7	No Data Available			A08	P
8077	141 23* 651		13.5	2.7	250	150	19	11.5	100	100		B9A	P
8223	741 236 410		6.3	1.5	100		30	20	No Data Available			B9A	TT
8233	615 231 141		6.3	3	150	150	50	45	No Data Available			B9D	P
8255	414 234 444		6.3	1.2	150		12	13	No Data Available			B9A	T
8348	424 236 572		1.6		200	200	30	3.3	100	100		B9A	PP
9001	412 365 100		6	3	250	100	2	1.4	100	100	1.4	B7G	P
9002	612 364 100		6	7	250		6.3	2.2	100		2.2	B7T	T
9003	412 365 100		6	3	250	100	6.7	1.8	100	100	1.8	B7G	P
9004	203 180 000		6.3				5		D			5AA	R
9005	218 330 000		3.6						D			5AA	D
9006	812 380 100		6				5		D			B7G	R
9072	020 000 310	A1/G1	6		300		15	2.5	No Data Available			A08	T
18013	061 231 500	G1	4		200	200	8	5	100	100		B7	P
18014	005 231 600	G1	4		200	200	35	8	100	100		B7	P
18015	061 231 500		21		150	125	8	8.3	125	125	8.3	B7	P
18016	005 231 600		21		150	125	48	9	125	125	9	B7	P
18040	265 104 130		18	3.4	200	200	15	10	100	150	10	B8B	P
18042	541 236 **1		18	1.8	200	100	8.3	8.2	100	100	8	B9A	P
18043	541 236 **1		6	1.8	200	200	8.2	8.2	100	100	8	B9A	P
18045	041 230 651		18	3	200	200	20	11	100	150	10	B9A	P
18046	041 230 651		18	3	200	100	20	11	100	150	10	B9A	P
18048	261 504 130		20	4.8	250	150	16	6.5	100	100		B8D	P
95108	653 420 000		1.2	1	40	40	2.2	1	No Data Available			B5A	P
824476	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT
A11B	892 300 000		4				60		REC		20mA	B4	RR
A11C	892 300 000		4				60		REC		20mA	B4	RR
A11D	892 200 000		4				60		REC		20mA	B4	RR
A20B	892 310 000		4				60		REC		20mA	B5	DD
A23A	809 231 600	G1	4	7	250		4	2	100		2	B7	DDT
A26	264 300 000		15	1.5	90		4.5	1.1	80		1.1	UX4	T
A27D	819 236 500	G1	4	6	250	250	36	9.5	100	150	9.5	B7	DDP
A28	264 300 000		15	1.5	90		7.5	1.1	80		1.1	UX4	T
A30	264 300 000		15	27	200		22	1.0	100		1.0	UX4	T
A30B	642 310 000		4	2	250		10	5.5	200		5.5	B5	T
A30D	642 310 000		4	3.5	200		6	2.4	100		2.4	B5	T
A32	264 300 000		15	3	150		1.5	0.9	150		0.9	UX4	T
A36A	645 231 700	G1	4	2	150		6	1.2	150	60	1.2	B7	TH
A36B	645 231 700	G1	4	2	200	100	3.5		200	75		B7	TH
A36C	645 231 700	G1	4	2	100		22	6	100	60	6	B7	TH
A36D	645 231 700	G1	4	2	250	150	3.5		100	150		B7	TH
A36C	645 231 700	G1	4	2.5	100		9	3.8	100	60	5	B7	TH
A40	264 300 000		15	40.5	250	100	3.25	2.5	100	100	3	B7	TH
A40	264 310 000		15		200		21	1.5	100		1.5	UX4	T
A40M	254 130 000	A1	4	1.5	100		2		2	100		5AA	T
A40M	542 310 000	A1	4	1.5	200	100	3	2	200	100	3	UX5	P
A40M	542 310 000	A1	4	1.5	200	100	3	2	200	100	2	B5	P
A41	351 220 000	A1/G1	4		250	100	2		100			5AA	P
A48	264 300 000		15	4.5	90		4.5	1.1	80		1.1	UX4	T
A50A	542 310 000	A1	4	2	200	100	3	2.3	100	200	2.3	B5	P
A50A	040 231 500	A1	4	2	200	100	3	2.3	100	100	2.3	B7	P
A50B	061 231 500	G1	4	1.5	250	250	6	3.5	200	200	3.5	B7	P
A50M	041 231 500	A1	4	2	200	125	4.5	2.3	100	100	2.3	B7	P
A50M	542 310 000	A1	4	2	250	125	4.5	2.3	100	100	2.3	B5	P
A50N	542 310 000	A1	4	2	250	100	4.2	2.5	200	100	2.5	B5	P
A50N	041 231 500	A1	4	2	250	100	4.2	2.5	200	100	2.5	B7	P
A50P	060 231 500	G1	4	3	250	250	11.5	2	100	150	2	B7	P
A70B	642 310 000	G2	4	25	250	250	36	2.6	100	150		B5	P
A70B	045 231 600		4	25	250	250	36	2.6	100	150	2.6	B7	P
A70C	045 231 600		4	3	250	250	36	9	100	150	9	B7	P
A70D	045 231 600		4	3	250	250	36	9	100	150	9	B7	P
A70D	642 350 000		4	5.8	250	250	36	9.5	100	150	8	B5	P
A70E	045 231 600		4	14	250	275	72	8.5	100	150	8.5	B7	P
A70F	045 231 600		4	14.5	250	250	70		100	150		B7	P
A80A	123 174 560	G1	4	1.8	90		2		100	90	1.3	88C	O
A80A	645 231 700	G1	4	8.5	250	75	1.6		200	90	2.5	B7	O
A104	642 300 000		1.1	10	100		5	0.3	100	90	1.5	B4	T
A106	642 300 000		1.4	9	100		2	0.4	100		0.4	UX4	T
A106	642 300 000		1.4	9	100		2	0.4	100		0.4	B4	T
A109	642 300 000		1.3	9	150		2	0.4	100		0.4	B4	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
A109	264 300 000		1.4	9	150		2	0.4	100		0.4	UX4	T
A110	264 300 000		1.4	4.5	150		4	0.4	125		0.4	UX4	T
A110	642 300 000		1.4	4.5	150		3	0.4	125		0.4	B4	T
A125	642 300 000		1.2	3	150		0.4	0.4	100		0.4	B4	T
A203	642 300 000		2	30	150		12	1.5	100		1.5	B4	T
A205	642 300 000		2	18	150		7	1.2	100		1.2	B4	T
A206	642 300 000		2	8.5	150		3.8		100		1	B4	T
A209	642 300 000		2	9	150		4	1.0	100		1.0	B4	T
A209	264 300 000		2	9	150		4	1.0	100			UX4	T
A210	364 200 000		2	9	150		3	1.0	100			UX4	T
A210	642 300 000		2	9	150		3	0.9	100		0.9	B4	T
A211	642 300 000		2	2	150		2	1.2	100		1.2	B4	T
A214	642 300 000		2	3	150		4.5	1.3	100		3	B4	T
A225	642 300 000		2	3	150		1	1	100		1	B4	T
A225	364 200 000		2	3	150		1	1	100		1	UX4	T
A235	200 300 000	D1	6				30		REC		15mA	UX4	R
A235	042 300 000	A1	2		150		1.5	0.4	150		0.4	B4	T
A239	230 300 000	D1	5				60		REC		20mA	UX4	R
A241	642 300 000	G2	2	2	20	20	1.2	1	No Data Available			B4	P
A242	265 300 000	G1	2	3	150	75	1.7	0.6	100	75	0.6	UX4	P
A303	264 300 000		3	27	150		3	0.6	100			UX4	T
A306	264 300 000		3	15	150		1.5	0.4	100			UX4	T
A404	642 300 000		4	10	100		4	0.4	100		0.4	B4	T
A406	364 200 000		4	9	100		2	0.4	100			UX4	T
A406	642 300 000		4	9	100		2	0.4	100			B4	T
A408	642 300 000		4	4	150		4	1.5	100		1.5	B4	T
A409	642 300 000		4	9	150		3.5	0.9	100		1.2	B4	T
A409	264 300 000		4	9	150		3.5	0.9	100		0.9	UX4	T
A410	642 300 000		4	3	150		3.5	0.5	100		0.2	B4	T
A410	264 300 000		4	3	150		3.5	0.5	100		1.2	UX4	T
A410N	642 300 000		4	3	150		3.5	0.5	100		0.5	B4	T
A411	642 300 000		4	3	200		6	2.5	150		2.5	B4	T
A414	364 200 000		4	4.5	150		3	2	100		2	UX4	T
A414	642 300 000		4	4.5	150		3	2	100			B4	T
A414X	642 300 000		4	4.5	150		4	2	100		2	B4	T
A415	642 300 000		4	4	150		4	1.5	100		2	B4	T
A416	642 300 000		4	4.5	150		4	2	100		2	B4	T
A420	642 300 000		4	4	150		4	1.5	100		1.5	B4	T
A425	642 300 000		4	2.5	200		0.2	1.2	100		1.2	B4	T
A430	642 300 000		4	3	200		6	2.5	150		2.5	B4	T
A430	042 300 000	A1	4		150		1.5	0.5	150		0.5	B4	T
A430N	642 310 000		4	4.5	250		6.5	3.5	100		3	B5	T
A435	642 300 000		4	1	150		2.1	0.5	150		0.5	B4	T
A440N	642 310 000		4	1.6	200		0.2	2.2	150		2.2	B5	T
A442	542 300 000	A1	4	1	200	100	4	0.7	200	100	0.8	B4	P
A442	254 300 000	A1	4	1	200	100	1	0.4	200	100	0.8	UX4	P
A557	602 310 000	G1	4	8	150		28	2	100		2	B5	T
A600	642 300 000		6	9	150		4	1.5	100		1.5	B4	T
A609	642 300 000		6	9	150		4	1.5	100		1.5	UX4	T
A609	602 310 000	G1	6	9	150		4	1.5	100		1.5	B4	T
A615	642 300 000		6	4.5	150		4	1.5	100			B5	T
							4	2.4	100		2.4	B4	T
A630	642 300 000		6	1.5	150		0.7	1.5	150		1.5	B4	T
A635	642 300 000		6		150		1.2	1.5	150		1.5	B4	T
A642	542 300 000	A1	6	1	200	100	0.7	0.7	200		0.7	B4	P
A802	642 310 000		4	3	100		2.5	2.5	100	100	2.5	B5	T
A819	060 231 500	G1	4		250	250	8	7.5	100			B7	P
A863	026 500 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P
A901	045 231 600		5		100	100	50	9	No Data Available			B7	P
A1685	026 510 310	G1	6.3	3	150	100	8	3.2	100		3.2	A08	P
A1685H	026 510 310	G1	6	3	150	100	8	3.2	100		3.2	A08	P
A1714	412 3** 600		6	2.2	150				100		8	B7G	T
A1820	265 004 130		6		250	250	40	10.5	100	150	9	B8B	P
A1834	471 461 230		6	40	100				No Data Available			A08	TT
A1860	502 332 406		2.5	7	200	150	35	6	100	100		B9A	T
A2030N	642 310 000		20	3	200		6	2.3	100		2.3	B5	T
A2040K	642 310 000		20	1.6	200		0.2	3	100		1	B5	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
A2087	8*2 380 100		4.4				5		D			B7G	R	
A2118	642 350 000		20	3	200		6	2.3	100		2	B4	T	
A2134	412 36* 500		6	7.8	150	150	55	9.5	100	100	9	B7G	P	
A2226	*41 23* *51	A1	6.3	12.5	150	150	50	8.5	100	100		B9A	P	
A2272	21* *1* *13	D1	6						D			B9G	R	
ΔA2293	*1* 234 **6		6.3	23	150				No Data Available			B9A	T	
A2426	*2* 54* 310	A08	6.3	13.5	150	150	50	8	No Data Available			A08	P	
A2521	414 464 234		6.3	1	150		15	15	No Data Available			B9A	T	
A2599	411 231 146		6.3	1	150		16	15	No Data Available			B9A	T	
A2637	120 040 300	A1	6.3	7.0	20		1.0	0.6	No Data Available			A08	T	
A2674	211 403 506		6.3	1.4	200	150	23	30	No Data Available			B9A	P	
A2688	412 314 600		6.3	1	100		12	11.5	No Data Available			B7G	T	
A2738	*26 541 310		6.3	19	250	200	50	10	100	100		A08	P	
A2744	414 464 234		6.3	1	150		16	15	No Data Available			B9A	T	
A2792	*4* 23* 1**	A1	6.3	1.7	400		1	2.5	100		2.5	A08	T	
A2900	741 226 413		6.3	2	250		10.5	6.2	100		6.2	B9A	TT	
A2913	413 214 600		6.3		200		15.5	14	No Data Available			B9A	T	
A3042	*41 23* *51	A1	6.3	12.5	150	150	50	8.5	No Data Available			B9A	P	
A3064	412 361 500		6.3	1.6	250	250	10	7.6	100	100		B7G	P	
A4090	642 310 000		4	3.5	250		6	2.4	150		2.4	B5	T	
A4110	642 310 000		4	3.5	250		6	2.4	100		2.5	B5	T	
AA61	274 164 130		6	5.2	250		6	2.7	100		2.7	B8A	TT	
AA91E	182 310 900		6.3				5		D			B7G	DD	
AA81	023 110 980		4						D			B8C	DD	
AB1	902 310 000	D1	4						D			B5	DD	
ABC1	023 198 060	G1	4	7	250		4	2	100		2	B8C	DDT	
AHC91	412 389 600		6	2	250		1.2	1.6	100		1.4	B7G	DDT	
ABL1	023 198 560	G1	4	6	250	250	36	9	100	150	9.0	B8C	DDP	
AC/042	642 300 000		2	38	300		50	5	100		5	B5	T	
AC/044	642 300 000		4	38	300		50	5	100		5	B4	T	
AC054	642 300 000		4	22	250		48	3.5	No Data Available			B4	T	
AC/064	642 300 000		4	21	200		20	3	100		3	B4	T	
AC084	642 300 000		4	22	300		17	1.1	100		1.1	B4	T	
AC084X	642 300 000		4		100		21	2.5	100		2.5	B4	T	
ACT01	621 300 000	G1	4	1.6	60		2.6	2.8	60		2.8	B5A	T	
AC2	023 100 060	G1	4	5.5	250		6	2.5	100		2.5	B8C	T	
AC2DD	869 231 500	G1	4	5	250	250	32		100	150		B7	DDP	
AC2/HL	642 310 000		4	1.2	250		2.5	6.5	100		5	B5	T	
AC2/PeD	045 231 600		4	5.3	250	250	32	8.5	100	150	8	B7	P	
AC2/PeD	869 231 500	G1	4	5.3	250	250	32	8.5	100	150	8	B7	DDI'	
AC3/PeD	045 231 600		4	3	250	250	36	9	100	150	9	B7	P	
AC4/PeD	045 231 600		4(5)	7	250	250	56	11	100	100	10	B7	P	
AC5/PeD	045 213 600		4	8.5	250	250	40	9.4	100	150	9.9	B7	P	
AC5/PeD	869 231 500	G1	4(5)	8.5	250	250	40	9.4	100	150	9.4	B7	DDP	
AC6/PeD	045 231 000	A1	4(5)	6.9	300	225	63	9.5	100	100	8.5	B7	P	
ACT01	602 310 000	G1	4	5.5	250		7	2.7	100			B5	T	
ACT04	642 310 000		4	10	150		8.5	3.5	100		3.5	B5	T	
ACT01	103 060 020	G1	4	1.6	40		0.5	0.7	No Data Available			B8D	T	
ACD	802 310 000		4						D			B5	D	
ACDD	892 310 000		4						D			B5	DD	
AC/DDT	809 231 600	G1	4	4	200		5	2.3	100		2.3	B7	DDT	
AC/DX	642 310 000		4	3	200		5	3.5	100		3.5	B5	T	
AC/G	642 310 000		4	7.5	200		8	2.7	100		2.7	B5	T	
ACH1	174 652 300	G1	4	2	150		5	2	100	60	2	C7	TH	
ACHL4	642 310 000		4	5	250	75	5	3.3	100		3.3	B5	T	
ACHP	642 310 000		4	3	200		3	2.5	100		2.5	B5	T	
ACHL	642 310 000		4	2.5	200		7	2	100		3.5	B5	T	
AC/HLDD	809 231 600	G1	4	3	200		4.9	2.6	100		2.6	B7	DDT	
ACHLDD	970 231 680	G1	4	3	200		4.9	2.6	100		2.7	B9	DDDT	
ACHL4DD	809 231 600	G1	4	3	250		7	2.5	100		2.5	B7	DDT	
ACHM4	542 310 000	A1	4		250	100	10	2.5	100	100	2.5	B5	P	
AC/HP	041 231 500	A1	4	1.5	200	100	4.2	3.2	100	100	3.2	B7	P	
AC/HP	543 210 000	A1	4	1.5	200	100	4.2	3.2	100	100	3.2	B5	P	
ACHVP	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P	
ACH4	642 310 000		4	4	200		3	3.3	100		3.3	B5	T	
AC/L	642 310 000		4	13.5	200		17	4.25	100		4.25	B5	T	
ACLA	642 310 000		4	15	250		9	4	100		4	B5	T	
AC/LP	642 310 000		4	14	200	18	4.25		100		4.25	B5	T	
ACHM4	642 310 000	G2	4	16	250	250	26		100	150		B5	P	
ACP	642 300 000		4	21	200		19	3	100		3	B4	T	
AC/P	642 310 000		4	13.5	200		17	2.7	100		2.7	B5	T	
ACP1	642 310 000		4	28	200		24	2.3	100		2.3	B5	T	
ACP/4	042 310 000	A1	4	1	100		20	7	100		7	B5	T	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
ACP/4	642 310 000		4	20	250		20	4	100		4	B5	T
ACPn	642 350 000		4	12	250	200	22			150		B5	P
ACPNDH	642 350 000		4	10	250	200	18		100	150		B5	P
AC/PP	642 300 000		4	25	400		50	5	100		5	B4	T
ACTT	045 231 600		4	5.5	250	250	32		100	100		B7	P
AC/Pen	045 231 600		4	15.5	250	250	32	2.7	100	100	2.5	B7	P
AC/Pen	642 310 000	G2	4	12	200	200	24	2.5	100	100	2.5	B5	P
ACTP	642 310 000	G2	4	8	250	200	31		100	150		B5	P
ACFX4	642 310 000		4	18	250		30	4	100		4	B5	T
ACTX4A	642 300 000		4	25	250		50	5	100		5	B4	T
ACQ	045 231 600		4	22	400	250	57	6	100	150	6	B7	P
ACQA	045 231 600		6	23	400	250		6	100	150	6	B7	P
AC/S1VM	542 310 000	A1	4	1.4	200	75	5.6	1.1	200	75	1.1	B5	P
AC/S2	542 310 000	A1	4	1	200	60	6	3.4	200	60	3.4	B5	P
AC/S2Pen	041 231 500	A1	4	1.5	250	100	8	4.6	200	100	5.5	B7	P
AC/SG	542 310 000	A1	4	1.5	200	60	4.5	1.9	200	60	1.9	B5	P
AC/SGVM	542 310 000	A1	4	2	200	60	5.8	2.0	200	60	2	B5	P
AC/SH	542 310 000	A1	4	1.5	200	75	7.4	2.5	200	75	3.5	B5	P
AC/SL	041 230 500	A1	4	1	200	75	3.8	2	200	75	2	B7	P
AC/SL	061 230 500	G1	4	1	200	75	3.8	3.3	200	75	3.3	B7	P
ACSP1	041 231 500	A1	4	3	200	200	4.9	2.7	100	150	2.7	B7	P
ACSP3	061 231 500	G1	4	1.5	250	100	9	7.5	200	100	7.5	B7	P
AC/SP3/RH	061 231 500	G1	4	1.5	250	100		7.5	100	100		B7	P
ACTH1	645 231 700	G1	4	2.7	75		6	3	100	60	3.5	B7	TH
ACTH1A	271 640 530	G1	4	3	250	100	3	3.5	250	100	3.8	MO8	TH
				3	75		6	3	100	60	3.5		
				3	250	100	3	3.5	100	100	3.5		
ACTP	571 231 640	G1	4	3	150		1.5	1.4	100	60	1.4	B9	TP
ACVG	542 310 000	A1	4	5	250	200	5.5	1.6	250	200	3.4	B5	P
ACVH	542 310 000	A1	4		200	75	5	3	200	75	3	B5	P
AC/VP	041 231 500	A1	4	1.5	200	75	9.3	2.7	200	75	3.3	B5	P
AC/VP	542 310 000	A1	4	1.5	200	100	5.7	2.5	200	100	3	B7	P
ACVFB	061 231 500	G1	4		200	100	5.7	2.5	200	100	3	B5	P
AC/VP1	041 231 500	A1	4	1.5	250	150	12	4	250	200	4	B7	P
AC/VP2	061 231 500	G1	4	2.8	250	200	7.4	2	100	150	2	B7	P
ACVPA	041 231 500	A1	4	2.8	250	100	7.4	2	100	150	2	B7	P
ACVS	542 310 000	A1	4		250	100	6	3	100	100	3	B7	P
ACVS4	542 310 000	A1	4	1.5	200	75	4.4	2	200	75	3	B5	P
ACV4	542 310 000	A1	4	2	250	50	6	2	200	60	2	B5	P
AC/Y	045 231 600		4	10	250	250	32	3.5	100	100	3.5	B7	P
AC/Y	642 310 000	G2	4	10	250	250	32	3.5	100	100	3.5	B5	P
AC/TC	045 231 600		4	10	250	250	68	7.5	100	150	7.5	B7	P
AC/TY	045 231 600		4	10	250	250	68	7.5	100	150	7.5	B7	P
AC/Z	642 310 000	G2	4	5.5	250	250	32	7.5	100	150	8	B5	P
AC/Z	045 231 600		4	5.5	250	250	32	7.5	100	150	8	B7	P
AC/ZDD	869 231 500	G1	4	5.5	250	250	32	8	100	150	8	B7	DDP
AD	281 300 000		6.3				30		REC		15mA	UX4	R
AD1	023 004 060		4	45	250		60	6	100		6	8SC	T
AD1/350	023 004 060		4	66	400		42		100			8SC	T
AD1N	023 004 060		4		300		60		100			P8	T
AD101	642 310 000		4	26.5	250		40	4.6	100			B5	T
ADG	642 310 000		20	10	200		10	3.5	100		3.5	B5	T
ADHP	642 310 000		20	3	200		5	3.5	100		3.5	B5	T
ADHP	041 231 500	A1	20		200	100	5	2.8	200	100	2.8	B7	P
ADL	652 310 000		20	13	200		20	3	100		3	B5	T
ADPN	642 350 000		20	15	250	200	22		100	150		B5	P
ADVHP	041 231 500	A1	20		200	100	5.5	2.5	200	100	2.5	B7	P
AE	265 413 000		13										
AP	281 300 000		2.5	13.5	100	100	8.5	1.6	100	90	1.6	UX6	P
AP2	542 310 000	A1	4				120		REC		20mA	UX4	R
AP3	023 110 560	G1	4	2	200	100	4.2	2.5	200	100	3.2	B5	P
AP7	023 110 560	G1	4	2	250	100	3	1.8	250	100	1.8	8SC	P
AP8	026 546 310		6	2	200	50	3.5		100	60		AO8	O
AG	289 300 000		5				120		REC		20mA	UX4	RR
AG495	642 310 000		4	4	200		4	2.5	100		2.5	B5	T
AG4100	642 300 000		4	3	150		5	2	125		2	B4	T
AH1	023 145 560	G1	4	2	250	75	3	1.8	200	75	1.8	8SC	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
AR100	023 145 560	G1	4	2.5	200	100	5.5	1.5	100	100	1.5	8SC	P
AR4105	542 310 000	A1	4	2	200	125	4.5	2.3	100	100	2.3	B5	P
AK2	123 164 570	G1	4	2	100	75	4.2	0.9	80	75	0.9	8SC	O
AL1	023 004 560		4	2	250	75	4.5	2.2	100	75	2		
AL2	023 100 560	G1	4	15	250	250	36	2.8	100	150	2.8	8SC	P
			4	25	250	250	36	2.6	100	150	2.6	8SC	P
AL2/375	023 100 560	G1	4	25	250	250	36	2.6	100	150	2.6	8SC	P
AL3	245 231 600		4	3	250	250	36	9	100	150	9	B7	P
AL3	023 104 560		4	6.5	250	250	36	9.5	100	150	8	8SC	P
AL4	145 231 600		4	3	250	250	36	9	100	150	9.5	B7	P
AL4	023 104 560		4	6.5	250	250	36	9.5	100	150	8	8SC	P
AL4/375	145 231 600		4	6	250	250	34	9.5	100	150	8	B7	P
AL4/375	023 104 560		4	6	250	250	34	9.5	100	150	8	8SC	P
AL5	145 231 600		4	14	250	250	72	8.5	100	150	7	B7	P
AL5/375	023 104 560		4	14	250	275	72	8.5	100	150	6	8SC	P
AL60	041 231 500	A1	4(5)	7	250	250	72	14.5	100	150	8.5	B7	P
AL60	502 331 460		2.4	7	200	150	35	6	100	100		B8D	P
AL495	642 310 000		4	12	250		30	4	100		4	B5	T
AL860	502 331 406		4.8	7	200	150	35	6	100			P9A	P
AN402	045 231 600		4	14	250	250	72	9	100	150	8	B7	P
AN4092	642 310 000	D1	4	3.5	200		6	2	100		2	B5	DT
APP4G	041 231 500	A1	4	6	250	250	36	10	100	100		B7	P
APP495	642 310 000		4	1.5	200		2.5	5	150		5	B5	T
APP4A	045 231 600		4	16.5	250	250	36	3.5	100	150	3.5	B7	P
APP4AS	023 100 560	G1	4	16.5	250	250	36	3.5	100	150	3.5	8SC	P
APP4B	045 231 600		4	5	250	250	32	10	100	150	10	B7	P
APP4BS	023 104 560		4	5	250	250	32	10	100	150	10	8SC	P
APP4C	145 231 600	4(5)	5	250	250	36	10	100	150	10	B7	P	
APP4D	145 231 600		4	16	250	250	72	7	100	150	7	B7	P
APP4E	145 231 600		4(5)	13.5	350	275	72	8.5	100	150	8.5	B7	P
APP4E	023 104 560		4(5)	13.5	350	275	72	8.5	100	150	8.5	8SC	P
APP4G	061 231 500	G1	4(5)	6	250	250	36	10	100	150	10	B7	P
APP4G	005 231 600	G1	4(5)	6	250	250	36	10	100	150	10	B7	P
APP495	642 350 000		4	23	300	200	25	2	100	100	2	B5	P
APP4100	642 310 000	G2	4	15	250	250	24	2.5	100	150	2.5	B5	P
APP4120	642 310 000	G2	4	15	350	200	2.2	3.5	100	100	3.5	B5	P
APV4	892 300 000		4				60		REC		20mA	B4	RR
APV4100	892 300 000		4				60		REC		20mA	B4	RR
APV4200	892 300 000		4				60		REC		20mA	B4	RR
AR495	642 310 000		4	1	100			5	100		5	B5	T
AR4100	642 310 000		4	3	200		3	2	150		2	B5	T
AR4101	642 310 000		4	1	100			3	100		3	B5	T
AS494	542 310 000	A1	4		200	100	15	1.5	100	100	1.5	B5	P
AS495	542 310 000	A1	4	2	200	100	1	3.4	200	100	3.4	B5	P
AS4100	542 310 000	A1	4	6	200	100	4	1.4	100	90	1.4	B5	P
AS4120	542 310 000	A1	4	2	200	100	3	3	150	100	3	B5	P
AS4125	542 310 000	A1	4	2	250	100	3	3	200	100	3	B4	P
AX11	200 300 000	D1	2.5						REC			UX4	R
AX	264 300 000		5	9	150		3	0.8	100		0.8	UX4	T
AX1	892 300 000		4				60		REC		20mA	B4	RR
AX50	892 300 000		4				120		REC		30mA	B4	RR
AZ1	023 080 090		4				30		REC		20mA	8SC	RR
AZ2	023 080 090		4				60		REC		20mA	8SC	RR
AZ3	023 180 090		4				60		REC		20mA	8SC	RR
AZ4	023 080 090		4(5)				60		REC		30mA	8SC	RR
AZ11	902 300 080		4				60		REC		20mA	F8	RR
AZ12	902 300 080		4(5)				60		REC		20mA	F8	RR
AZ21	288 039 920		2				30		REC		17mA	A08	RR
AZ31	020 809 030		4				30		REC		20mA	A08	RR
AZ32	020 809 030		4				60		REC		20mA	A08	RR
AZ33	028 090 300		4				60		REC		20mA	A08	RR
AZ41	*8* **9 230		4				30		REC		10mA	BBA	RR
AZ50	023 080 090		4(5)				120		REC		30mA	8SC	RR
AZ50	892 300 000		4(5)				120		REC		30mA	B4	RR
B2	642 300 000		2	2	150		2	1.2	100		1.2	B4	T
B7	642 300 000		6		150		8	0.67	100		0.67	B4	T
B11	642 300 000		6		200		20	1.4	100		1.4	B4	T
B21	447 230 600		2	3	150		5.0	1.5	100		2.1	H7	TT
B22	446 230 700		2		150		5		150			B7	TT
B23	442 300 000		2		150		4	0.75	100		0.75	B4	T
B24	446 230 700		2	0	150		7		100			B7	TT
B30	461 217 400		13	0	200		30		100			B7	TT
B36	471 461 230		13	8	250		9	2.6	100		2.6	A08	TT
B63	264 147,300		6	5	250		6	3.1	200		3.1	UX7	TT

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
B65	471 461 230		6	8	250		9	2.6	100		2.6	A08	TT
B105	264 300 000		1.4	18	150		8	1.0	100			UX4	T
B105	642 300 000		1.4	18	150		8	1.0	100			B4	T
B109	741 236 410		26	1.5	200		10	6.2	100		6	B9A	TT
B152	741 226 413		6	2	250		10.0	5.5	200		5	B9A	TT
B203	642 300 000		2	26	150		11	1.5	100		1.5	B4	T
B204	264 300 000		2	22.5	125		8	0.9	100		0.9	UX4	T
B205	642 300 000		2	18	150		7	1.2	100		1.2	B4	T
B205	264 300 000		2	18	150		7	1.2	100		1.2	UX4	T
B217	642 300 000		4.5	4.5	150		3	1.3	100		1.3	B4	T
B217	264 300 000		2	4.5	150		3	1.3	100		3	UX4	T
B228	264 300 000		2	2	150		2	1.2	100		1.2	B4	T
B230	446 230 700		2	1	150		5.5		150			B7	TT
B240	264 473 000		2		150		15		No Data Available			UX6	TT
B242	542 300 000	A	2	0	200	75	4.5	1.1	100	75	1.1	B4	P
B242	254 300 000	A	2	0	200	75	4.5	1.1	100	75	1.1	UX4	P
B255	542 300 000	A	2	1	150	100	1.8	1.2	150	100	1.2	B4	P
B255	254 300 000	A	2	1	150	100	1.8	1.2	150	100	1.2	UX4	P
B262	542 300 000	A	2	1	150	100	1.8	1.3	150	100	1.3	B4	P
B262	265 300 000	G1	2	1	150	100	1.8	1.3	150	100	1.3	UX4	P
B309	741 226 413		6	2	250		10	5.5	100		5	B9A	TT
B319	147 234 116		7.5	1.5	90		12	6	100		6	B9A	TT
B329	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
B339	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	T
B342	265 300 000	G1	2	2.5	150	75	4	1.3	150	75	1.3	UX4	P
B349	147 234 116		7	1.2	90		15	9	80		9	B9A	TT
B403	642 300 000		4	30	150		15	1.5	100		1.5	B4	T
B403	264 300 000		4	30	150		15	1.5	100		1.2	UX4	T
B405	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
B405	264 300 000		4	18	150		11	1.6	100		1.4	UX4	T
B406	642 300 000		4	15	150		8	1.4	100		1.4	B4	T
B406	264 300 000		4	15	150		8	1.3	100		1.3	UX4	T
B409	642 300 000		4	16	250		12	2	100		2	B4	T
B409	264 300 000		4	16	250		12	2	100		2	UX4	T
B415	264 300 000		4	4.5	150		3	2	100		2	UX4	T
B424	642 300 000		4	2.3	200		6	2.5	150		2.5	B4	T
B424	264 300 000		4	2.3	200		6	2.5	150		2.5	UX4	T
B424S	642 300 000		4	3	200		6	2.5	100		2.5	B4	T
B425	642 300 000		4	4.5	150		3	2	100		2	B4	T
B425	264 300 000		4	4.5	150		3	2	100		2	UX4	T
B435N	642 310 000	D1	4	3.5	200		6	2	100		2	B5	DT
B438	642 300 000		4	2.5	200		0.2	2	150		2	B4	T
B438	264 300 000		4	2.5	200		0.2	2	150		2	UX4	T
B438S	642 300 000		4	1.5	200		2	2	150		2	B4	T
B442	542 300 000	A1	4	1	200	100	4.5	0.9	200	100	0.9	B4	P
B442M	542 300 000	A1	4	1	200	100	4.5	0.9	100	100	0.9	B4	P
B442M	254 300 000	A1	4	1	200	100	4.5	0.9	100	100	0.9	UX4	P
B442S	542 300 000	A1	4	1	200	100	4.5	0.91	100	100	0.9	B4	P
B443	264 300 000	G2	4	17	200	150	12	1.2	100	150	1.2	UX4	P
B443N	642 350 000	G2	4	12	250	75	12	1.6	100	60	1.6	B5	P
B443S	642 300 000	G2	4	12	250	75	12	1.6	100	60	1.6	B4	P
B443S	264 300 000	G2	4	12	250	75	12	1.6	100	60	1.6	UX4	P
B491	642 310 000		4	1.5	200		4	4	150		4	B4	T
B543	642 350 000		5	15	200	150	13	1.3	150	100	1.3	B5	P
B543	264 300 000	G2	5	15	200	150	12	1.3	150	100	1.4	UX4	P
B543	642 300 000	G2	5	15	200	150	12	1.3	150	100	1.3	B4	P
B543S	642 350 000		5	15	200	150	12	1.3	150	100	1.3	B5	P
B605	642 300 000		6	18	150		9	1.8	100		1.8	B4	T
B605	264 300 000		6	18	150		9	1.8	100		1.8	UX4	T
B609	642 300 000		6	18	250		12	1.8	100		1.8	B4	T
B719	741 236 410		6	2	250		10	6	250		6	B9A	TT
B729	741 236 410		6.3		200		10	3.4	100		3.5	B9A	TT
B2006	642 310 000		20	18	200		15	1.6	100		1.6	B5	T
B203R	642 310 000		20	3	200		6	2.3	100		2.3	B5	T
R2041	602 300 000	G1	20	1	100		2.5	0.1	100		0.1	B4	T
B2042	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5	P
B2043	642 310 000	G2	20	18	200	200	20	1.7	100	100	1.7	B5	P
R2044	218 004 510		20	4	200	60	0.7	2.8	100	60		A08	P
B2044S	642 310 000	D1	20	3	200		6	1.8	100		1.8	B5	DT
B2045	542 310 000	A1	20	2	200	60	4	1	150	60	1	B5	P
B2046	542 310 000	A1	20	2	200	100	3	2.2	150	100	2.2	B5	P
B2047	542 310 000	A1	20	2	200	100	4	2	150	100	2	B5	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
B2052T	542 310 000	A1	20	2	200	100	3	2	150	100	2	B5	P	
B2055	542 310 000	A1	20	1.5	200	100	3	2	100	100	2	B5	P	
B2099	642 310 000		20	1.6	200		0.2	3	150		3	B5	T	
BA2	446 230 700		2		150		1.5		150			B7	TT	
BB1	902 310 000	D1	16						D			B5	DD	
BB220A	446 230 700		2	3	150		4		100			B7	TT	
BB240	446 230 700		2	6	150		2.2		100			B7	TT	
BB12	682 390 000	G1	2	4.5	150		2.5	1.5	100		1.5	B5	DDT	
BCH1	465 231 700	G1	24		100		5	1.2	100		1.2	B7	TP	
BF1	642 300 000		4	15	200	50	1.3	0.7	100	60		B4	T	
BP61	261 054 130		6	7	250	250	36	10	100	150	8	B8A	P	
BP62	261 054 130		6	10	250	250	26	3.2	100	150	3.2	B8A	P	
BP451	261 054 130		45	9	200	175	54.5	9.5	100	100	7	B8A	P	
BHP61	023 010 560	G1	2	0.5	150	125	2.5	0.7	125	125	0.7	B5C	P	
BL2	652 310 000	G1	30	20	200	100	40	3	100	90	3	B5	P	
BL63	027 146 310	G1	6	16	250		14	4.2	100		4.2	A08	TT	
BLP61	023 004 560		2		150	150	7	2.7	100	100		B5C	P	
BP96A	200 300 000	D1	2.5				60		REC		35mA	UX4	R	
BFM04	412 365 400		6.3	12.5	250	250	45	4.1	100	150	4	B7G	P	
BN3	642 350 000		2	4.5	150	125	6	2.2	100	100	2.2	B5	P	
BW602	642 300 000		2	12	150		12	3.4	100		3.4	B4	T	
BV1304	642 300 000		2	6	150		6	3.2	100		3.2	B4	T	
BX2	446 230 700		2		200		2.5		100			B7	TT	
BX604	642 300 000		2	12	150		8	1.5	100		1.5	B4	T	
C3A	261 504 130		6.3		250	150	16	6.5	100	100		B8G	P	
C3G	261 504 130		6.3	1.8	200	150	13	14	No Data Available			A08	P	
C3G	216 514 130		6.3	1.8	250	150	13	13.5	100	100		B8B	P	
C3G	802 362 450		6.3	1.8	200	150	13	14	No Data Available			P8	DP	
C3M	261 504 130		20	4.5	250	150	15.0	6.0	100	100	5.2	B8B	P	
C9	642 300 000		4	9	150		3.5	0.9	100		0.9	B4	T	
C10B	023 100 080		20				75		REC		23mA	B5C	R	
C10B	802 310 000		20				60		REC		23mA	B5	R	
C20C	892 310 000		13						D			B5	DD	
C23B	809 231 600	G1	13	5	200		4	2	100		2	B7	DDT	
C25	642 300 000		4	2.5	200		2.3	1.2	150		1.2	B4	T	
C30	261 504 130		6.3	4.5	250	150	15	6	100	100		B8B	P	
C30B	000 231 600	G1	13	4	200		4	3.2	150		3.2	B7	T	
C36A	645 231 740		21	1.5	100		4	2	100	60	1.2	B9	TH	
					250	75	3		100	75				
C36B	645 231 700	G1	29		100		4	2	100	60	1.2	B7	TH	
					250	150	3.4		200	75	3			
C36C	645 231 740		29		100		4	2	100	60	1.2	B9	TH	
				2.5	250	75	3	3.5	100	75				
C50B	061 231 500	G1	12	2.2	200	200	2.5	2.8	100	150	2.8	B7	P	
C50N	061 231,500	G1	13	2	200	200	9.5	2	100	150	2	B7	P	
C70D	023 110 560	G1	33	8.5	200	200	45	8	100	150	7	B5C	P	
C70D	045 231 560		35	8.5	200	200	45	8	100	150	7	B7	P	
C80B	123 154 560	G1	13	1.5	200	90	1.9		150	75		B5C	O	
C109	642 300 000		1	9	150		3.5	0.5	100		0.5	B4	T	
C125	642 300 000		1	3	150		0.7	0.8	125		0.8	B4	T	
C135	042 300 000	A1	1.4		150		1.5	1	100		1	B4	T	
C142	542 300 000	A1	1	1.5	150	75	1.7	0.7	100	75	0.8	B4	P	
C144	245 134 200	ATA2	6.3	15	300	200	40	9	No Data Available			B7A	PP	
C180	245 134 200	ATA2	6.3	20	300	250	55	3.5	No Data Available			B7A	PP	
C243	642 350 000		2	15	150	150	17	1.5	100	100	1.5	B5	P	
C243N	642 350 000		2	4.5	150	125	6	3.2	150	100	2.2	B5	P	
C243N	264 530 000		2	4.5	150	125	6	2.2	150	100	2.2	UX5	P	
C405	642 300 000		4	32	250		20	1.9	100		1.9	B4	T	
C405	264 300 000		4	32	250		20	1.9	100		1.9	UX4	T	
C408	642 300 000		4	7	150		14	2.9	100		2.9	B4	T	
C443	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P	
C443N	642 350 000		4	42	300	200	20	1.5	100	150	1.5	B5	P	
C443N/S	642 350 000		4	20	300	150	20	1.5	100	100	1.5	B5	P	
C453	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P	
C508	264 300 000		5	9	150		6.2	1.7	100		1.7	UX4	T	
C509A	642 300 000		5	10	150		10	1	100		1	B4	T	
C543	642 350 000		4	1	100	150		2	100	150	2	B5	P	
C603	642 300 000		6	40	200		20	1.7	100		1.7	B4	T	
C606	642 300 000		6	27	250		20	3.3	100		3.5	B4	T	
C643	642 350 000		6	21	300	200	20	1.5	100	150	1.5	B5	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
CB215	446 230 700		2	1	150		15	1.7	100		1.7	B7	TT
CB215S	023 064 470		2	1	150		12	1.7	100		1.7	88C	TT
CB220	446 230 700		2	3	150		15		100			B7	TT
CBCL1	023 198 060	G1	13	7	250		4	2	100		2	88C	DDI
CBCL1	023 189 560	G1	44	8.5	200	200	45	8	100	150	7	88C	DDP
CB16	023 198 560	G1	44	8	100	100	45	6	100	75	6	88C	DDP
CB131	026 985 310	G1	44	8.5	200	200	45	8	100	150	7	A08	DDP
CC1	023 100 060	G1	13	3.7	200		2.6	2	150		2	88C	T
CC2	023 100 060	G1	13	5.5	250		6	2.5	200		2.5	88C	T
CC81E	641 227 413		6.3	0.6	250		10	5.5	100		5.5	B9A	TT
CCR2E	641 227 413		6.3	8.5	250		10.5	2.2	100		2.5	B9A	TT
CC86E	641 227 413		6.3	9.3	250		14.5	5.2	100		6	B9A	TT
CCA	741 226 413		6.3		100		15	12	No Data Available			B9A	TT
CCM1	023 156 470	G1	20	2	200		2.5	2.3	100	60	2.3	88C	TH
CCM2	023 164 570	G1	20	2	200	50	2.5	2.3	100	60	2.3	88C	TH
				2	200	75	2		100	75			
CCM35	027 546 310	G1	7.5	2	100		5.4	2.2	100	60	2.8	A08	TH
CE230	320 200 000	D1	2.5	2	250	100	5	2.4	200	100	4		
CF1	023 110 560	G1	13	2	200	100	3	2.3	100	100	15mA	UX4	R
CF2	023 110 560	G1	13	2	200	100	4.5	2.2	100	100	2.3	88C	P
CF3	023 110 560	G1	13	2	100	75	7.5	2.1	100	75	2.1	88C	P
CF7	023 110 560	G1	13	2	100	100	3	2.1	100	100	2.1	88C	P
CF50	123 100 560	G1	30	2	200	100	1.5	3.3	100	100	3.3	88C	P
CF51	123 100 560	G1	30	2	250	100	1.7	3.3	100	100		88C	P
CF61	276 454 130		6	2	100		5	2.2	100	60	2.8	B8A	TH
				2	250	100	3	2	100	100	2.4		
CF141	276 454 130		14	2	100		6.4	2.2	100	60	2.8	B8A	TH
CH1	023 145 560	G1	13	2	200	90	2.7	1.5	100	75	1.5		
CK1	023 154 560	G1	13	1.5	250	75	3	1.8	200	75	1.8	88C	P
CK3	023 154 560	G1	19	15	200	90	8	3	200	75	1.6	88C	P
CK108	265 113 000	G1	6.3	3	250	100	2.5		No Data Available			88C	O
							2.3	1.2	100	100		UX6	P
CK507AX	653 420 000		1.2	2	40	40	0.9	0.6	No Data Available			B5A	P
CK509AX	634 200 000		0.62		40		0.1	0.1	No Data Available			B5A	T
CK515BX	634 200 000		0.62		40		0.1	0.1	No Data Available			B5A	T
CK518AX	653 420 000		1.2	2	40		0.8	0.5	No Data Available			B5A	T
CK520AX	653 420 000		0.62	2.5	40	40	0.2	0.1	No Data Available			B5A	P
CK521AX	653 420 000		1.2	3	20	20	0.6	0.4	No Data Available			B5A	P
CK523AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available			B5A	P
CK524AX	653 420 000		1.2	1.7	20	20	0.4	0.3	No Data Available			B5A	P
CK525AX	653 420 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
CK526AX	653 420 000		1.2	1.5	20	20	0.5	0.4	No Data Available			B5A	P
CK527AX	653 420 000		1.2		20	20	0.1	0.2	No Data Available			B5A	P
CK528AX	653 420 000		1.2	1.2	40	40	0.7	0.6	No Data Available			B5A	P
CK529AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available			B5A	P
CK531DX	653 420 000		1.2	1.5	20	20	0.3	0.2	No Data Available			B5A	P
CK532DX	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
CK533AX	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
CK535AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available			B5A	P
CK536AX	653 420 000		1.2		20	20	0.3	0.4	No Data Available			B5A	P
CK537AX	653 420 000		1.2	1.5	20	20	0.5	0.4	No Data Available			B5A	P
CK539AX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available			B5A	P
CK541DX	653 420 000		1.2		30	30	0.2	0.4	No Data Available			B5A	P
CK542DX	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P
CK542DXS	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P
CK544DX	653 420 000		1.2		30	30	0.1	0.3	No Data Available			B5A	P
CK545DX	653 420 000		0.6	0.6	20	20			No Data Available			B5A	P
CK546	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
CK547DX	653 420 000		1.2		30	30	0.2	0.4	No Data Available			B5A	P
CK1002	008 090 010		6			30	3kΩ		No Data Available			A08	CCR
CK1005	008 092 030		6.3			30			REC	15mA		A08	RR
CK1006	289 300 000		2			60			REC	20mA		UX4	RR
CK1007	008 092 030		1			60			REC	20mA		A08	RR
CK1012	289 300 000		2			120			REC	30mA		UX4	RR
CK1024	008 090 010		6			60	3kΩ		No Data Available			A08	CCR
CK1028	202 322 300	D1	6			60			REC	20mA		B7G	R
CK1091	200 800 300		1.4					D				B7G	D
CK1216	672 344 100		6.3		100		5	3.4	100		3.4	B7G	TT
CK5608	264 147 300		2.5	6	200		6	2.4	100		2.4	UX7	TT
CK5608A	264 147 300		2.5	6	300		6	2.4	100		2.4	UX7	TT
CK5639	412 163 510		6.3		150	100	21	9	150	100		B8D	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
CK5639A	412 163 510		6.3		150	100	21	9	150	100		B8D	P
CK5654	412 365 100		6.3		2	150	125	7.5	5	100	100	B7G	F
CK5656	544 231 671		6.3		2	150	125	15	5.8	100	100	B9A	PP
CK5670	214 607 413		6.3			150		8.5	5.5	100		B9A	TT
CK5672	653 420 000		1.2	6.5	60	60		3.2	0.6	No Data Available		B5A	P
CK5676	624 300 000		1.2	5	150		4	1.6	100		1.6	B5A	T
CK5677	624 300 000		1.2	5.5	150		1.9	0.8	100		1.9	B5A	T
CK5678	652 430 000		1.2		60	60	1.8	1.1	No Data Available			B5A	P
CK5687	641 221 437		6.3	2	150		36	11	No Data Available			B9A	TT
CK5692	461 471 230		6.3	9	250		6.5	2.2	100			A08	TT
CK5693	126 447 310		6.3	6	200		7	3.2	100			B4B	TT
CK5694	126 447 310		6.3	6	300		7	3.2	100			A08	TT
CK5697	632 400 000		0.6	3	12		0.2	0.1	No Data Available			B5A	T
CK5702	653 420 000		6.3		150	125	7.5	5	100	100		B7G	P
CK5702WA	653 420 000		6.3		150	125	7.5	5	100	100		B7G	P
CK5702WB	653 420 000		6.3		150	125	7.5	5	100	100		B7G	P
CK5703	623 410 000		6.3		150		9	5	100		5	B5A	T
CK5703WA	623 410 000		6.3		150		9	5	100		5	B5A	T
CK5703WB	623 410 000		6.3		150		9	5	100		5	B5A	T
CK5704	623 100 000		6.3				5		D			B5A	D
CK5074WA	623 100 000		6.3		150		5		D			B5A	D
CK5725	412 365 100		6.3	2	150	125	5.2	3.2	100	100		B7G	P
CK5726	182 310 900		6.3				5		D			B7G	DD
CK5744	623 410 000		6.3		250		4	4	100			B5A	T
CK5744WA	623 410 000		6.3		250		4	4	100			B5A	T
CK5744WB	623 410 000		6.3		250		4	4	100			B5A	T
CK5749	412 365 100		6.3		250	100	11	4.4	100	100	4.4	B7G	P
CK5751	641 227 413		6.3	3	250		1.0	1.2	100			B9A	TT
CK5755	614 224 173		6.3	0.9	100		0.1	0.5	100		0.5	B9A	TT
CK5784	652 311 400		6.3	2	150	125	5.2	3.2	100	100		B7P	P
CK5784WA	652 311 400		6.3	2	150	125	5.2	3.2	100	100		B7P	P
CK5784WB	652 311 400		6.3	2	150	125	5.2	3.2	100	100		B7P	P
CK5785	823 000 000		1.2						D				D
CK5814	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
CK5829	812 139 100		6.3				5		D			B7P	DD
CK5829WA	812 139 100		6.3				5		D			B7P	DD
CK5851	206 035 240		1.2	7.5	150	125	5.5	1.6	100	100		B8D	P
CK5854	652 430 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	P
CK5873	264 114 730		6.3	3	150		9	2.9	100			B8D	TT
CK5875	652 430 000		1.2		90	90	3.5	2.5	80	75		B5A	P
CK5881	026 540 310		6.3	14	150	250	75	6.1	100	100		A08	P
CK5910	265 024 300		1.4		90	90	1.6	0.9	100		0.9	B7G	P
CK5965	641 227 413		6.3		150		8.2	6.5	100			B9A	TT
CK5967	624 334 270		1.2		40		3	0.1	No Data Available			B8D	TT
CK5968	624 334 270		1.2		40		0.7	1.3	No Data Available			B8D	TT
CK5969	245 675 430		1.2	3	150	40	6	1.7	No Data Available			B8D	PP
CK5970	245 675 430		1.2		40	40	3	1.8	No Data Available			B8D	PP
CK5971	642 430 000		1.2		60		3.5	2.1	No Data Available			B5A	T
CK5972	652 430 000		1.2		60	60	2.5	1.3	No Data Available			B5A	P
CK5975	614 230 000		6.3		100		10	5.1	100		5	B5A	T
CK5995	8*2 310 000		6.3				30		REC		15mA	B5A	R
CK6005	412 365 400		6.3	12.5	250	250	45	4.1	100	150	4	B7G	P
CK6021	642 113 470		6.3		100		6.5	5.4	100		5.4	B8D	TT
CK6029	624 300 000		1.2	4	90		11	2	80		3	B5A	T
CK6050	624 300 000		1.2	5	150		4	1.6	100		2	B5A	T
CK6051	652 430 000		1.2	4	40	40	3	1.2	No Data Available			B5A	P
CK6088	653 420 000		1.2	1.2	40	40	0.7	0.6	No Data Available			B5A	P
CK6092	653 420 000		1.2	4.5	40	40	1.4	0.6	No Data Available			B5A	P
CK6100	602 364 100		6.3	8.5	250		10.5	2.2	100			B7G	T
CK6101	672 344 100		6.3		100		9	6	100		6	B7G	TT
CK6110	812 093 100		6.3						D			B8D	DD
CK6111	642 113 470		6.3		100		8.5	5	100		5	B8D	TT
CK6112	642 113 470		6.3		100		0.8	1.8	100		2	B8D	TT
CK6135	602 364 100		6.3	8.5	250		10.5	2.2	100		2.2	B7G	T
CK6147	206 035 240		1.2	7.5	150	125	5.5	1.6	100	100		B8D	P
CK6152	614 230 000		6.3		100		10	5.1	100		5	B5A	T
CK6186	412 365 100		6.3		250	150	7	5	100	100		B7G	P
CK6201	641 227 413		6.3		250		10	5.5	100			B9A	TT
CK6245	652 311 400		6.3		20	30	2.5	3.3	No Data Available			B7G	P
CK6247	442 613 060		6.3		250			2.6	100			B8D	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
CK6247VA	442 613 060		6.3		250			2.6	100			B8D	T
CK6286	624 300 000		1.2	2	60		6	2.1	No Data Available			B5A	T
CK6397	206 035 240		1.2	7.5	150	125	7.2	2	100	100		B8D	P
CK6414	741 226 413		6.3		200		8	5.5	100		6	B9A	TT
CK6418	652 430 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
CK6419	652 430 000		0.6	0.6	12	12			No Data Available			B5A	P
CK6485	412 365 100		6.3		300	150	10	9	100	100		B7G	P
CK6519	653 420 000		1.2	20	20	20	0.4	0.4	No Data Available			B5A	P
CK6526	652 430 000		1.2	6	100	100	6.5	1.9	100	100	2	B5A	P
CK6533	644 612 360		6.3		150		0.9	1.7	100			B8D	T
CK6533VA	644 612 360		6.3		150		0.9	1.7	100			B8D	T
CK6540	652 311 400		6.3		150		7.5	5	100			B7G	P
CK6611	642 113 470		6.3		100		8.5	5	100		5	B8D	TT
CK6612	642 113 470		6.3		100		0.8	1.8	100		0.8	B8D	TT
CK6872	652 311 400		6.3		150	125	7.7	4.1	100	100		B7G	P
CK6883	125 141 310	A1	12.6	33	300	200	70	7	No Data Available			A08	P
CK7994	346 441 430		6.3	1	100		13	18	No Data Available			B8D	T
CK7995	214 311 650		6.3	1.6	150	150	8	13	No Data Available			B8D	P
CL1	023 100 560	G1	13	14	200	200	25	2.5	100	150	2.5	8SC	P
CL2	023 100 560	G1	24	15	100	100	50	3.8	200	75	3.8	8SC	P
CL4	023 100 560	G1	33	8.5	200	200	45	8	100	150	7	8SC	P
CL6	023 100 560	G1	35	9.5	200	100	45	8	100	90	7	8SC	P
CL33	026 540 310		33	8.5	200	200	45	8	100	100	7	A08	P
CO241	026 500 300	G1	2	1	150	75	3.5	1.4	125	80	1.4	A08	P
CO243	026 447 300		2		150		4	1.8	100		1.8	A08	TT
CO244	026 540 300		2	2.5	150	125	4.1	1.8	125	125	1.8	A08	P
CO257	021 450 300		2	3	100	100	6	2.5	100	100	3	A08	P
CO258	026 540 300		1.8	6	150	125	10	2	100	100		A08	P
CT1	023 100 080		20				60		REC		60mA	8SC	R
CT1C	803 210 000		20				60		REC		20mA	B5	R
CT2	123 190 080		30				60		REC		20mA	8SC	RR
CT21	208 001 003		25				120		REC		23mA	B9A	R
CT31	020 080 310		20				120		REC		60mA	A08	R
CT32	029 180 310		30				60		REC		23mA	A08	RR
CT30	028 193 210		80				60		REC		20mA	A08	RR
CZ501D	265 113 000	G1	3.5	2.5	150	125	6.5	3.5	100	100	3	UX6	P
CZ504D	265 413 000		5.5	13.5	250	200	40	3.5	100	100		UX6	P
D1	123 000 000	D1	4				5		100			B3G	R
D1	289 300 000		5				60		REC		20mA	UX4	RR
D1	642 300 000		4	1	40		1	0.8	No Data Available			B4	T
D2	642 300 000		4	6	100		2.2	0.2	100		0.2	B4	T
D2M9	182 310 900		6.3				5		D			B7G	DD
D3A	141 230 615		6.3	11.2	200	150	22	36	No Data Available			B9A	P
D3P	141 23* 615		1.2	3	150	60	1.7	0.6	100	60		B9A	P
D4	642 310 000		4	3	200		4	3.3	100		3	B5	T
D13U	023 100 060	G1	13	5	250		6	2.5	100			8SC	T
D41	892 310 000		4						D			B5	DD
D42	812 300 000		4				15		D			B4	D
D43	012 300 000	D1	4				15		D			B5	D
D61	268 154 130		6.3	2	250	125	5	1.8	100	100		B8A	DP
D63	028 190 310		6						D			A08	DD
D77	192 310 800		6						D			B7G	DD
D105	264 300 000		1	18	150		8	2	150		2	UX4	T
D105	642 300 000		1	18	150		8	2	150		2	B4	T
D110	264 300 000		4	40	250		40	2.7	100		2.7	UX4	T
D110	642 300 000		4	40	250		40	2.7	100		2.7	B4	T
D121	268 154 130		12.5	2	200	90	5	2	100	100	2	B8A	DP
D143	652 350 000		1	1	100	150		1.2	100		1.2	B5	P
D152	192 310 800		6						D			B7G	RR
D210	642 300 000		2	3	150		3.5	1.2	100		1.2	B4	T
D110SV	603 200 000	G1	2	4.5	150		2.4	1.3	100		1.3	B4	T
D243	642 350 000		2.5	27	300	200	20	2	100	100		B5	P
D400	892 310 000		4						D			B5	DD
D401	902 310 000	D1	4						D			B4	DD
D404	364 200 000		4	40	250		40	2.7	100			UX4	T
D404	642 300 000		4	40	250		40	2.7	100			B4	T
D410	642 300 000		4	3	150		3.5	0.5	150		0.5	B4	T
D418	102 300 000	D1	4						D			B4	D
D601	023 181 910		6						D			8SC	DD
DA	000 231 600	G1	13	2.6	200		3.7	2.2	150		2.2	B7	T
DA1	642 300 000		2	1	40		0.3	0.4	No Data Available			SM4	T
DA2	642 300 000		2	2.1	40		1.2	0.5	No Data Available			SM4	T
DA3	642 300 000		2	2.8	40		1.8	0.6	No Data Available			SM4	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
DA30	642 300 000		4(5)	70	300		60	3.5	100		6	B5	T	
DA42	214 300 000	A1	7.5		400				100			B4	T	
DA90	281 0*8 300		1.4				5		D			B7G	R	
DA101	200 800 300		1.2						D			B7G	D	
DA406	542 300 000	A	4	2.5	150	75	3	0.8	100	75	0.8	B4	P	
DAC1	023 008 060		1.4		90		0.1	0.3	80		0.3	B8C	DT	
DAC21	206 008 030	G1	1.4		100		0.7	0.4	80		0.3	A08	DT	
DAC32	264 008 030		1.2		90		0.3	0.3	90		0.3	B8G	DT	
DAC25	264 228 230		1.2		150		0.6	0.3	125		0.3	A08	DT	
DAC31	036 080 200	G1	1.4		90		0.4	0.3	80		0.3	A08	DT	
DAC32	036 080 200	G1	1.4		90		0.1	0.3	90		0.3	A08	DT	
DAF1	802 362 450		1.2		150	60	1.4		125	60		B7	DP	
DAF11	802 362 450		1.2		90	50	0.8	0.5	80	60	0.5	F8	DP	
DAF40	268 354 230		1.4		75	75	0.8	0.7	80	75	0.8	B8A	DP	
DAF41	268 354 230		1.4	1	75	75	0.8	0.7	80	75	0.8	B8A	DP	
DAF70	604 238 050		1.2		60	60	0.8	0.4	80	75		B8D	DP	
DAF91	208 564 300		1.4	1	90	90	2	0.7	80	90	0.7	B7G	DP	
DAF92	265 804 300		1.4	1	90	90	2	0.7	90	90	0.7	B7G	DP	
DAF96	208 564 300		1.4	1.5	60	60	0.2	0.2	80	75	0.2	B7G	DP	
DAF191	2*8 564 300		1.4		60	60	2.2	0.7	80	75		B7G	DP	
DAF961	208 564 300		1.2		60	60	2.2	0.7	No Data Available			B7G	DP	
DAS1	542 300 000	A	2	2.7	150	125	1.5	0.6	100	100	0.6	B7G	P	
DB	446 230 700		25		250		40		100			B7	TT	
DBC21	206 098 030	G1	1.4	1.5	150		1.6	0.9	100		0.9	A08	DDT	
DBC25	208 904 630		1.2	1.5	150		1.6	0.9	125		0.9	B8B	DDT	
DBC31	026 980 300	G1	1.4	1.5	150		1.6	0.9	100		0.9	A08	DDT	
DC2/HLDD	809 231 600	G1	25	1	200		2		100		2	B7	DDT	
DC2P	642 310 000		35	13.5	200		17	3.7	100		3.7	B5	T	
DC2/Pen	045 231 600		35	10	250	200	30	2.5	100	100	2.5	B7	P	
DC2/Pen	642 310 000	G2	35	10	250	200	30	2.5	100	100	2.5	B5	P	
DC2SG	542 310 000	A	20	1	200	75	5.5	1.8	200	75	1.8	B5	P	
DC2SGVM	542 310 000	A1	20	2	200	60	5.8	1.5	200	60	1.5	B5	P	
DC3HL	642 310 000		25	1	90		0.3	0.4	100		0.4	B5	T	
DC11	602 302 400		1.2	2.5	90		2	1	80		1	F8	T	
DC25	260 024 030		1.2	3.5	100		1.8	0.8	100		0.8	B8B	T	
DC70	400 230 060		1.2	4.5	150		14.5	3.7	100		3.4	B8D	T	
DC80	402 230 060		1.2	3.5	150		20	3.5	100		3.5	B9A	T	
DC90	266 044 300		1.4	3	90		3	1.1	90		1.1	B7G	T	
DC93	204 036 200		1.4	5	100		10	2.4	100		2.3	B7G	T	
DC96	266 044 300		1.4	2.5	90		2.1	1	90		1	B7G	T	
DC193	2*4 *36 200		1.4	5	100		10	2.4	100		2.4	B7G	T	
DC90	274 346 200		1.4	2.5	90		3.7	1.8	80		1.8	B7G	TT	
DCH1	207 540 630	G1	1.4	{	60		2.1	1.4	60	60	1.4	A08	TH	
					150	125	1	1	100	100				
DCH11	642 273 450		1.2	{	90		0.8		100	60		F8	TH	
					150	60	1		100	60				
DCH21	207 540 630	G1	1.4	{	60		2.1	1.4	80	60		A08	TH	
					90	60	1		80	60				
DCH22	276 454 030		1.2	{	60		1.4		80	60		A08	TH	
					90	50	0.7		80	60				
DCH25	276 454 030		1.4	{	60		2	1.3	80	60		A08	TH	
					90	60	1		80	60				
DCH31	027 546 300	G1	1.4	{	60		2.1	1.4	80	60		A08	TH	
					90	60	1	1.4	80	60				
DC/HL	642 310 000		6	1	100		3		100		3	B5	T	
DC/P	642 310 000		8	1	200		4.5		200		4.5	B5	T	
DC/SG	542 310 000	A1	6		150	75		2.7	200	75	2.7	B5	P	
DD4	892 310 000		4						D			B5	DD	
DD40	091 231 800		4						D			B7	DD	
DD6	892 310 000		6						D			B5	DD	
DD6	192 310 800		6						D			B7G	DD	
DD6DS	023 180 910		6						D			B8C	DD	
DD6G	192 310 800		6						D			B7G	DD	
DD13	892 310 000		13				5		D			B5	DD	
DD41	219 080 130		4						D			MOH	RR	
DD101	219 080 130		10						D			MOH	DD	
DD207	892 300 000		2						D			B4	DD	
DD465	902 310 000	D1	4						D			B5	DD	
DD620	892 310 000		6						D			B5	DD	
DD818	892 310 000		8						D			B5	DD	
DD960	204 036 200		1.4	3	60		9	2.4	No Data Available			B7G	T	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
DDA1	892 310 000		4						D			B5	DD
DDD11	742 302 460		1.2	4.5	150		1.5	1.0	125		1.5	P8	TT
DDD25	206 447 030		1.4	1.5	100		3.5	1.2	100		1.2	A08	TT
DDL4	892 310 000		4						D			B5	RR
DDP4B	968 231 500	G1	4	5	250	250	36	8	100	150	7	B7	DDP
DDP4M	918 236 500	G1	4	5	250	250	36	8	100	150	7	B7	DDP
DD/Pen	849 231 500	A	4	2.5	200	100	5	2.7	100	100	2.7	B7	DDP
DDPF4B	869 231 500	G1	4	5	250	250	36	10	100	150	9	B7	DDP
DDPF4BS	023 189 560	G1	4	5	250	250	36	10	100	150	9	B8C	DDP
DDPF4M	869 231 500	G1	4(5)	5	250	250	36	10	100	150	9	B7	DDP
DDPP6B	968 231 500	G1	6	6	250	250	36	9.5	100	150	9	B7	DDP
DDPP6BS	023 189 560	G1	6	5	250	250	36	10	100	150	9	B8C	DDP
DDPF39	968 231 500	G1	39	8	200	200	45	8.5	100	150	8	B7	DDP
DDPP39M	918 236 500	G1	39	8	200	200	45	8.5	100	150	8	B7	DDP
DDPP39S	023 198 560	G1	44	8	200	200	45	8.5	100	150	8	B8C	DDP
DDR2	256 101 403		6	5	250	250	40	12	No Data Available			B9G	P
DDR3	812 380 000		6			60			REC	20mA		B7G	R
DDR7	412 360 500		6	12.5	250	250	16	2.6	100	150	2.6	B7G	P
DDT	908 231 600	G1	4	3	200		3.4	2.4	100		2.4	B7	DDT
DDT2	682 390 000	G1	2	3	150		1	1.4	100		1.4	B5	DDT
DDT2B	682 390 000	G1	2	4.5	150		2.5	1	100			B5	DDT
DDT2BS	023 089 060	G1	2	4.5	150		2.5	1	100		1	B8C	DDT
DDT4	809 231 600	G1	4	3	150			2.5	150		2.5	B7	DDT
DDT4(S)	908 231 600	G1	4	3	200		3	3.6	150		3.6	B7	DDT
DDT4(S)	023 198 060	G1	4	5	250		4	3.6	150		3.6	B8C	DDT
DDT6	809 231 600	G1	6	5.5	250		4	2	150		2	B7	DDT
DDT6S	023 189 060	G1	6	5.5	250		5	2	150		2	B8C	DDT
DDT13	908 321 600	G1	13	4	200		5	2	150		2	B7	DDT
DDT13S	023 189 060	G1	13	5	200		4	3.6	100		3.6	B8C	DDT
DDT16	809 231 600	G1	16	3	200		5	2.5	100		2.5	B7	DDT
DDT213	809 231 600	G1	13	4	200		5	2.2	150		2.2	B7	DDT
DDT215	682 390 000	G1	2	3	150		3	1.6	100		1.6	B5	DDT
DDT220	682 390 000	G1	2.5	4.5	150		2.5	1	100		1	B5	DDT
DE1	264 130 000		2.5	21	250		5.2	1	100		1	UX5	T
DE5	280 300 000		2.5			120			REC	30mA		UX4	R
DET19	204 140 300	A1A2	6		300		25	2.1	100			UX7	TT
DET20	020 000 310	A1G1	6	5.5	250		12	3	100		3	A08	T
DF1	032 000 560	G1	1.4		90	90	1.2	0.7	80	90	0.7	B8C	P
DF11	602 302 450		1.2		90	50	0.9	0.6	80	60	0.6	P8	P
DF16	654 230 000		0.6		20	20	0.3	0.3	No Data Available			B5A	P
DF21	206 501 030	G1	1.4		90	90	1.2	0.7	80	90	0.7	A08	P
DF22	206 501 030	G1	1.4	1.5	90	90	1.4	1.1	80	90	1.1	A08	P
DF23	265 114 130		1.2	1.5	90	60	0.6	0.6	80	60	0.6	A08	P
DF25	265 114 130		1.2	0.5	150	60	1	0.6	125	60	0.6	A08	P
DF26	265 114 130		1.2	1.1	150	90	1.2	0.3	125	90	0.3	A08	P
DF31	026 510 300	G1	1.4		90	90	1.2	0.6	80	90	0.6	A08	P
DF32	026 510 300	G1	1.4	1.5	90	90	1.4	1.1	80	90	1.2	A08	P
DF33	036 500 200	G1	1.4	0.5	90	90	0.8	0.7	80	90		A08	P
DF51	542 300 000	A1	1.5		40	12	1.1	0.1	No Data Available			SM4	P
DF60	652 430 000		1.2	2	60	60	0.5	0.8	No Data Available			B5A	P
DF61	652 430 000		1.2	1	60	60	0.9	0.8	No Data Available			B5A	P
DF62	652 430 000		1.2	1	90	90	7.4	2	80	75		B5A	P
DF63	652 430 000		1.2	2.5	90	90	1.2	0.4	80	80	0.6	B5A	P
DF70	*44 234 650		0.6		40	40	0.4	0.2	No Data Available			B8D	P
DF72	*40 230 650		1.2		60	60	1.7	1	No Data Available			B8D	P
DF73	*40 230 650		1.2		90	75	1.7	0.8	80	75	0.8	B8D	P
DF91	265 024 300		1.4		90	75	3.5	0.9	80	60	0.9	B7G	P
DF92	265 024 300		1.4	2	90	60	1.9	0.7	80	60	0.7	B7G	P
DF95	265 024 300		1.4	1	90	75	3.7	1	80	60	1	B7G	P
DF96	265 *24 300		1.4	0.8	75	75	1.4	0.6	80	75	0.7	B7G	P
DF97	265 224 300		1.4		60	60	1.7	0.8	80	75	0.8	B7G	P
DF161	026 510 300	G1	0.7		20	20	0.3	0.8	No Data Available			A08	P
DF167	653 420 000		0.6		20	20	0.1		No Data Available			B5A	P
DF191	265 *24 300		1.4		60	60	4.2	1	No Data Available			B7G	P
DF668	652 430 000		1.2	1.6	90	90	5.7	2.3	80	90		B5A	P
DF669	652 430 000		1.2		60	60	1.8	1.1	No Data Available			B5A	P
DF904	265 *24 300		1.4		90	90	1.6	0.9	90	90	0.9	B7G	P
DF906	265 *44 300		1.4		40	40	3	1.7	No Data Available			B7G	P
DFP50	265 024 300		1.2		60	60	3.4	0.8	No Data Available			B7G	P
DFP51	246 557 430		1.4	1.1	20	20	2.2	1.2	No Data Available			A08	PP
DFP51	246 557 430		1.4		20	20	2.1	0.7	No Data Available			A08	PP
DFP101	634 572 400		1.4		40	40	1	0.2	No Data Available			B7G	PP

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
DG210	642 350 000		2	1.5	100	20	1	1	No Data Available			B5	P
DH	642 310 000		16	3	200		6	3.7	100		3.7	B5	T
DH30	908 231 600	G1	13	2	200		2.8	4.5	150		4.5	B7	DDT
DH42	908 231 600	G1	4	3	250		1.1	1.2	150		1.2	B7	DDT
DH63	026 890 310	G1	6	3	250		1.1	1.2	150		1.2	A08	DDT
DH73	026 890 310	G1	6	3	250		4.5	2	250		2	A08	DDT
DH74	026 890 310	G1	13	3	250		1.1	1.2	100		1.2	A08	DDT
DH76	026 890 310	G1	13	3	250		1.1	1.2	150		1.2	A08	DDT
DH77	412 389 600		6	3	250		1	1.2	150		1.2	B7G	DDT
DH81	264 *98 130		6	3	250		1	1.2	150		1.2	B8B	DDT
DH101	264 *98 130		19	3	250		1	1.2	150		1.2	B8B	DDT
DH107	412 389 600		19	3	250		1	1.2	150		1.2	B7G	DDT
DH109	191 238 146		28	2.3	200		1	1.4	100		1.4	B9A	DDDT
DH118	264 089 130		13	1	100		0.8	1.4	100		1.4	B8A	DDT
DH119	641 238 09*		13	0.7	100		0.8	1.4	100		1.4	B9A	DDT
DH142	264 098 130		14	1.6	200		1.5	1.6	100		1.4	B8A	DDT
DH147	026 890 310	G1	6	5.5	250		5	2	100		2	A08	DDT
DH149	264 198 130		6	1	250		1.3	1	250		1	B8A	DDT
DH150	264 098 130		6	3	250		10	1.3	150		1.3	B8A	DDT
DH158	264 089 130		6.3	3	250		1	1.3	100		1.4	B8A	DDT
DH719	981 231 146		6	3	250		1	1.3	100		1.3	B9A	DDDT
DHD	908 231 600	G1	16	3.2	200		3.2	2.2	200		2.2	B7	DDT
DHL	642 310 000		16	1.5	150		3.8	4.5	100		4.5	B5	T
DK1	023 064 560	G1	1.4		90	50	1.8	0.5	80	60	0.5	BSC	H
DK21	206 540 630	G1	1.4	2	60	60	4.5	1.4	80	60	1.4	A08	H
DK31	027 546 300	G1	1.4	1	75	60			80	60			
DK32	036 546 200	G1	1.4	1	150	90			125	90		A08	TH
					90	50	1.8	0.5	80	60	0.5	A0E	H
DK40	265 454 030		1.4	2	75	75	0.9	0.7	80	75		B8A	O
DK91	266 424 300		1.4	4	75		4.5	1.2	80		1.4	B7G	H
DK92	266 464 300		1.4	4	60		4	1.2	80		1.2	B7G	H
DK96	265 461 300		1.4	1.5	75	50	1	0.4	80	60	0.4	B7G	H
DK192	265 454 300		1.4		60	60						B7G	H
DL	642 310 000		16	8	200		25	4.5	100		4.5	B5	T
DL1	023 004 560		1.4	3	90	90	4	1.2	80	75	1.2	BSC	P
DL2	032 004 560		1.4	7.5	90	90	7.5	1.5	80	75	1.5	BSC	P
DL11	602 302 450		1.2	4.4	90	90	3.7	1	80	90	1	F8	P
DL21	206 540 030		1.4	3	90	90	4	1.3	80	90	1.3	A08	P
DL22	265 004 330		1.2	4	150	125	5	1.6	100	100	1.6	A0E	P
DL25	265 204 330		1.2	4.7	150	125	4.5	2.1	100	100	2.1	A08	P
DL29	265 004 320		1.4	4.5	90	90	9.5	2.4	80	90	2.4	B8G	P
DL31	036 540 200		1.4	3	90	90	4	1.2	80	75	1.2	A08	P
DL33	036 540 320		1.4	4.5	90	90	9.5	2.2	80	75	2.2	A08	P
DL35	036 540 200		1.4	7.5	90	90	7.5	1.5	80	75	1.5	A08	P
DL36	036 540 200		1.4	4.5	90	90	9.5	2.2	90	90	2.2	A08	P
DL41	36* 054 220		1.4	5.8	150	125	5	1.3	80	90	1.3	B8A	P
DL63	026 890 310	G1	6	3	250		4.2	1.6	100		1.6	A08	DDT
DL64	652 430 000		1.2	1.5	20	20	0.2	0.2	No Data Available			B5A	P
DL65	365 420 000		1.2	0.2	20	20	0.5	0.4	No Data Available			B5A	P
DL66	653 420 000		1.2	1.4	20	20	0.3	0.3	No Data Available			B5A	P
DL67	653 420 000		1.2	0.2	20	20	0.5	0.4	No Data Available			B5A	P
DL68	653 420 000		1.2	2.2	20	20	0.6	0.4	No Data Available			B5A	P
DL69	652 430 000		1.2	2.5	90	90	1.7	0.8	80	75	0.8	B5A	P
DL70	*4* 23* 650		1.2	7.5	150	90	7.5	1.9	150	90	1.9	B8D	P
DL71	*4* 23* 650		1.2	1.2	40	40	0.6	0.5	No Data Available			B8D	P
DL72	*4* 23* 650		1.2	4.5	40	40	1.2	0.5	No Data Available			B8D	P
DL73	*40 230 650		1.2	9	100	100	15	2.5	100	100	3.8	B8D	P
DL74	026 890 310	G1	13	3	250		5.1	1.6	100		1.6	A08	DDT
DL75	*40 23G 650		1.2	2.5	90	90	1.7	0.8	90	90	0.9	B8D	P
DL82	264 *98 130		6.	3	250		5	1.4	150		1.4	B8B	DDT
DL91	264 526 300		1.4	7	90	75	7.4	1.6	80	60	1.5	B7G	P
DL92	264 536 200		1.4	7	90	75	7.4	1.6	80	75	1.6	B7G	P
DL93	365 426 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	B7G	P
DL94	165 024 300		1.4	4.5	90	90	9.5	2.1	80	75	2.1	B7G	P
DL95	264 536 200		1.4	4.5	90	90	9.5	2.1	80	75	2.1	B7G	P
DL96	265 034 200		1.4	5.2	90	90	5	1.4	80	60	1.4	B7G	P
DL98	524 233 600		1.2	38	150	125	25	1.7	No Data Available			B7G	P
DL101	036 540 210		1.4		100	100	10	2.5	100	100		B8A	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
DL145	264 098 130		15	5.9	250		5	2.3	150		2.3	B8A	DDT
DL161	654 230 000		1.4		20	20	0.5	0.5	No Data Available			B5A	P
DL167	653 420 000		1.2		20	20	0.5	1.5	No Data Available			B5A	P
DL192	264 536 200		1.4	7	60	60	7	1.5	No Data Available			B7G	P
DL193	265 436 200		1.4	7.5	100	60	9.5	2.9	150	60	2.9	B7G	P
DL620	653 420 000		1.2	6.5	60	60	3.1	0.6	80	75	0.6	B5A	P
DL650	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
DL651	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
DL907	365 004 200		1.4	5.5	150	125	15	3.1	125	125	3.1	B7G	P
DL962	264 536 200		1.4	7	60	60	7	1.5	No Data Available			B7G	P
DL963	265 436 200		1.2	7.5	150	60	10	2.2	100	60		B7G	P
DL121	246 547 330		1.4	8.7	150	125	1		100	100		A08	PP
DL125	046 547 230		1.4	9.4	150	125	17		125	125		B8G	PP
DL131	326 447 250		1.4	5	90	90	3		80	75		A08	PP
DL101	264 574 300		1.4	7	90	60	8.2	1.1	80	60	1.2	B7G	PP
DL102	264 574 300		1.4		40	40	1.3	0.5	80	60		B7G	PP
DLP51	023 004 560	C	4	17	250	250	36	2.5	100	100		88C	P
DN41	968 231 500	G1	4	3.3	250	200	32	10	100	150	9	B7	DDP
DN143	264 598 130		4	6.2	250	275	44	9.5	100	150	9	B8B	DLP
DO24	642 300 000		4	40	400		63	7.5	100		6.0	E4	T
DO25	642 300 000		6	75	300		60	3.7	100		3.7	B4	T
DO26	642 300 000		4	92	400		63	3.8	100		3.8	B4	T
DO30	642 300 000		4	100	400		60	6.9	100		6	B4	T
DO42	918 236 500		4	6	250	250	36	9.5	100	150	8	B7	DDP
DP	264 008 030		16	7.5	200		25	6	100		6	A08	DT
DP5	642 350 000		4	5	250	250	10	4	100	150	4	B5	P
DP7	023 004 560		4	20	250	250	20	2.5	100	150	2.5	88C	P
DP61	412 365 100		6	8.5	200	125	7.7	5.1	150	150	4	B7G	P
DP495/6	869 231 500	G1	4	6.5	250	250	35	9.5	100	150	8	B7	DDP
DP4480	819 236 500	G1	44	8.4	200	200	46	8	100	100	7	B7	DDP
DP/Pen	045 231 600		16	10	200	200	31	3.5	100	100	3.5	B7	P
DT	045 213 600		16	10	200	200	40	3.1	100	150	3.1	B7	P
DT	642 310 000	G2	16	10	200	200	40	3	100	150	3	B5	P
DS	542 310 000	A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DS	000 231 600	G1	13	3	200		4	2.5	150		2.5	B7	T
DSE	542 310 000	A1	16	1	150	90	3.4	2.2	150	90	3.2	B5	P
DSPen	061 231 500	G1	16	1.5	200	100	4	3.2	200	100	2.3	B7	P
DT7	642 300 000		4	16	200		14	2	100		2	B4	T
DT41	809 321 600	G1	4	1	100		3	3	100		3	B7	DDT
DT215	023 089 060	G1	2	4.5	150		2.5	1	100		1	88C	DDT
DT215	682 390 000	G1	2	4.5	150		2.5	1.5	100		1.5	B5	DDT
DT436	809 231 600	G1	4	7	250		4	3.6	100		2	B7	DDT
DT436	023 198 060	G1	4	7	250		4	2	100		2	RSC	DDT
DT1336	023 198 060	G1	13	5	200		4	2	100		2	RSC	DDT
DTV1	809 231 600	G1	13	1	100		3	3	100		3	B7	DDT
DX1	802 300 000		4				30		REC		15mA	B4	R
DX2	892 300 000		4				30		REC		15mA	B4	RR
DX3	892 300 000		4				15		REC		10mA	B4	RR
DX4	892 300 000		4				30		REC		15mA	B4	RR
DX5	892 300 000		4				30		REC		15mA	B4	RR
DX10	802 300 000		4				60		REC		25mA	B4	R
DVSG	542 310 000	A1	16	1	200	75	7.5	2.5	100	75	2.5	B5	P
DVSG/Pen	542 310 000	A1	16	1.5	200	100	6.5	1	200	100	3	B5	P
DW1	892 300 000		4				15		REC		10mA	B4	RR
DW2	892 300 000		4				30		REC		20mA	B4	RR
DW2X	892 300 000		4				30		REC		20mA	B4	RR
DW3	892 300 000		4				60		REC		20mA	B4	RR
DW4	892 300 000		4				60		REC		20mA	B4	RR
DW4/350	892 300 000		4				60		REC		20mA	B4	RR
DW4/500	892 300 000		4				60		REC		20mA	B4	RR
DW5	802 300 000		4				120		REC		30mA	B4	R
DW7X	892 300 000		4				30		REC		15mA	B4	RR
DW8	892 300 000		5				30		REC		15mA	B4	RR
DW15	892 300 000		7.5				30		REC		15mA	B4	RR
DW30	892 300 000		7.5				60		REC		20mA	B4	RR
DW802	642 300 000		4	25	250		26	4	100		4	B5	T
DW1508	642 310 000		4	7.5	150		4	1.5	100		1.5	B5	T
DW4011	642 310 000		4	5	200		5	3.6	150		3.6	B5	T
DW4023	642 310 000		4	3	150		2.5	1.7	100		1.7	B5	T
DX2	642 300 000		2	3	150		3.5	1.4	100		1.4	B4	T
DY30	*2* 0*0 3*0	D1	1.2						D			A08	D

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
D170	230 000 000	D1	1.2						D			B3G	D
DT80	23* 232 *32	D1	1.2						D			B9A	D
D186	23* 232 *32	D1	1.4						D			B9A	D
DT87	23* 232 *32	D1	2.4						D			B9A	D
DT604	642 300 000		4	15	150		8	1.3	100		1.3	B4	T
D22	542 300 000	A1	4	1	200	100	4	0.7	100	100	4	B4	F
E	642 300 000		4	9	200		1.7	0.4	100		0.4	B4	T
E	264 300 000		3	22.5	125		6.5		125			UX4	T
E1C	216 489 130		6.3	5	200		4.5	2	100		2	A08	DEBT
E1F	216 054 300		6.3	3	250	100	2	1.4	100	100		B7	P
E4	642 300 000		4	16	200		12	1.8	100			B4	T
E4D	892 300 000		4				30		REC		15mA	B4	ER
E4F	892 300 000		4				60		REC		20mA	B4	ER
E4H	802 300 000		4				125		REC		30mA	B4	R
E4K	003 200 000	D1	4				60		REC		20mA	B5	R
E4L	003 200 000	D1	4				120		REC		30mA	B5	R
E20V	023 100 080		20				60		REC		20mA	B8C	R
E55L	615 231 141		6.3		150	150	50	45	No Data Available			B9D	P
E80CC	641 337 412		6.3	5.5	250		6	2.8	100		2.5	B9A	TT
E80CF	645 237 114		6.3	2	100		14	5	100	60	6	B9A	TP
				2	200	175	10	6.2	100	100			
E80P	501 236 014		6.3	1.6	250	100	3	1.8	150	100	1.8	B9A	P
E80L	041 230 651		6.3	4.5	200	200	30	9	100	100		B9A	P
E81CC	641 227 413		6.3		250		10	5.5	100			B9A	TT
E81L	041 230 651		6.3	3	200	200	20	11	100	100	5.5	B9A	P
E82CC	641 227 413		6.3	8.5	250		10.5	2.2	100			B9A	TT
E83CC	641 227 413		6.3	2	250		1.2	1.6	100		1.6	B9A	TT
E83F	541 236 **1		6.3	2	200	125	10	9	100	125	12	B9A	P
E84L	*41 23* 6*5		6.3		250	250	48	11	No Data Available			B9A	P
E86C	641 234 146		6.3	2	200		12	14	No Data Available			B9A	T
E87L	041 230 651		6	6	250	150	36	10	100	100		B9A	P
E88C	414 234 464		6.3	1.2	150		12.5	13.5	No Data Available			B9A	T
E88CC	641 237 410		6.3	1.2	90		15	12.5	100		13	B9A	TT
E88CC/01	741 236 410		6.3	1.2	100		15	12.5	No Data Available			B9A	TT
E90CC	672 344 100		6.3	2.1	100		8.5	6	100		8.5	B7G	TT
E90P	412 365 100		6.3	1.2	250	150	7.4	4.6	100	100		B7G	P
E91H	412 365 100		6.3	5	150	75	0.5	0.6	125	75	0.6	B7G	H
E92CC	672 344 100		6.3	1.7	150		8.5	6	100		6	B7G	TT
E95P	412 365 100		6.3	2	150	125	7.5	5.5	100	100		B7G	P
E99F	412 365 100		6.3	20	250	100	9.2	3.8	100	100		B9A	P
E91AA	182 310 900		6.3						D			B7G	D
E130L	*2* 54* 310	A1	6.3	15.5	250	150	100	27	100	100		A08	P
E135	365 304 220		12.6	25	400		80		100			A08	P
E180CC	641 227 413		6.3	1.9	150		8.5	6.3	100		7.8	B9A	TT
E180F	141 23* 615		6	2	200	150	13	16.5	No Data Available			B9A	P
E181CC	641 227 413		6.3	3	150		8.5	4.7	100		5.6	B9A	TT
E182CC	741 221 436		6.3	2	150		36	15	No Data Available			B9A	TT
E184	141 230 651		6.3	2.5	200	200	10	15	No Data Available			B9A	P
E186F	141 23* 615		6.3	1.4	200	150	11.5	16	No Data Available			B9A	P
E188CC	641 327 410		6.3	1.4	90		12	11.5	No Data Available			B9A	TT
E220B	446 230 700		2	1	150		3	2.5	100		2.5	B7	TT
E235	642 300 000		2	7.5	150		13	3	100		3	B4	T
E235L	*26 54* 310		6.3	8.2	100	100	100	14	No Data Available			A08	P
E236L	*2* 54* 310	A1	6.3	8.2	100	100	100	14	No Data Available			A08	P
E280P	141 23* 615		6.3	1.8	200	150	20	26	No Data Available			B9A	P
E282F	141 23* 615		6.3		150	150	35	26	No Data Available			B9A	P
E283CC	146 231 074		6.3	2	250		1.2	1.6	100			B9A	TT
E288CC	741 236 410		6.3	1.5	100		30	18	No Data Available			B4	TT
E438H	642 310 000		4	3	200		2.5	1.5	100			B5	T
E441	642 310 000	G2	4		100	100	1.7	1	100	100		B5	P
E445H	542 310 000	A1	4	2	200	100	6	1	100	100		B5	P
E810P	141 235 615		6.3	1.9	150	150	35	50	No Data Available			B9A	P
E1861	041 230 651		6.3		200	200	19	10	No Data Available			B9A	P
E2754	602 441 443		6.3	1.5	150		25	25	No Data Available			B9A	T
E405	642 300 000		4	32	250		20	2	100		2	B4	T
E406	642 300 000		4	34	250		8	2.3	100		2.3	B4	T
E406N	642 300 000		4	34	250		8	2.3	100		2.3	B4	T
E408	642 300 000		4	30	400		26	2	100		2	B4	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
E408N	642 300 000		4	36	400		30	2.7	100		2	B4	T
E409	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
E409N	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
E410	642 300 000		4	28	400		30	6	100		6	B4	T
E414	642 310 000		4	6	150		6.5	2	100		2	B5	T
E414	642 300 000		4	15	150		8	1.3	100		1.3	B4	T
E415	642 310 000		4	8	200		6	1.4	100		1.4	B5	T
E415	264 130 000		4	8	200		6	1.4	100		1.4	UX5	T
E420	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
E422	642 300 000		4	16	250		12	5	100		5	B4	T
E424	642 310 000		4	2.5	200		6	2.4	100		2.4	B5	T
E424N	642 310 000		4	3.5	200		6	2.4	100		2.4	B5	T
E424R	612 300 000	G1	4	5	200		6	1.6	100		1.6	B4	T
E425	642 310 000		4	4.5	150		3	3	100		1	B5	T
E428	642 310 000		4	3	200		6	2.4	100		2.4	B5	T
E430	642 310 000		4	3	150		4	2	100		2	B5	T
E430N	642 310 000		4	15	200		15	3	100		3	B5	T
E435	642 310 000		4	1.5	200		3	1	100		3	B5	T
E438	642 310 000		4	3	200		2.5	1.5	100		1.5	B5	T
E438M	642 310 000		4	3	200		2.5	1.5	100		1.5	B5	P
E441	642 310 000	G2	4		100	100	1.7	1.0	100	100		B5	P
E441N	652 300 000	G1	4		100		1.7	1	100		1	B4	T
E442	542 310 000	A1	4	1.3	200	60	1.5	0.9	100	60	0.9	B5	P
E442S	542 310 000	A1	4	2	200	60	4	1	100	60	1	B5	P
E443H	642 350 000		4	40	400	200	30	1.9	100	100	1.9	B5	P
E444	258 413 000	A1	4	3	200	90	4	3	100	90	3	UX6	DP
E444N	258 413 000	A1	4	3	100	90	4	3	100	90	3	UX6	DP
E444S	642 310 000	D1	4	3.5	200		6	2	100		2	B5	DT
E445	542 310 000	A1	4	2	200	100	6	1	100	100	1	B5	P
E445H	542 310 000	A1	4	2	200	100	6	1	100	100		B5	P
E446	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P
E447	542 310 000	A1	4	2	200	125	4.5	2.3	100	100	2.3	B5	P
E448	164 552 300	G1	4	1.5	200	125	3	0.6	100	100		C7	P
E449	165 452 300	G1	4	2	200	75	3	1.8	100	75	1.8	C7	P
E451	642 350 000		4		400	250	17		100	150	2.4	B4	P
E452T	542 310 000	A1	4	2	200	100	3	2	100	100	2	B5	P
E452T	254 130 000	A1	4	2	200	100	3	2	100	100	2	B5	P
E453	045 231 600		4	15	250	250	24	2.5	100	150	2.5	UX5	P
E454	216 809 300	G1	4	3.5	200		3.5	1.6	100		1.6	B7	P
E455	542 310 000	A1	4	1.5	200	100	3	2	100	100	2	B5	P
E455	254 130 000	A1	4	1.5	200	100	3	2	100	100	2	UX5	P
E462	542 310 000	A1	4	2	200	100	3	2	100	100	2	B5	P
E463	045 231 600		4	22	250	250	36	2.7	100	150	2.7	B7	P
E499	642 310 000		4	1.6	200		0.2	4	150		4	D5	T
E501D	265 113 000	G1	3.5	2.5	250	125	6.5	3.5	100	100		UX6	P
E501R	265 113 000	G1	6.3	2.5	250	125	6.5	3.5	100	100		UX6	P
E543	045 231 600		4	15	250	250	40	3.5	100	100		UX6	P
E646	020 080 310		26		250		24	2.5	100	150	2.5	B7	P
E703	642 300 000		7.5	100	400		120	REC		30mA		A08	R
E810F	141 235 615		6.3		150	150	35	50	No Data Available			B9A	P
E851	030 908 020		5	1.9			120		REC	30mA		A08	RR
E1137	366 446 622		6	2.3	250		32	16	No Data Available			B9G	T
E1148	020 000 310	A1G1	6	5.5	250		14	3	100		3	A08	T
E1192	021 450 310	A1	6	11	250	150	30	3.5	100	100	3.5	A08	P
E1242	265 511 403		6	30	300	250	25	1.9	100	150		B9G	P
E1323	020 000 310	A1G1	6	3	100		25	6.7	100		6	A08	T
E1413	265 024 300		1.4	1	90	75	3.5	0.9	80	75	0.9	B7G	P
E1478	642 300 000		4	1	100			6.9	100		6	B5	T
E1484	208 564 300		1.4	1	90	90	2.7	0.6	80	90	0.6	B7G	DP
E1489	241 657 143		6		350	250	21	3.9	100	100	3.9	B9G	PP
E1517	412 361 500		6	2.5	200	200	8	2.5	100	100	2.5	B7G	P
E1518	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	P
E1606	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT
E1624	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
ERF1	023 189 560	G1	6	3	250	125	9	1.1	100	100	1.1	BSC	DDP
ERF2	023 189 560	G1	6	2	250	100	5	1.8	100	150	1.8	BSC	DDP
ERF2G	206 589 130	G1	6.3	2	250	100	5	1.8	100	100	1.8	A08	DDP
EBF11	892 361 450		6	2	250	100	5	1.8	100	100	1.8	P8	DDP
EBF15	982 361 450		6	2	250	100	12	5	100	100	5	P8	DDP
ERF21	268 954 130		6	3.2	250	100	7.5	2.2	100	100		B8G	DIP
ERF32	026 895 310	G1	6	2	250	100	5	1.8	100	100	1.8	A08	DDP
ERF35	216 589 130	G1	6	2	250	100	5	1.8	100	100	1.8	A08	DDP
EBP80	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP
EBP81	541 236 891		6	2	250	75	6.7	1.1	100	100		B9A	DDP
EBP83	541 236 891		6.3		12	12	0.4	1	No Data Available			B9A	DDP
EBP89	541 236 891		6.3	2	250	100	9	3.8	100	100		B9A	DDP
EBP171	892 541 360		6.3	3.2	250	80	6	1.8	100	80		B8B	DDP
EBL1	023 189 560	G1	6	6	250	250	36	9.5	100	150	9	BSC	DDP
EBL21	264 598 130		6	6	250	250	36	9	100	150	9	B8B	DDP
EBL31	026 895 310	G1	6	6	250	250	36	9.5	100	150	9	A08	DDP
EBL71	264 589 130		6	5	250	250	44	9.5	250	200	9.5	A08	DDP
EC2	023 100 060	G1	6	5.5	250		6	2.5	100		1.5	BSC	T
EC21	206 401 003		6	4	250		5	2.7	100		2.5	B9G	T
EC31	026 040 310		6	16	250		20	3.2	100		3.2	A08	T
EC40	244 644 130		6	1.5	300		15	12	100		9	B8A	T
EC41	206 040 130		6	5.5	200		20	4.5	125		4	B8A	T
EC52	241 600 003		6	2.6	250		10	6.5	100		6.5	B9G	T
EC53	123 000 000	A1G1	6	3.3	200		7.5	2.9	100		2.9	B3G	T
EC54	244 644 413		6	1.5	250		10	9	100		7	B9G	T
EC56	*21 0*0 310	A1G1	6.3	1.8	200		30	15	No Data Available			A08	T
EC57	*21 0*0 310	A1G1	6.3	1.8	200		30	15	No Data Available			A08	T
EC70	462 603 160		6	2	100		13	5.5	100		5.5	B8D	T
EC71	402 013 060		6.3		100		8.5	5.8	100		5.8	B8D	T
EC80	441 230 446		6	1.5	250		15	12	150		10	B9A	T
EC81	401 230 060		6	2	150		30	5.5	100		3	B9A	T
EC84	414 464 234		6.3	1.1	150		16	10	100		10	B9A	T
EC86	641 234 146		6.3	1.5	75		12	14	No Data Available			B9A	T
EC86C	641 234 146		6.3	1.5	200		12	14	No Data Available			B9A	T
EC88	414 234 464		6	1.2	150		12.5	14	No Data Available			B9A	T
EC90	6*2 364 100		6	8.5	250		10.5	2.2	100		3.3	B7G	T
EC91	412 314 600		6	2	250		6	8.5	200		8	B7G	T
EC92	602 304 100		6	2	250		10	5	100		5	B7G	T
EC93	642 314 600		6	4	100		16	8	100		8	B7G	T
EC94	642 314 600		6.3	2.5	100		16	6.6	100		6.6	B7G	T
EC95	142 361 700		6.3	1.2	200		10	10.5	No Data Available			B7G	T
EC96	412 314 600		6.3	1	200		11.5	6.7	100		5	B7G	T
EC97	142 236 100		6.3	1	150		11	13	No Data Available			B7G	T
EC98	412 344 600		6.3	1.3	150		13.5	13.5	No Data Available			B7G	T
EC157	*21 0*0 310	A1 G1	6.3	2	200		44	22	No Data Available			A08	T
EC158	*21 0*0 310	A1 G1	6.3	4	200		68	15	No Data Available			A08	T
EC760	462 603 160		6.3	2.4	150		13	6.5	100			B8D	T
EC806S	641 234 146		6.3		200		12	14	No Data Available			B9A	T
EC900	412 360 100		6.3	1	150		11.5	14.5	No Data Available			B7G	T
EC903	642 314 600		6.3	4	100		16	8	100		8	B7G	T
EC1000	102 *13 060	G1	6.3	2	80		14	14.5	No Data Available			B8D	T
EC1030	444 123 460		6.3		100		7	16	No Data Available			B8D	T
EC1031	444 123 460		6.3		100		7	16	No Data Available			B8D	T
EC8010	414 234 464		6.3		200		25	28	No Data Available			B9A	T
EC8020	414 234 464		6.3	2.4	200		40	60	No Data Available			B9A	T
ECC31	027 446 310		6	4.6	250		6	2.3	100		2.3	A08	TT
ECC32	461 471 230		6	4.6	250		6	2.3	100		2.3	A08	TT
ECC33	461 471 230		6	4	250		9	3.8	100		3.6	A08	TT
ECC34	461 471 230		6	16	250		10	2.2	100		2.2	A08	TT
ECC35	461 471 230		6	2.5	250		2.3	2	100		2	A08	TT
ECC40	274 164 130		6	5.2	250		6	2.7	100		2.7	B8A	TT
ECC70	742 113 460		6.3	1	100		6.5	5.4	100		5.4	B8D	TT
ECC81	741 226 413		6	2	250		10	5.5	150		5	B9A	TT
ECC82	741 226 413		6	8.5	250		10.5	2.2	100		2	B9A	TT
ECC83	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
ECC84	147 234 116		6	1.5	90		12	6	100		6	B9A	TT
ECC85	741 236 410		6	2.3	250		10	5.9	100		5	B9A	TT
ECC86	641 237 410		6.3	0.3	12		2.5	4.6	No Data Available			B9A	TT
ECC88	741 236 410		6.3	1.2	90		15	12.6	No Data Available			B9A	TT
ECC89	146 234 117		6.3	1.2	90		15	12	No Data Available			B9A	TT
ECC91	672 344 100		6	0.8	100		8.5	5.3	100		5.3	B7G	TT
ECC180	641 237 410		6.3	3	150		5	4.5	100		5.3		
ECC180	641 237 410		6.3	2	150		9	6.4	100		6.3	B9A	TT
ECC186	641 227 413		6.3	8.5	250		10.5	2.2	100		3.1	B9A	TT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
ECC189	641 327 410		6.3	1.2	90		15	12.5	No Data Available			B9A	TT
ECC230	461 471 230		6	30	100		100	6.5	No Data Available			A08	TT
ECC282	641 227 413		6.3		100		11.8	3.1	100		3.1	B9A	TT
ECC801	641 227 413		6.3		250		10	5.5	100			B9A	TT
ECC801S	641 227 413		6.3		250		10	5.5	100			B9A	TT
ECC802	641 227 413		6.3	8.5	250		10.5	2.2	100	2		B9A	TT
ECC802S	641 227 413		6.3	8.5	250		10.5	2.2	100	2		B9A	TT
ECC803	641 227 413		6	2	250		1.2	1.6	100		1.6	B9A	TT
ECC803S	641 227 413		6.3	2	250		1.2	1.6	100		1.6	B9A	TT
ECC804	641 237 410		6.3	7.7	200		10	3.4	100		3	B9A	TT
ECC807	147 231 064		6.3	1.5	250		1.3	2.4	100		2.4	B9A	TT
ECC808	416 230 714		6.3	1.9	250		1.2	1.6	100		1.6	B9A	TT
ECC815	614 227 143		6.3		250		14.5	5.2	100		5	B9A	TT
ECC865	641 237 410		6.3	14	200		8.7	6	100		6.5	B9A	TT
ECC960	672 344 100		6.3	2.1	100		8.5	6	100		6	B7G	TT
ECC962	672 344 100		6.3	1.7	150		8.5	6	100		6	B7G	TT
ECC8100	141 237 416		6.3		100		25	16	No Data Available			B9A	TT
ECF1	023 164 570	G1	6.3	{	3 150		8	2.2	150	60	2.6	8SC	TP
ECF12	642 371 450		6	{	2 250	100	5	2.5	100	100	2.5		
ECF80	645 237 114		6	{	2 100		11	3	100	60	3	F8	TP
				{	2 250	100	5	2	100	100	2		
				{	2 100		14	5	100	60	5		
				{	3 250	200	7	5.5	150	150	5	B9A	TP
ECF82	645 237 114		6	{	1 150		18	8.5	100	60	7		
				{	1 250	100	10	5.2	100	100	5	B9A	TP
ECF83	146 237 514		6.3	{	3.7 60		6.5	3.6	80	60		B9A	TP
				{	60 50	3	1.3	80	60				
ECF86	141 234 675		6	{	3 100		14	5.5	100	60	6	B9A	TP
				{	1.2 200	150	10	12	100	100			
ECF801	141 236 574		6.3	{	3 100		15	8.5	100	60		B9A	TP
ECF802	141 237 564		6.3	{	1.2 150	100	10	10	100	100			
				{	2 200		3.5	3.5	100	60	3	B9A	TP
				{	1 100	100	6	5.5	100	100	5		
ECF804	645 237 114		6.3	{	1.5 150		13.5	7.2	100	60	7	B9A	TP
				{	2 150	150	7	11	100	100			
ECF805	657 231 414		6.3	{	3 100		14	5.5	100		6	B9A	TP
				{	1.5 100	100	10	11	100	100			
ECF8070	141 237 564		6.3	{	3 100		14	5.5	100	60	6	B9A	TP
				{	1.2 200	150	10	12	No Data Available				
ECH2	023 164 570	G1	6	{	1 100		9.5	5.5	100	60	5	8SC	TH
				{	2.5 250	100	3.2		200	100	3		
ECH3	023 164 570	G1	6	{	2 100		5	2.4	100	60	2.8	8SC	TH
				{	2 250	100	4.8	2.5	200	100	2.5		
ECH3G	027 546 310	G	6	{	2 100		5	1.4	100	60	2.8	A08	TH
				{	2 250	100	4.8	2.5	100	100			
ECH4	123 614 570	G1	6	{	2 100		6.3	2.7	100	60	2.2	8SC	TH
				{	2 250	100	6.5	2.6	100	150	2.6		
ECH4G	127 546 310	G	6.3	{	2 100		6.3	2.7	100	60	2.2		
				{	2 250	200	6.5	2.6	100	150	2.6	A08	TH
ECH11	642 371 450		6	{	2 100		5	2.4	100	60	2.8	F8	TH
				{	2 250	100	4.7	2.5	200	100	2.5		
ECH21	276 454 130		6	{	2 100		6.2	2.4	100	60	3.2		
				{	2 250	90	5.3	2.2	100	90	2.2	B8B	TH
ECH33	027 546 310	G1	6	{	2 100		5	2.4	100	60	2.8	A08	TH
				{	2 200	100	3	2.8	100	100			
ECH35	027 546 310	G1	6	{	2 100		5.4	2.2	100	60	2.8	A08	TH
				{	2 250	100	5	2.4	100	100	1.2		
ECH41	276 454 130		6	{	2 100		5	2.2	100	60	2.2	B8A	TH
				{	2 250	100	3	2	100	100	2.4		
ECH42	276 454 130		6	{	2 100		5	2.2	100	60	2.8	B8A	TH
				{	2 250	100	8	2	100	100	3.2		
ECH43	276 454 130		6	{	2 100		5	2.2	100	60	2.2	B8A	TH
				{	2 250	100	8	2	100	100	2		
ECH71	276 454 431		6	{	2 250		2		100	60		B8B	TH
				{	2 250	100	3	0.7	100	100			
ECH80	541 23* 674		6.3	{	2 75		5		100	60		B9A	TH
				{	2 250	75	3		100	80			
ECH81	541 237 164		6	{	3 100		5	2.3	100	60	2.3	B9A	TH
				{	2 250	100	6.5	2.4	150	100	2.4		
ECH83	541 237 564		6	{	0.25 12		0.7	1.4	No Data Available			B9A	TH
				{	0.5 12	12	0.4	0.7					

EC92	602 304 100	6	2	250	10	5	100	5	B7G	T
EC93	642 314 600	6	4	100	16	8	100	8	B7G	T
EC94	642 314 600	6.3	2.5	100	16	6.6	100	6.6	B7G	T
EC95	142 361 700	6.3	1.2	200	10	10.5	No Data Available	B7G	T	T
EC96	412 314 600	6.3	1	200	11.5	6.7	100	5	B7G	T
EC97	142 236 100	6.3	1	150	11	13	No Data Available	B7G	T	T
EC98	412 344 600	6.3	1.3	150	13.5	13.5	No Data Available	B7G	T	T
EC157	*21 0*0 310	A1 G1	2	200	44	22	No Data Available	A08	T	T
EC158	*21 0*0 310	A1 G1	4	200	68	15	No Data Available	A08	T	T
EC760	462 603 160	6.3	2.4	150	13	6.5	100	B8D	T	T
EC806S	641 234 146	6.3		200	12	14	No Data Available	B9A	T	T
EC900	412 360 100	6.3	1	150	11.5	14.5	No Data Available	B7G	T	T
EC903	642 314 600	6.3	4	100	16	8	100	B7G	T	T
EC1000	102 *13 060	6.3	2	80	14	14.5	No Data Available	B8D	T	T
EC1030	444 123 460	6.3		100	7	16	No Data Available	B8D	T	T
EC1031	444 123 460	6.3		100	7	16	No Data Available	B8D	T	T
EC3010	414 234 464	6.3	2.4	200	25	28	No Data Available	B9A	T	T
EC8020	414 234 464	6.3		200	40	60	No Data Available	B9A	T	T
EC32	027 446 310	6	4.6	250	6	2.3	100	2.3	A08	TT
EC32	461 471 230	6	4.6	250	6	2.3	100	2.3	A08	TT
EC33	461 471 230	6	4	250	9	3.8	100	3.6	A08	TT
EC34	461 471 230	6	16	250	10	2.2	100	2.2	A08	TT
EC35	461 471 230	6	2.5	250	2.3	2	100	2	A08	TT
EC340	274 164 130	6	5.2	250	6	2.7	100	2.7	B8A	TT
EC70	742 113 460	6.3	1	100	6.5	5.4	100	5.4	B8D	TT
EC81	741 226 413	6	2	250	10	5.5	150	5	B9A	TT
EC82	741 226 413	6	8.5	250	10.5	2.2	100	2	B9A	TT
EC83	741 226 413	6	2	250	1.2	1.6	150	1.6	B9A	TT
EC84	147 234 116	6	1.5	90	12	6	100	6	B9A	TT
EC85	741 236 410	6	2.3	250	10	5.9	100	5	B9A	TT
EC86	641 237 410	6.3	0.3	12	2.5	4.6	No Data Available	B9A	TT	TT
EC89	741 236 410	6.3	1.2	90	15	12.6	No Data Available	B9A	TT	TT
EC89	146 234 117	6.3	1.2	90	15	12	No Data Available	B9A	TT	TT
EC91	672 344 100	6	0.8	100	8.5	5.3	100	5.3	B7G	TT
EC91	641 237 410	6.3	3	150	5	4.5	100	5.3	B7G	TT
EC91	641 237 410	6.3	2	150	9	6.4	100	6.3	B9A	TT
EC91	641 237 410	6.3	8.5	250	10.5	2.2	100	3.1	B9A	TT

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
EBP1	023 189 560	G1	6	3	250	125	9	1.1	100	100	1.1	BSC	IDP	
EBP2	023 189 560	G1	6	2	250	100	5	1.8	100	150	1.8	BSC	IDP	
EBP2G	206 589 130	G1	6.3	2	250	100	5	1.8	100	100	1.8	A08	IDP	
EBP11	892 361 450		6	2	250	100	5	1.8	100	100	1.8	P8	IDP	
EBP15	982 361 450		6	2	250	100	12	5	100	100	5	P8	IDP	
EBP21	268 954 130		6	3.2	250	100	7.5	2.2	100	100		B8G	IDP	
EBP22	026 895 310	G1	6	2	250	100	5	1.8	100	100	1.8	A08	IDP	
EBP25	216 589 130	G1	6	2	250	100	5	1.8	100	100	1.8	A08	IDP	
EBP80	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	IDP	
EBP81	541 236 891		6	2	250	75	6.7	1.1	100	100		B9A	IDP	
EBP83	541 236 891		6.3		12	12	0.4	1	No Data Available			B9A	IDP	
EBP89	541 236 891		6.3	2	250	100	9	3.8	100	100		B9A	IDP	
EBP77	892 541 360		6.3	3.2	250	80	6	1.8	100	80		B8B	IDP	
EBL1	023 189 560	G1	6	6	250	250	36	9.5	100	150	9	BSC	IDP	
EBL21	264 598 130		6	6	250	250	36	9	100	150	9	B8B	IDP	
EBL31	026 895 310	G1	6	6	250	250	36	9.5	100	150	9	A08	IDP	
EBL77	264 589 130		6	5	250	250	44	9.5	250	200	9.5	A08	IDP	
EC2	023 100 060	G1	6	5.5	250		6	2.5	100		1.5	BSC	T	
EC21	206 401 003		6	4	250		5	2.7	100		2.5	B9G	T	
EC31	026 040 310		6	16	250		20	3.2	100		3.2	A08	T	
EC40	244 644 130		6	1.5	300		15	12	100		9	B8A	T	
EC41	206 040 130		6	5.5	200		20	4.5	125		4	B8A	T	
EC52	241 600 003		6	2.6	250		10	6.5	100		6.5	B9G	T	
EC53	123 000 000	A1G1	6	3.3	200		7.5	2.9	100		2.9	B3G	T	
EC54	244 644 413		6	1.5	250		10	9	100		7	B9G	T	
EC56	*21 0*0 310	A1G1	6.3	1.8	200		30	15	No Data Available			A08	T	
EC57	*21 0*0 310	A1G1	6.3	1.8	200		30	15	No Data Available			A08	T	
EC70	462 603 160		6	2	100		13	5.5	100		5.5	B8D	T	
EC71	402 013 060		6.3		100		8.5	5.8	100		5.8	B8D	T	
EC80	441 230 446		6	1.5	250		15	12	150		10	B9A	T	
EC81	401 230 060		6	2	150		30	5.5	100		3	B9A	T	
EC84	414 464 234		6.3	1.1	150		16	10	100		10	B9A	T	
EC86	641 234 146		6.3	1.5	75		12	14	No Data Available			B9A	T	

ECR805	657 231 414	6.3	{ 3 1.5 3	100 100 100	14 10 14	5.5 11 5.5	100 100 100	6 6 6	{ B9A B9A B9A	TP		
ECR8070	141 237 564	6.3	{ 3 1.2 3	100 200 150	14 10 12	5.5 10 12	100 100 No Data Available	6 6 No Data Available	{ B9A B9A No Data Available	TP		
ECR2	023 164 570	G1	6	{ 1 2.5 2	100 250 100	9.5 3.2 5	100 200 100	5 3 3	{ 8SC 8SC 8SC	TH		
ECR3	023 164 570	G1	6	{ 2 2 2	100 250 100	5 4.8 2.5	100 200 100	2.4 2.5 2.8	{ 2.8 2.8 2.8	TH		
ECR36	027 546 310	G	6	{ 2 2 2	100 250 100	5 4.8 2.5	100 100 100	1.4 2.5 2.2	{ 2.8 A08 A08	TH		
ECR4	123 614 570	G1	6	{ 2 2 2	100 250 100	6.3 6.5 2.6	100 60 150	2.7 2.7 2.6	{ 2.2 8SC 8SC	TH		
ECR46	127 546 310	G	6.3	2	100	6.3	100	2.7	100	2.2	A08	TH
ECR11	642 371 450	6	{ 2 2 2	250	200	6.5	100	2.6	150	2.6	P8	TH
				100	5	2.4	100	60	2.8			
				250	100	4.7	2.5	200	100	2.5		
ECR21	276 454 130	6	{ 2 2 2	100 250 90	6.2 5.3 5	2.4 2.2 2.4	100 60 90	3.2 B8B 2.2	TH			
ECR33	027 546 310	G1	6	{ 2 2 2	100 200 100	5 3 2.8	100 60 100	2.4 2.8 2.8	{ 2.8 N08 N08	TH		
ECR35	027 546 310	G1	6	{ 2 2 2	250 100 100	5.4 2.2 2.2	100 60 100	2.4 2.2 2.8	{ A08 2.8 A08	TH		
ECR41	276 454 130	6	{ 2 2 2	100 250 100	5 3 2.2	2.2 100 2.4	100 60 100	2.2 B8A 2.4	{ 2.2 B8A 2.4	TH		
ECR42	276 454 130	6	{ 2 2 2	100 250 100	8 2 2.2	3.2 100 3.2	100 60 100	2.8 B8A 3.2	{ B8A B8A B8A	TH		
ECR43	276 454 130	6	{ 2 2 2	100 250 100	5 8 2	2.2 100 100	60 100 100	2.2 B8A 2	{ B8A B8A B8A	TH		
ECR71	276 454 431	6	{ 2 2 2	250 100 100	3 0.7 3	100 100 100	60 100 100	0.7 B8B B8B	{ B8B B8B B8B	TH		
ECR80	541 23* 674	6.3	{ 2 2 2	75 250 75	3 5 3	100 60 100	80 60 100	B9A	B9A	TH		
ECR81	541 237 164	6	{ 3 2 2	100 250 100	5 6.5 0.7	2.3 2.4 1.4	100 150 100	2.3 B9A 2.4	{ B9A B9A B9A	TH		
ECR83	541 237 564	6	{ 0.25 0.5 12	12 12 12	0.4 0.7 0.4	No Data Available	No Data Available	B9A	B9A	TH		

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			

EC8189	641 327 410	6.3	1.2	90	15	12.5	No Data Available	B9A	TT					
EC8230	461 471 230	6	30	100	100	6.5	No Data Available	A08	TT					
EC8282	641 227 413	6.3		100	11.8	3.1	100	B9A	TT			3.1	B9A	TP
EC8801	641 227 413	6.3		250	10	5.5	100	B9A	TT				B9A	TP
EC8801S	641 227 413	6.3		250	10	5.5	100	B9A	TT				B9A	TP
EC8802	641 227 413	6.3	8.5	250	10.5	2.2	100	2	B9A	TT				
EC8802S	641 227 413	6.3	8.5	250	10.5	2.2	100	2	B9A	TT				
EC8803	641 227 413	6	2	250	1.2	1.6	100	1.6	B9A	TT				
EC8803S	641 227 413	6.3	2	250	1.2	1.6	100	1.6	B9A	TT				
EC8804	641 237 410	6.3	7.7	200	10	3.4	100	3	B9A	TT				
EC8807	147 231 064	6.3	1.5	250	1.3	2.4	100	2.4	B9A	TT				
EC8808	416 230 714	6.3	1.9	250	1.2	1.6	100	1.6	B9A	TT				
EC8813	614 227 143	6.3		250	14.5	5.2	100	5	B9A	TT				
EC8863	641 237 410	6.3	14	200	8.7	6	100	6.5	B9A	TT				
EC8960	672 344 100	6.3	2.1	100	8.5	6	100	6	B7G	TT				
EC8962	672 344 100	6.3	1.7	150	8.5	6	100	6	B7G	TT				
EC88100	141 237 416	6.3		100	25	16	No Data Available	B9A	TT					
EC81	023 164 570	6.3		150	25	20	No Data Available	B9A	TT					
EC812	642 371 450	6	2	250	8	2.2	150	60	2.6	B8C	TP			
EC8780	645 237 114	6	2	250	11	3	100	100	2.5					
			2	100	5	2	100	100	2	F8	TP			
			3	250	14	5	100	60	5					
EC8782	645 237 114	6	1	150	18	8.5	100	60	7	B9A	TP			
EC8783	146 237 514	6.3	3.7	60	6.5	3.6	80	60	5					
EC8786	141 234 675	6	3	100	3	1.3	80	60	6	B9A	TP			
			1.2	200	14	5.5	100	60	6	B9A	TP			
EC87801	141 236 574	6.3	3	100	15	8.5	100	60		B9A	TP			
EC87802	141 237 564	6.3	1.2	150	10	10	100	60	3					
EC87804	645 237 114	6.3	2	150	7	11	100	60	7	B9A	TP			

EF21	216 000 300	G1	6.3	2	100	50	3		100	60	B8B	P
EF21	036 080 200	G1	6.3	12	250	250	40	9	100	100	B7	T
EF21	023 110 560	G1	6	2	250	100	3	2.3	100	100	A08	DT
EF22	023 110 560	G1	6	2	250	100	4.5	2.2	100	100	2.3	SSC P
EF25	023 110 560	G1	6.3	2	250	100	5	1.8	100	100	2.2	SSC P
EF25	023 110 560	G1	6	2.5	250	100	8	1.8	100	100	1.8	SSC P
EF25	023 110 560	G1	6	3	250	100	8	1.7	100	100	1.7	SSC P
EF26	023 110 560	G1	6	2	250	100	3	2	100	100	2	SSC P
EF26N	023 110 560	G1	6.3	2	250	100	3	2.1	100	100	2	SSC P
EF27	023 110 560	G1	6	1.5	250	100	3	2.1	100	100	2.1	SSC P
EF28	023 111 560	G1	6	2.5	250	250	8	1.8	100	150	1.8	SSC P
EF29	023 110 560	G1	6	2.5	250	100	6	2.2	100	100	2.2	SSC P
EF29N	023 110 560	G1	6.3	2.5	250	100	6	2.2	100	100	2.2	SSC P
EF31	602 301 450		6	2	250	100	6	2.2	100	100	2	P8 P
EF32	602 301 450		6	2	250	100	3	2.1	100	100	2	P8 P
EF32Spec.	602 301 450		6.3	2	250	100	3	1.7	100	100	1.5	P8 P
EF33	612 301 450		6	2	250	100	4.5	2.3	100	100	2	P8 P
EF34	612 350 140		6	4.5	200	200	12	7	100	150	6	P8 P
EF35	612 301 450		6	2	250	100	12	5.5	100	100	5	P8 P
EF37	265 104 130		6	2.5	250	100	6	2.2	100	100	2.2	B8B P
EF37	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	SSC P
EF37	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	A08 P
EF37A	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.5	A08 P
EF38	126 510 310	G1	6	2.5	250	250	8	1.8	100	150	1.8	A08 P
EF39	026 510 310		6	2.5	250	100	6	2.2	100	100	2.2	A08 P
EF40	264 145 130		6	2	250	150	3	1.8	100	150	1.8	B8A P
EF41	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A P
EF42	260 154 130		6	2	250	250	10	9.5	100	150	8	B8A P
EF43	260 154 130		6	2	250	150	15	6.4	100	150	6	B8A P
EF44	260 145 130		6.3	2	250	150	3	1.8	100	150	1.8	B8A P
EF50	256 101 403		6	1.5	250	250	10	6.5	100	150	6	B8G P
EF51	261 154 130		6	2	250	250	14	9.5	100	150	9	B8B P
EF52	261 154 130		6	2	250	250	10	10	100	150	8	B8G P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
ECR84	441 237 564		6 { 1 50 12 3.7 8 2.2	No Data Available			B9A TP							
ECR113	276 454 130		6 { 2 100 4.8	100 60			B8A TH							
ECR171	642 544 371		6 { 3 250 90 3 3 250 75 2	100 100 100 60			B8B TH							
ECR8000	541 237 464		6.3 { 1.5 100 11 4.2	100 60			B9A TH							
ECJ11	452 371 460		6 { 2.5 250 2 5 2 2 100 150 7	100 60 2			P8 TP							
ECJ180	641 237 154		6 { 2.3 100 4 1.4 3.3 100 150 3	100 60 1.4			B9A TP							
ECJ181	451 237 614		6 { 1.9 150 1.3 1.6 100 60 1.2	100 60 1.2			B9A TH							
ECJ182	414 237 516		6.3 { 5.5 250 36 8.7 100 3.7 2.4 100 16 200 200 35 6.4	100 60 2.5			B9A TP							
ECJ183	641 237 154		6.3 { 1.5 200 1.6 2.5 100 60 2.5	100 60 2.5			B9A TP							
ECJ184	641 237 145		6 { 1.7 200 3 4 5.5 100 100 5	100 60 5			B9A TP							
ECJ185	641 237 514		6 { 2.9 200 18 10.4 100 60 6.5	100 60 6.5			B9A TP							
ECJ186	415 237 146		6 { 15 200 175 41 7.5 100 100 1.6	100 60 1.6			B9A TP							
ECJ113	267 454 130		6 { 1.9 250 36 1.2 1.6 100 60 1.6	100 60 1.6			B9A TP							
ECJ1800	647 234 145		6.3 { 9.0 100 4 0.05 100 60	100 60			B9A TP							
EDJ111	266 104 430		6.3 { 5 200 250 26 6.0 100 100	100 60			B9A TP							
EDJ111	742 301 460		6 { 8 200 40 8 3.5 200 200 3.5	200 3.5			P8 TP							
EDJ111	742 311 460		6 { 8 250 9 2.3 100 100 2.3	100 60 2.3			P8 TP							
EE1	023 180 560		6.3 { 2.5 250 150 8 14	No Data Available			P8 TP							
EE50	256 501 403		6.3 { 3 250 250 10 14 250 150 10	250 150 10			B9G P							
EE80	*41 231 650		6.3 { 6.3 200 200 10 12.5 100 100 100	No Data Available			B9A P							
EEJ71	274 554 631		6.3 { 6.3 250 250 24 6.5 100 100 100	100 60 6.5			B9G P							
EEJ71	023 180 560		6 { 2.5 250 150 8 17 100 100 100	100 60 17			B8C DP							
EEJ71	023 110 560		G1 { 6 3 250 100 8 2.2 100 100 100	100 60 2.2			B8C P							
EEJ171	543 654 371		6.3 { 12 250 250 40 9 100 100 100	100 60 9			B8C TP							

EF410	26*	*54	130	6.3	2	250	100	6	2.7	100	100	B8A	P
EF730	562	603	160	6.3	1	100	100	5.3	3.2	100	100	3.5	B8D P
EF731	412	163	510	6.3	6.3	100	100	7.2	4.5	100	100	4.5	B8D P
EF732	412	163	510	6.3	1.5	100	100	7.5	5	100	100	5	B8D P
EF734	412	163	510	6.3	1.5	100	100	7.5	5	100	100	5	B8D P
EF762	412	163	510	6.3	1.5	100	100	7.5	5	100	100	5	B8D P
EF800	141	230	651	6.3	2	200	175	10	7.2	100	100		B9A P
EF802	141	23*	65*	6.3	1.8	200	175	12	8	100	100		B9A P
EF804	101	230	654	6.3	2	250	150	3	2	100	100		B9A P
EF804S	101	230	654	6.3	2	250	150	3	2	100	100		B9A P
EF805S	141	230	651	6.3	1.8	250	75	8	5.7	100	80		B9A P
EF806S	501	236	014	6.3	250	150	3.2	2		100	100		B9A P
EF811	141	235	680	6.3	1.5	200	90	11.5	12.5	No Data Available			B9A DP
EF812	141	230	651	6.3	1.8	150	150	10		100	100		B9A P
EF814	141	230	651	6.3	1.9	150	150	10		100	100		B9A P
EF860	141	230	651	6.3	250	250	10	6.8		100	100		B9A P
EF861	141	230	615	6.3	1.1	200	150	13	16.5	No Data Available			B9A P
EF866	501	236	014	6.3	2	250	150	3	2	100	100	2	B9A P
EF905	412	365	100	6.3	2	150	125	7.5	5	100	100		B7G P
EF9010	141	230	651	6.3	2	200	100	12	12.5	No Data Available			B9A P
EF8200	141	235	615	6.3	200	150	22	35		No Data Available			B9A P
EF930	265	414	573	6	2	250	200	5	8	100	150	7	B9G PP
EF931	265	414	573	6	2	250	200	5	8	100	150	7	B9G PP
EF941	023	114	560	6	2	250	100	1.3		No Data Available			88C 1P
EF970	256	145	130	6.3	2	250	200	3	12	100	100		B8C P
EF960	214	156	163	6.3	2	250	150	20	25	100	100		B9C P
B9420	802	300	000	4				120		REC			B4 R
BH1	023	145	560	6	2	250	80	3	1.8	200	75	1.8	88C P
BH2	023	115	560	6	3	250	100	4.2	1.4	100	100	1.4	88C P
BH90	412	365	100	6.3	1	100	30	1	1.1	No Data Available			B7G H
BH900	412	365	100	6.3		150	80	1	1.1	100	90		B7G H
BH900S	412	365	100	6.3	10	150	75	0.2		100	60		B7G H

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
EE53	256 101 403		6	2	250	250	10	6.5	100	150	6.5	B9C P	
EE54	265 114 113		6	1.7	250	250	10	7.7	100	150	7	B9C P	
EE55	256 101 403		6	4	250	150	10	7	100	100	6	B9C P	
EE70	412 163 510		6	2	100	100	3	2.5	100	2.5	B8D P		
EE71	412 163 510		6	2	100	100	13	5.5	100	100	4.5	B8D P	
EE72	412 163 510		6	1.4	100	100	7	5	100	5	B8D P		
EE73	412 653 160		6	2	100	100	7.5	5.5	100	100	5	B8D P	
EE74	412 653 160		6.3	1.4	100	100	7	3.1	100	100	3	B8D P	
EE80	141 230 651		6	2	200	175	10	7.2	100	100	6	B9A P	
EE81	541 236 000		6.3	2.5	250	125	6	2.2	100	100		B9A P	
EE82	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A P	
EE83	501 236 014		6.3	1.6	250	50	4	1.6	100	100	2	B9A P	
EE85	141 230 651		6	2	250	100	10	6	150	100	5	B9A P	
EE86	501 236 014		6	2	250	150	3	2.3	100	100	1.8	B9A P	
EE87	501 236 014		6.3	2	250	100	3.3	1.9	100	100		B9A P	
EE88	501 236 014		6.3	2	250	100	7	2.1	100	100		B9A P	
EE89	041 230 651		6	2	250	100	9	3.6	250	100	3.6	B9A P	
EE89P	041 230 651		6.3	20	250	100	11	4.4	100	100	5	B9A P	
EE91	412 361 500		6	2	250	250	10	7.6	100	150	5	B7G P	
EE92	412 361 500		6	1.5	200	150	4	6.4	100	150	5	B7G P	
EE93	412 365 100		6	2.5	250	200	8	2.5	100	150	2.5	B7G P	
EE94	412 365 100		6	1	250	100	11.6	4.5	150	100	4	B7G P	
EE95	412 365 100		6	1	250	150	10.6	5.2	100	150	5.2	B7G P	
EE96	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G P	
EE97	412 365 100		6	1.5	250	150	6.5	5	100	100	5	B7G P	
EE98	412 365 100		6.3	0.7	12	12	4.8	3	No Data Available			B7G P	
EE99	412 365 100		6.3	1	12	12	4.8	3	No Data Available			B7G P	
EE11	612 350 140		6.3	2	250	75	6	2.2	No Data Available			B8 P	
EE112	612 350 140		6.3	2	250	100	3	2.1	100	100		B8 P	
EE172	112 540 360		6.3	3.5	250	100	5	3	100	100		B8A P	
EE174	112 540 360		6.3	2.1	250	100	12	9	100	100		B8A P	
EE175	112 540 360		6.3	2.1	250	100	12	4.5	100	100		B8A P	
EE183	141 230 651		6	2	200	90	12	12.5	No Data Available			B9A P	
EE184	141 230 651		6.3	2.5	200	200	10	15	No Data Available			B9A P	
EE186	641 230 651		6.3	0.5	200	50			100	60		B9A P	
EE190	412 365 100		6.3	2	200	150	9.5	6.2	100	100		B7G P	

EL33A	026 540 310	6.3	6	250	250	36	9	100	100	A08 P
EL34	126 540 310	6	13.5	250	250	75	11	100	100	A08 P
EL35	026 540 310	6	15.5	250	250	72	5	100	150	A08 P
EL36	*2* 54* 310	6	8.2	100	100	77	11	100	150	A08 P
EL36	026 540 310	A1	4	250	250	72	14.5	100	150	A08 P
EL37	026 540 310	6	13.5	250	250	100	11	100	150	A08 P
EL38	120 540 310	A1	7	250	250	89	14.3	100	150	A08 P
EL38N	120 540 310	A1	7	250	250	89	14.3	100	150	A08 P
EL39	020 541 310	A1	3.2	200	125	45	6.5	100	100	A08 P
EL41	26* *54 130	6	7	250	250	36	10	100	150	B8A P
EL42	261 054 130	6	10.8	225	225	26	3.2	100	150	B8A P
EL43	260 154 130	6	3	250	250	36	10	100	150	B8A P
EL44	200 154 130	A1	22.5	250	250	20	5	100	150	B8A P
EL50	023 114 500	A1	14	250	275	72	8.5	100	150	B8C P
EL51	023 104 500	A1	6	400	300	44	7	100	150	B8C P
EL53	023 104 560	6	7.7	400	250	24	8	100	150	B8C P
EL54	023 140 560	6	12.2	300	300	55	13	No Data Available	8SC P	
EL60	216 005 413	6	14.5	250	250	67	9	100	100	B9C P
EL70	412 163 510	6	9	100	100	31	2.2	100	90	B8D P
EL71	412 163 510	6.3	8.5	100	100	30	4	100	100	B8D P
EL80	541 230 600	6.3	6.5	250	250	36	10	100	150	B9A P
EL81	*41 23* *51	A1	38.5	250	250	32	4.6	100	100	B9A P
EL81P	*41 23* *51	A1	6.3	38.5	250	250	32	4.6	100	B9A P
EL82	*41 23* 6*5	6.3	10.4	200	200	54	9	100	100	B9A P
EL83	541 23* 600	6	5.5	250	250	36	10	100	150	B9A P
EL84	*41 23* 6*5	6	7.3	250	250	48	11.3	100	150	B9A P
EL85	*41 231 615	6	10.8	250	225	26	3.2	100	150	B9A P
EL86	*41 23* 6*5	6.3	12.5	200	175	70	10	100	100	B9A P
EL86P	*41 23* 6*5	6.3	200	200	70	70	10	No Data Available	B9A P	
EL88	041 230 651	6.3	4.5	200	200	33	9.7	100	100	B9A P
EL89	041 230 651	6.3	6	250	250	38	10.5	100	100	B9A P
EL90	412 365 400	6	12.5	250	250	45	4.1	100	150	B7G P
EL91	412 360 500	6	13.8	250	250	16	2.6	100	150	B7G P
EL95	412 365 400	6.3	9	250	250	24	5	100	100	B7G P
EL131	126 54* 310	6.3	12	250	250	100	11	No Data Available	A08 P	
EL150	602 301 450	6.3	7	350	250	95	6.5	No Data Available	P8 P	
EL152	612 541 300	6.3	33	400	250	50	4	100	100	B7G P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	I _a mA	mA/V	Anode Volts	Screen Volts	mV/V			
EX1	123 164 570	G1	6	1.5 8.5	90	75	2	1.6	80	75	} 85C 0			
EX2	023 154 560	G1	6	2	250	75	2.8	1.8	100	60		2.1 85C 0		
EX2G	026 545 310		6.3	2	250	75	2.7	1.8	100	60		2.1 A08 0		
EX3	023 154 560	G1	6	2	100	60	11	3.8	100	60	3.8 85C 0			
EX32	026 545 310	G1	6	2	250	75	1.5	1.5	100	60	2.1 A08 0			
EX90	412 366 100		6	2	100		11	7	100		5 BTG H			
EL1	023 100 560	G1	6	18.5	250	250	32	2.6	100	150	2.6 85C P			
EL2	023 100 560	G1	6	18	250	250	32	2.8	100	150	2.8 85C P			
EL3	023 104 560		6	6	250	250	36	9	100	150	9 85C P			
EL3/375	023 104 560		6.3	6	250	250	36	9	100	150	8 85C P			
EL3/425	023 104 560		6.3	15.6	400	300	25	3	No Data Available					
EL3N	023 104 560		6.3	6	250	250	36	9	100	150	8 85C P			
EL3NG	023 104 560		6.3	6	250	250	36	9	100	100		85C P		
EL3NG	026 540 310		6.3	6	250	250	36	9	100	150	8 A08 P			
EL5	023 104 560		6	14	250	275	72	8.5	100	150	8.5 85C P			
EL5/375	023 140 560		6.3	14	250	275	72	8.5	No Data Available			85C P		
EL5/600	023 114 500	A1	6.3	250	275	72	72	8.5	100	150	8.5 85C P			
EL5G	026 540 310		6.3	14	250	275	72	8.5	100	150	8.5 A08 P			
EL6	023 104 560		6	4	250	250	72	14.5	100	150	10 85C P			
EL6/435	023 104 560		6.3	7.5	250	250	20	5.5	100	100		85C P		
EL6spec.	023 104 560		6.3	7	250	250	72	14.5	100	150	10 85C P			
EL8	023 104 560		6.3	7.5	250	250	20	5.5	100	150		85C P		
EL11	602 301 450		6	6	250	250	36	9	100	150	7 P8 P			
EL11N	602 301 450		6.3	6	250	250	36	9	100	150	7 P8 P			
EL12	602 301 450		6	7	250	250	72	15	No Data Available			P8 P		
EL12/325	602 301 450		6.3	7	250	250	72	18	No Data Available			P8 P		
EL12/375	602 301 450		6.3	7	400	250	72	15	No Data Available			P8 P		
EL12spec.	502 301 400	A1	6.3	19	400	350	42	10	No Data Available			P8 P		
EL13	602 310 450		6.3	7.5	250	250	20	5.5	100	150	5 P8 P			
EL20	265 104 130		6	34	300	300	12.5	3.7	100	100		B8B P		
EL22	265 004 130		6	7	250	250	44	9.5	100	150	9 B8B P			
EL30	026 541 310		6.3	4.5	250	250	18	6.5	100	100		A08 P		
EL31	120 540 310	A1	6	9	300	275	91	14	100	150	10 A08 P			
EL32	026 500 310	G1	6	18	250	250	32	2.8	100	150	2.8 A08 P			
EL33	026 540 310		6	6	250	250	36	9	100	150	9 A08 P			

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
E1654	026 510 310	G1	6	1.5	200	200	10.9	8.5	100	150	8	A08	P	
E1662	412 360 500		6	12	250	250	20	2.6	100	150	2.6	B7G	P	
E1677	002 300 000	D1	2				15		REC					
E1678	026 510 310	G1	13	3	250	100	7.6	1.5	100	100	1.5	B4	R	
E1681	026 540 310		15	13	200	175	35	2.5	100	100	2.5	B7G	P	
E1682	020 800 310		30				120		REC		30mA	A08	R	
E1706	256 051 463		6	8	250	175	80	13	100	100	10	B9G	P	
E1709	064 471 230		6	2	250		2	1.3	150		1.3	A08	TT	
E1733	009 **8 230		6				60		REC		20mA	B8B	RR	
E1736	265 004 130		6	4.4	250	250	40	10.5	100	150	10	B8B	P	
E1740	209 008 130		6				30		REC		15mA	B8B	RR	
E1751	192 310 800		6				5		D			B7G	RR	
E1780	009 **8 230		4				30		REC		15mA	B8B	RR	
E1787C	316 541 120		6	9	250	175	50	8	100	100	8	B9G	P	
E1794	265 104 130		19	3	250	75	2.5	2.8	100	60	2.8	B8B	P	
E1795	280 008 130		50				120		REC		30mA	B8B	R	
E1796	265 004 130		80	9.5	200	175	70	10	100	100	9	B8B	P	
E1809	265 104 130		6	2	250	100	8	2.8	100	100	2.8	B8B	P	
E1813	264 198 130		19	3	250		1	1.2	100		1.2	B8B	DDT	
E1816	364 526 300		1.4	7	90	75	7.4	1.5	80	60	1.5	B7G	P	
E1835	005 231 600	G1	13	4.4	250	250	40	10.5	100	150	9	B7	P	
E1838	264 198 130		6	3	250		1	1.2	100		1.2	B8B	DDT	
E1848	264 **8 130		6	2	200		10	1.4	100		1.4	B8B	DDT	
E1861	041 230 651		6.3		200	200	19	10	No Data Available			B9A	P	
E1884	002 300 000	D1	2				5		D			B4	R	
E1912	412 389 600		6	3	250		1	1.2	100		1.2	B7G	R	
E1935	241 657 143		6	26	250	200	30	3.9	100	100	3.9	B9G	PP	
E1938	802 309 100		6				30		REC		15mA	B7G	RR	
E1969	542 376 400		6	2	100		5	2.2	100	60	2.8	B7G	TH	
E1976	412 361 500		19	2.5	200	200	8	2.2	250	75				
E1984	412 36* 500		6	5.5	250	250	30	10	100	150	2.5	B7G	P	
E1985	281 008 300		40				60		REC		20mA	B7G	R	
E1987	412 36* 500		40	8	200	150	50	10	100	100	9	B7G	P	
E1994	471 461 230		13	8	250			2.6	100		2.6	A08	TT	
E2004	*2* 0*0 3*0	D1	1.2				5		D			A08	R	
E2020N	462 310 000		20	18	200		15	1.5	100		1.6	B5	T	
E2047	412 361 500		12.5	2.5	200	200	8	2.5	200	200	2.5	B7G	P	
E2122	902 308 100		6				30		REC		15mA	B7G	RR	
E2128	241 657 143		19	16.5	250	150	30	3.9	100	100	3.9	B9G	PP	
E2134	412 36* 500		6		200	200	55	9.5	100	100	7	B7G	P	
E2153	412 36* 500		13	8	200	150	50	10	100	100	9	B7G	P	
E2178	**1 23* **8		20				120		REC		40mA	B9A	R	
E2179	*41 23* **5	A1	20	12	150	150	50	8.5	100	100	7	B9A	P	
E2185	026 040 310		6	8	250		9	2.6	100		2.6	A08	T	
E2223	*** 23* **8		25				120		REC		30mA	B9A	R	
E2256	**1 23* **8		20				120		REC		40mA	B9A	R	
E2382	021 *4* 350	A1	52		150	150	100	16	No Data Available			A08	P	
E2754	6.2 441 443		6.3	1.5	150		25	25	No Data Available			B9A	T	
E2965	241 756 143		6.3	18	300	200	40	3.7	No Data Available			B9G	PP	
E7002	*** 23* ***	D	1.4						REC		20mA	B9A	R	
E7003	*** 23* ***	D1	6.3						D			B9A	D	
E7005	801 23* 9**		6.3						D			B9A	DD	
E7004	182 310 900		6.3				5		D			B7G	DD	
E7006	801 23* 9**		6.3				30		REC		15mA	B9A	RR	
E7007	*** 23* **8	C	17				120		REC		40mA	B9A	R	
E7010	**1 23* **8		55				120		REC		40mA	B9A	R	
E7011	**1 23* **8		38				180		REC		50mA	B9A	R	
E7013	602 304 100		6.3	2	250		20	5.5	100		5.5	B7G	T	
E7014	602 304 100		9.4	2	250		10	5.5	100		5	B7G	T	
E7015	641 227 413		6.3		100		11	3	100		3	B9A	TT	
E7017	641 227 413		6.3	1	100		0.5	1.2	100		1.2	B9A	TT	
E7019	146 234 117		6.3	1.5	90		12	6	100		6	B9A	TT	
E7020	641 237 410		6.3	2.3	250		10	5.9	100		5	B9A	TT	
E7022	641 237 410		7	1.2	90		15	12.5	No Data Available			B9A	TT	
E7023	146 234 117		7	1.5	100		12	6	No Data Available			B9A	TT	
E7024	641 237 410		9	2.1	200		10	5.8	100		6	B9A	TT	
E7025	641 237 410		26	2.1	200		10	5.8	100		6	B9A	TT	
E7026	141 230 651		6.3	2	150	150	10	7.4	100			B9A	P	
E7027	501 236 014		6.3	2	250	150	3	2.5	100	100		B9A	P	
E7032	126 540 310		6.3	100	250	250	100	11	100	100		A08	P	
E7033	*41 23* **5	A1	6.3	38.5	250	250	32	4.6	100	100		A08	P	
E7034	541 231 600		6.3		200	200	36	10	100	100		B9A	P	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
E7040	020 540 310	A1	25	21	150	150	100	11	No Data Available			A08	P	
E7041	*41 23* *51	A1	21.5	24	150	150	45	6.5	100	100		B9A	P	
E7043	541 231 600		15	2.3	150	150	36	10	No Data Available			B9A	P	
E7044	*41 23* 6*5		16	6	200	200	34	10	No Data Available			B9A	P	
E7051	645 237 114		6.3	{ 1 1	150 150	100 100	18 10	8.5 5.2	100 100	60 100	8	B9A	TP	
E7053	414 237 516		6.3	{ 22.5 100	250 250	250 250	3.5 28	2.2 5	100 100	60 100	2	B9A	TP	
E7055	414 237 516		16	{ 11.5 100	150 150	150 150	41 3.5	7.5 2.2	100 100	60 100	2	B9A	TP	
E7056	645 237 114		9.5	{ 1 1	150 150	100 100	18 10	8.5 5.2	100 100	60 100	8	B9A	TP	
E7059	414 237 516		50	{ 100 16	100 200	100 200	3.5 35	2.2 6.8	100 100	60 100	2.2	B9A	TP	
E7060	266 044 300		1.4	2.5	90		2.1	1	80		1	B7G	T	
E7062	265 024 300		1.4		90	90	1.6	0.8	80	90		B7G	P	
E7066	200 564 300		1.4		90	90	1.1	0.4	80	90	0.4	B7G	P	
E7074	641 234 146		6.3	1.5	150		12	14	No Data Available			B9A	T	
E7075	641 234 146		3.8	1.5	150		12	14	No Data Available			B9A	T	
E7078	041 230 651		6.3	2	250	100	9	4.4	100	100		B9A	P	
E7079	041 230 651		12.6	1	150	100	12	4.4	100	100		B9A	P	
E7081	020 540 310	A1	6.3	21	150	150	100	11	No Data Available			A08	P	
E7087	461 237 145		15	{ 1.7 2.1	200 150	150 150	3 18	4 11	100 100	60 100	4	B9A	TP	
E7088	461 237 145		6.3	{ 1.7 2.1	200 150	150 150	3 18	4 11	100 100	60 100	4	B9A	TP	
E7108	501 236 014		6.3	2	250	150	3	2	100	100		B9A	P	
E7109	156 231 471		6.3	1.1	200	150	13	16.5	No Data Available			B9A	PF	
E7110	141 230 651		6.3	3.5	250	250	10	6.8	100	100		B9A	P	
E7143	412 314 600		3.1	1	200		11.5	6.7	100		6	B7G	T	
E7144	614 237 410		6.3	1.2	90		15	12.5	No Data Available			B9A	TT	
E7145	501 236 014		6.3	2	50	50	1.8		No Data Available			B9A	P	
EA40	200 800 130		6				5		D			B8A	R	
EA50	123 000 000	D1	6						D		6	B3G	D	
EA63	541 231 600		6.3	5.5	250	250	36	10.5	No Data Available			B9A	P	
EA76	281 380 000		6				5		D			B5B	R	
EA111	023 010 000	D1	6.3				60		REC		20mA	FS	R	
EA962	200 100 300	D1	6.3						D			B7G	D	
EAA11	812 300 190		6.3				5		D			FS	RR	
EAA91	182 311 900		6.3				5		D			B7G	DD	
EAA901	182 310 900		6.3						D			B7G	DD	
EAA901S	182 310 900		6.3						D			B7G	DD	
EAB1	023 110 890		6						D			SSC	DDT	
EABC80	191 238 146		6	3	250		1	1.2	100		1.3	B9A	DDDT	
EAC91	812 314 600		6	3.2	200		7.4	2.8	100		2.8	B7G	DT	
EAF21	265 814 130		6.3	2	250	100	6	2.8	100	100		B8G	DP	
EAP41	268 154 130		6	4	250	100	5	1.8	100	100	1.8	B8A	DP	
EAP42	268 154 130		6	2	250	100	5	1.8	100	100	1.8	B8A	DP	
EB4	023 180 910		6	4	250	200	9	3.8	100	100		B9A	DP	
EB11	802 301 190		6						D			SSC	DD	
EB34	029 180 310		6				5		D			FS	DD	
EB40	208 090 130		6						D			A08	DD	
EB41	201 908 130		6				5		D			B8A	RR	
EB91	192 310 800		6						D			B7G	DD	
EB111	023 004 060		4	50	250		60	5.2	100			FS	T	
EBC1	023 198 060	G1	6	7	250		4	2	100			SSC	DDT	
EBC3	023 189 060	G1	6	5.5	250		5	2	100		2	SSC	DDT	
EBC11	892 301 460		6	8	250		5	2.2	100		2	FS	DDT	
EBC21	264 *89 130		6	5.5	250		5	2	100		2	B8B	DDT	
EBC30	023 189 060	G1	6	4.3	200		4	2	150		2	SSC	DDT	
EBC33	026 890 310	G1	6	5.5	250		5	2	100		2	A08	DDT	
EBC41	264 089 130		6	3	250		1	1.3	100		1.2	B8A	DDT	
EBC51	389 060 420		6.3	7.3	250		70	4	100		4	B9G	DDT	
EBC80	641 238 090		6.3	3	250		1	1.2	100		1.2	B9A	DDT	
EBC81	641 238 09*		6	3	250		1	1.2	100		1.2	B9A	DDT	
EBC9G	412 389 600		6	3	250		1	1.2	100		1.2	B7G	DDT	
EBC91	412 389 600		6	2	250		1.2	1.6	100		1.6	B7G	DDT	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
EX1	123 164 570	G1	6	1.5	90		2		80			8SC O	
EX2	023 154 560	G1	6	8.5	250	75	1.6		100	75			
EX2G	026 545 310		6.3	2	250	75	2.8	1.8	100	60	2.1		
EX3	023 154 560	G1	6	2	250	75	2.7	1.8	100	60	2.1	A08 O	
			6	2	100	60	11	3.8	100	60	3.8	8SC O	
EX32	026 545 310	G1	6	2	250	75	1.5	1.5	100	60	2.1	A08 O	
EX90	412 366 100		6	2	100		11		7	100		B7G H	
EL1	023 100 560	G1	6	18.5	250	250	32	2.6	100	150	2.6	8SC P	
EL2	023 100 560	G1	6	18	250	250	32	2.8	100	150	2.8	8SC P	
EL3	023 104 560		6	6	250	250	36	9	100	150	9	8SC P	
EL3/375	023 104 560		6.3	6	250	250	36	9	100	150	8	8SC P	
EL3/425	023 104 560		6.3	15.6	400	300	25	3	No Data Available			8SC P	
EL3N	023 104 560		6.3	6	250	250	36	9	100	150	8	8SC P	
EL3NG	023 104 560		6.3	6	250	250	36	9	100	150	8	8SC P	
EL3NG	026 540 310		6.3	6	250	250	36	9	100	150	8	A08 P	
EL5	023 104 560		6	14	250	275	72	8.5	100	150	8.5	8SC P	
EL5/375	023 140 560		6.3	14	250	275	72	8.5	No Data Available			8SC P	
EL5/600	023 114 500	A1	6.3	250	275	72	8.5	100	150	150	8.5	8SC P	
EL5G	026 540 310		6.3	14	250	275	72	8.5	100	150	10	A08 P	
EL6	023 104 560		6	4	250	250	72	14.5	100	150	10	8SC P	
EL6/435	023 104 560		6.3	7.5	250	250	20	5.5	100	100		8SC P	
EL6spec.	023 104 560		6.3	7	250	250	72	14.5	100	150	10	8SC P	
EL8	023 104 560		6.3	7.5	250	250	20	5.5	100	150		8SC P	
EL11	602 301 450		6	6	250	250	36	9	100	150	7	P8 P	
EL11N	602 301 450		6.3	6	250	250	36	9	100	150	7	P8 P	
EL12	602 301 450		6	7	250	250	72	15	No Data Available			P8 P	
EL12/325	602 301 450		6.3	7	250	250	72	18	No Data Available			P8 P	
EL12/375	602 301 450		6.3	7	400	250	72	15	No Data Available			P8 P	
EL12spec.	502 301 400	A1	6.3	19	400	350	42	10	No Data Available			P8 P	
EL13	602 310 450		6.3	7.5	250	250	20	5.5	100	150	5	P8 P	
EL20	265 104 130		6	34	300	300	12.5	3.7	100	100		B8B P	
EL22	265 004 130		6	7	250	250	44	9.5	100	150	9	B8B P	
EL30	026 541 310		6.3	4.5	250	250	18	6.5	100	100		A08 P	
EL31	120 540 310	A1	6	9	300	275	91	14	100	150	10	A08 P	
EL32	026 500 310	G1	6	18	250	250	32	2.8	100	150	2.8	A08 P	
EL33	026 540 310		6	6	250	250	36	9	100	150	8	A08 P	
EL33A	026 540 310		6.3	6	250	250	36	9	100	100		A08 P	
EL34	126 540 310		6	13.5	250	250	75	11	100	100	8	A08 P	
EL35	026 540 310		6	15.5	250	250	72	5	100	150	5	A08 P	
EL36	*2 54* 310	A1	6	8.2	100	100	77	11	100	150	10	A08 P	
EL36	026 540 310		6.3	4	250	250	72	14.5	100	150	10	A08 P	
EL37	026 540 310		6	13.5	250	250	100	11	100	150	10	A08 P	
EL38	120 540 310	A1	6	7	250	250	89	14.3	100	150	10	A08 P	
EL38N	120 540 310	A1	6	7	250	250	89	14.3	100	150	10	A08 P	
EL39	020 541 310	A1	6	3.2	200	125	45	6.5	100	100		A08 P	
EL41	26* 54 130		6	7	250	250	36	10	100	150	8	B8A P	
EL42	261 054 130		6	10.8	225	225	26	3.2	100	150	3.2	B8A P	
EL43	260 154 130		6	3	250	250	36	10	100	150	8	B8A P	
EL44	200 154 130	A1	6	22.5	250	250	20	5	100	150	5	B8A P	
EL50	023 114 500	A1	6	14	250	275	72	8.5	100	150	8	8SC P	
EL51	023 104 500	A1	6		400	300	44	7	100	150	7	8SC P	
EL53	023 104 560		6	7.7	400	250	24	8	100	150	7	8SC P	
EL54	023 140 560		6	12.2	300	300	55	13	No Data Available			8SC P	
EL60	216 005 413		6	14.5	250	250	67	9	100	100		B9G P	
EL70	412 163 510		6	9	100	100	31	2.2	100	90	2.2	B8D P	
EL71	412 163 510		6.3	8.5	100	100	30	4	100	100		B8D P	
EL80	541 230 600		6.3	6.5	250	250	36	10	100	150	9	B9A P	
EL81	*41 23* 651	A1	6	38.5	250	250	32	4.6	100	100	2.2	B9A P	
EL81P	*41 23* 651	A1	6.3	38.5	250	250	32	4.6	100	100	2.2	B9A P	
EL82	*41 23* 6*5		6.3	10.4	200	200	54	9	100	100		B9A P	
EL83	541 23* 600		6	5.5	250	250	36	10	100	150	9	B9A P	
EL84	*41 23* 6*5		6	7.3	250	250	48	11.3	100	150	10	B9A P	
EL85	*41 231 615		6	10.8	250	225	26	3.2	100	150	3.2	B9A P	
EL86	*41 23* 6*5		6.3	12.5	200	175	70	10	100	100		B9A P	
EL86P	*41 23* 6*5		6.3		200	200	70	10	No Data Available			B9A P	
EL88	041 230 651		6.3	4.5	200	200	33	9.7	100	100		B9A P	
EL89	041 230 651		6.3	6	250	250	38	10.5	100	100		B9A P	
EL90	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G P	
EL91	412 360 500		6	13.8	250	250	16	2.6	100	150	2.6	B7G P	
EL95	412 365 400		6.3	9	250	250	24	5	100	100		B7G P	
EL131	126 54* 310		6.3	12	250	250	100	11	No Data Available			A08 P	
EL150	602 301 450		6.3	7	350	250	95	6.5	No Data Available			P8 P	
EL152	612 541 300		6.3	33	400	250	50	4	100	100		B7G P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
EL171	102 541 360		6.3	12	250	250	40	9	No Data Available			B8A	P
EL172	102 541 360		6.3	7	250	250	72	15	No Data Available			B8A	P
EL180	141 223 651		6.3	2	250	150	25	12	100	100		B9A	P
EL183	141 226 513		6.3	2.1	200	200	40	25	No Data Available			B9A	P
EL300	521 441 350		6.3	22.5	200	150	100	10	No Data Available			B8A	P
EL360	*21 540 310	A1	6.3	7.7	100	100	100	14	No Data Available			A08	P
EL500	*41 235 51*	A1	6.3	20	150	150	70	10	No Data Available			B9A	P
EL803	541 231 600		6.3	3.5	200	200	36	10	100	100		B9A	P
EL803S	641 321 600		6.3		200	200	32	10	No Data Available			B9A	P
EL804	041 230 005	A1	6.3	12	200	175	70	10	100	100		B9A	P
EL820	*41 23* *51	A1	6	38.5	250	250	32	4.6	100	150	4	B9A	P
EL821	*41 23* 651		6	4.5	250	250	40	11	100	150	10	B9A	P
EL822	*41 23* 651		6	2.5	250	150	40	13	100	100	10	B9A	P
EL861	041 230 651		6.3		200	200	20	11	No Data Available			B9A	P
EL863	541 231 600		6.3	5.5	250	250	36	11	No Data Available			B9A	P
EL3010	231 145 210	A1	6.3		350	100	100	60	No Data Available			A08	P
EL8000	141 235 615		6.3		250	250	48	50	No Data Available			B9A	P
ELL1	423 174 560		6	20	250	250	15	1.7	100	150	1.8	8SC	FP
ELL80	546 234 175		6.3	9.0	250	250	24	6.0	100	100		B9A	FP
ELP71	023 104 560		6	7	250	250	36	9	100	150		8SC	P
ELP72	023 100 560	G1	6	17	250	250	36	2.5	100	150		8SC	P
ELP73	023 100 560	G1	6	17	250	250	36	2.5	100	150		8SC	P
EM61	452 361 100		6.3	4.5	20	20	7	4	No Data Available			B7G	P
EM80	541 236 114		6	1	250	20	0.9	0.7	No Data Available			B9A	N
ER4	002 300 000	D1	4				3		D			B4	D
EW60	280 000 103		6				120		REC	30mA		B9G	R
ET31	023 000 000	D1	6						D			B3G	D
ET70	082 813 080		6				30		REC	17mA		B8D	R
ET80	**1 23* **8		6				120		REC	40mA		B9A	R
ET81	*** 23* **8	C	6.3				120		REC	40mA		B9A	R
ET82	**1 23* **8		6.3				180		REC	50mA		B9A	R
ET83	*** 23* **8	C	6.3						D			B9A	D
ET84	**1 23* **8	D1	6				120		REC	30mA		B9A	R
ET86	23* 232 *32	D1	6						D			B9A	D
ET87	23* 232 *32	D1	6.3						D			B9A	D
ET88	*** 23* **8	C1	6.3				120		REC	40mA		B9A	R
ET89	**1 23* **8		6.3				120		REC	30mA		B9A	R
ET91	812 380 000		6				60		REC	20mA		B7G	R
ET92	002 360 100		6.3				60		REC	15mA		B7G	R
ET3000	023 100 000	D1	6.3				120		REC	20mA		8SC	R
ET3000N	023 100 000	D	6.3				120		REC	30mA		8SC	R
ETY13	230 238 090		6.3				120		REC	30mA		F8	RR
EZ1	023 180 090		6				30		REC	15mA		8SC	RR
EZ2	023 180 090		6				30		REC	15mA		8SC	RR
EZ3	023 180 090		6				60		REC	20mA		8SC	RR
EZ4	023 180 090		6				60		REC	20mA		8SC	RR
EZ11	902 300 180		6				30		REC	15mA		F8	RR
EZ12	902 300 180		6				60		REC	20mA		F8	RR
EZ22	208 009 130		6				60		REC	20mA		B8B	RR
EZ33	028 090 310		6				60		REC	20mA		A08	RR
EZ35	028 090 310		6				30		REC	45mA		A08	RR
EZ40	280 *09 130		6				30		REC	25mA		B8A	RR
EZ41	280 009 130		6				30		REC	30mA		B8A	RR
EZ80	9*1 23* 8**		6				30		REC	35mA		B9A	RR
EZ81	8*1 23* 9**		6				60		REC	25mA		B9A	RR
EZ82	8*1 23* 9**		6.3				30		REC	15mA		B9A	RR
EZ90	802 309 100		6.3				30		REC	15mA		B7G	RR
EZ91	802 309 100		6.3				30		REC	15mA		B7G	RR
EZ900	802 309 100		6.3				30		REC	15mA		B7G	RR
F2A11	602 301 450		6.3				100	18	No Data Available			F8	P
F5	642 300 000		4	40	300		40	6	100	6		B4	T
F10	642 300 000		4	15	300		30	5.5	100	5.5		B4	T
F100	642 350 000		4	16	250	250	42	2.5	100	150	2.5	B5	P
F109	264 300 000		1.5	14.5	200		6.2	11.5	100	11		UX4	T
F109A	642 300 000		1.5	14.5	200		6.2	1.2	100			B5	T
F109A	264 300 000		1.5	14.5	200		6.3	1.2	100			UX4	T
F203	264 300 000		2.5	50	300		36	2	100			UX4	T
F203	642 300 000		2.5	56	300		36	2	150	2		B4	P
F209	642 300 000		2.5	21	250		5.2	0.9	100			B4	T
F209	264 300 000		2.5	21	250		5.2	0.9	100			UX4	T
F209A	642 310 000		2.5	21	250		5	1	100	1		B5	T
F215	264 130 000		2.5	6	150		6.5	2	100	2		UX5	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
ECH84	441 237 564		6	1	50	12	3.7	8	No Data Available			B9A	TP
ECH113	276 454 130		6	2	100	90	4.8	2.2	100	60		B8A	TH
ECH171	642 544 371		6	2	250	75	3		100	60		B8B	TH
ECH8000	541 237 464		6.3	1.5	100	11	4.2	100	60	4.2		B9A	TH
ECL11	452 371 460		6	1.5	250	100	9	5	100	60		F8	TP
				2.5	250		2	100	60	2			
				6	250	250	36	9	100	150	7		
ECL80	641 237 154		6	2.3	100	4	1.4	100	60	1.4		B9A	TP
				8	200	200	17.5	3.3	100	150	3		
ECL81	451 237 614		6	1.9	150	1.3	1.6	100	60	1.2		B9A	TH
				5.5	250	250	36	8.7	100	100			
ECL82	414 237 516		6.3	1	200	35	3.7	2.4	100	60	2.5	B9A	TP
				16	200	200	6.4	100	100	6			
ECL83	641 237 154		6.3	1.5	200	1.6	2.5	100	60	2.5		B9A	TP
				9.5	200	175	30	5.5	100	100	5		
ECL84	641 237 145		6	1.7	200	3	4	100	60	4		B9A	TP
				2.9	200	200	18	10.4	100	100			
ECL85	641 237 514		6	0.8	100	5	6.5	100	60	6.5		B9A	TP
				15	200	175	41	7.5	100	100			
ECL86	415 237 146		6	1.9	250	1.2	1.6	100	60	1.6		B9A	TP
				7	250	250	36	10	100	100			
ECL113	267 454 130		6	1	150	2	1.6	100	60	1.6		B8A	TP
				3.5	250	250	25	8.5	100	150	8.5		
ECLL800	647 234 175		6.3	9.0	100	4	0.05	100	60			B9A	TPP
				9.0	250	250	26	6.0	100	100			
ED111	266 104 430		6.3	5	200	40	8	No Data Available				B8A	T
EDD11	742 301 460		6	8	200	3.5		200	3.5	F8	TT		
EDD111	742 311 460		6	8	250	9	2.3	100	2.3	F8	TT		
EE1	023 180 560		6.3	2.5	250	150	8	14	No Data Available			F8	DP
EE50	256 501 403		6.3	3	250	250	10	14	250	150	10	B9G	P
EE80	*41 231 650		6.3		200	200	10	12.5	No Data Available			B9A	P
EEL71	274 554 631		6.3	6.5	250	250	24	6.5	100	100		B9G	PF
EEL71	023 180 560	G1	6.3	2.5	250	150	8	17	No Data Available			8SC	DP
EEL71	023 110 560	G1	6	3	250	100	8	2.2	100	100		8SC	P
EEL171	542 654 371		6.3	12	250	250	40	9	100	100		B8B	PF
				2	100	50	3		100	60			
EEL171	216 000 300	G1	6.3	12	250	250	40	9	100	100		B7	T
EEL171	036 080 200		6.3	2	100	50	2		100	60		A08	DT
EF1	023 110 560	G1	6	2	250	100	3	2.3	100	100	2.3	8SC	P
EF2	023 110 560	G1	6	2	250	100	4.5	2.2	100	100	2.2	8SC	P
EF2S	023 110 560	G1	6.3	2	250	100	5	1.8	100	100		8SC	P
EF3	023 110 560	G1	6	2.5	250	100	8	1.8	100	100	1.8	8SC	P
EF5	023 110 560	G1	6	3	250	100	8	1.7	100	100	1.7	8SC	P
EF6	023 110 560	G1	6	2	250	100	3	2	100	100	2	8SC	P
EF6N	023 110 560	G1	6.3	2	250	100	3	2.1	100	100	2	8SC	P
EF7	023 110 560	G1	6	1.5	250	100	3	2.1	100	100	2.1	8SC	P
EF8	023 111 560	G1	6	2.5	250	250	8	1.8	100	150	1.8	8SC	P
EP9	023 110 560	G1	6	2.5	250	100	6	2.2	100	100	2.2	8SC	P
EP9N	023 110 560	G1	6.3	2.5	250	100	6	2.2	100	100	2.2	8SC	P
EF11	602 301 450		6	2	250	100	6	2.2	100	100	2	F8	P
EF12	602 301 450		6	2	250	100	3	2.1	100	100	2	F8	P
EF12spec.	602 301 450		6.3	2	250	100	3	1.7	100	100	1.5	F8	P
EF13	612 301 450		6	2	250	100	4.5	2.3	100	100	2	F8	P
EF14	612 350 140		6	4.5	200	200	12	7	100	150	6	F8	P
EF15	612 301 450		6	2	250	100	12	5.5	100	100	5	F8	P
EF22	265 104 130		6	2.5	250	100	6	2.2	100	100	2.2	B8B	P
EF25	023 110 560	G1	6	2	250	100	5	1.8	100	100	1.8	8SC	P
EF36	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	A08	P
EF37	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	A08	P
EF37A	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	A08	P
EF38	126 510 310	G1	6	2.5	250	250	8	1.8	100	150	1.8	A08	P
EF39	026 510 310	G1	6	2.5	250	100	6	2.2	100	100	2.2	A08	P
EF40	26* 145 130		6	2	250	150	3	1.8	100	150	1.8	B8A	P
EF41	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P
EF42	260 154 130		6	2	250	250	10	9.5	100	150	8	B8A	P
EF43	260 154 130		6	2	250	150	15	6.4	100	150	6	B8A	P
EF44	260 145 130		6.3	2	250	150	3	1.8	100	150	1.8	B8A	P
EP50	256 101 403		6	1.5	250	250	10	6.5	100	150	6	B9G	P
EF51	261 154 130		6	2	250	250	14	9.5	100	150	9	B8B	P
EF52	261 154 130		6	2	250	250	10	10	100	150	8	B8G	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
EP53	256 101 403		6	2	250	250	10	6.5	100	150	6.5	B9G	P	
EP54	265 114 113		6	1.7	250	250	10	7.7	100	150	7	B9G	P	
EP55	256 101 403		6	4	250	150	10	7	100	100	6	B9G	P	
EP70	412 163 510		6	2	100	100	3	2.5	100	100	2.5	B8D	P	
EP71	412 163 510		6	2	100	100	13	5.5	100	100	4.5	B8D	P	
EP72	412 163 510		6	1.4	100	100	7	5	100	100	5	B8D	P	
EP73	412 653 160		6	2	100	100	7.5	5.5	100	100	5	B8D	P	
EP74	412 653 160		6.3	1.4	100	100	7	3.1	100	100	3	B8D	P	
EP80	141 230 651		6	2	200	175	10	7.2	100	100	6	B9A	P	
EP81	541 236 000		6.3	2.5	250	125	6	2.2	100	100		B9A	P	
EP82	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P	
EP83	501 236 014		6.3	1.6	250	50	4	1.6	100	100	2	B9A	P	
EP85	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P	
EP86	501 236 014		6	2	250	150	3	2.3	100	100	1.8	B9A	P	
EP87	501 236 014		6.3	2	250	100	3.3	1.9	100	100		B9A	P	
EP88	501 236 014		6.3	2	250	100	7	2.1	100	100		B9A	P	
EP89	041 230 651		6	2	250	100	9	3.6	250	100	3.6	B9A	P	
EP89F	041 230 651		6.3	20	250	100	11	4.4	100	100	5	B9A	P	
EP91	412 361 500		6	2	250	250	10	7.6	100	150	5	BTG	P	
EP92	412 361 500		6	2.5	250	200	8	2.5	100	150	2.5			
EP93	412 365 100		6	1	250	100	11.6	4.5	150	100	4			
EP94	412 365 100		6	1	250	150	10.6	5.2	100	150	5.2	BTG	P	
EP95	412 365 100		6	2.3	150	150	7	4.3	100	100	4	BTG	P	
EP96	412 365 100		6	1.5	250	150	6.5	5	100	100	5	BTG	P	
EP97	412 365 100		6.3	0.7	12	12			No Data Available				BTG	P
EP98	412 365 100		6.3	1	12	12	4.8	3	No Data Available				BTG	P
EP111	612 350 140		6.3	2	250	75	6	2.2	No Data Available				P8	P
EP112	612 350 140		6.3	2	250	100	3	2.1	100	100		P8	P	
EP172	112 540 360		6.3	2	250	100	5	3	100	100		B8A	P	
EP174	112 540 360		6.3	3.5	200	200	12	9	100	100		B8A	P	
EP175	112 540 360		6.3	2.1	250	100	12	4.5	100	100		B8A	P	
EP183	141 230 651		6	2	200	90	12	12.5	No Data Available				B9A	P
EP184	141 230 651		6.3	2.5	200	200	10	15	No Data Available				B9A	P
EP186	641 230 651		6.3	0.5	200	50			100	60		B9A	P	
EP190	412 365 100		6.3	2	200	150	9.5	6.2	100	100		BTG	P	
EP410	26* *54 130		6.3	2	250	100	6	2.7	100	100		B8A	P	
EP730	562 603 160		6.3	1	100	100	5.3	3.2	100	100	3.5	B8D	P	
EP731	412 163 510		6.3		100	100	7.2	4.5	100	100	4.5	B8D	P	
EP732	412 163 510		6.3	1.5	100	100	7.5	5	100	100	5	B8D	P	
EP734	412 163 510		6.3	1.5	100	100	7.5	5	100	100	5	B8D	P	
EP762	412 163 510		6.3	1.5	100	100	7.5	5	100	100	5	B8D	P	
EP800	141 230 651		6.3	2	200	175	10	7.2	100	100		B9A	P	
EP802	141 23* 65*		6.3	1.8	200	175	12	8	100	100		B9A	P	
EP804	101 230 654		6.3	2	250	150	3	2	100	100		B9A	P	
EP804S	101 230 654		6.3	2	250	150	3	2	100	100		B9A	P	
EP805S	141 230 651		6.3	1.8	250	75	8	5.7	100	80		B9A	P	
EP806S	501 236 014		6.3		250	150	3.2	2	100	100		B9A	P	
EP811	141 235 680		6.3	1.5	200	90	11.5	12.5	No Data Available				B9A	DP
EP812	141 230 651		6.3	1.8	150	150	10		100	100		B9A	P	
EP814	141 230 651		6.3	1.9	150	150	10		100	100		B9A	P	
EP860	141 230 651		6.3		250	250	10	6.8	100	100		B9A	P	
EP861	141 230 615		6.3	1.1	200	150	13	16.5	No Data Available				B9A	P
EP866	501 236 014		6.3	2	250	150	3	2	100	100	2	B9A	P	
EP905	412 365 100		6.3	2	150	125	7.5	5	100	100		BTG	P	
EP8010	141 230 651		6.3	2	200	100	12	12.5	No Data Available				B9A	P
EP8200	141 235 615		6.3		200	150	22	35	No Data Available				B9A	P
EPF50	265 414 573		6	2	250	200	6	8	100	150	7	B9G	FP	
EPF51	265 414 573		6	2	250	200	6	8	100	150	7	B9G	FP	
EFM1	023 114 560		6	2	250	100	1.3		No Data Available				8SC	1P
EPF20	256 145 130		6.3	2	250	200	5	12	100	100		B8G	P	
EPF60	214 156 163		6.3	2	250	150	20	25	100	100		B9G	P	
EG420	802 300 000		4				120		REC				B4	R
EH1	023 145 560	G1	6	2	250	80	3	1.8	200	75	1.8	8SC	P	
EH2	023 115 560	G1	6	3	250	100	4.2	1.4	100	100	1.4	8SC	P	
EH90	412 365 100		6.3	1	100	30	1	1.1	No Data Available				BTG	H
EH900	412 365 100		6.3		150	80	1	1.1	100	90		BTG	H	
EH900S	412 365 100		6.3	10	150	75	0.2		100	60		BTG	H	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
P215	642 310 000	G1	2.5	6	150		6.5	2	100		2	B5	T
P242	265 130 000		2.5	1.3	200	100	1.5	0.9	200	100	0.9	UX5	P
P410	642 300 000		4	15	300		13.5	2.8	100			B4	T
P443	642 350 000		4	30	400	200	45	3.2	100	100	3.2	B5	P
P443N	642 350 000		4	30	400	200	45	3.2	100	100	3.2	B5	P
P460	642 310 000		4	2	250		10	5.5	200		5.5	B5	T
F704	642 300 000		7.5	84	400		55	2.1	100		2.1	B5	T
F707	642 300 000		7.5	84	400		55	2.1	100		2.1	B4	T
F707	264 300 000		7.5	84	400		55	2.1	100		2.1	UX4	T
F708	264 300 000		7.5		400		30	1.6	100		1.6	UX4	T
F7001	412 365 100		6.3		150	125	35	4.8	100	100	4	B7G	P
PC2	645 230 700	G1	2		150	50	2		80		0.4	B7	O
PC2A	645 230 700		2		150	75	0.9	0.2	125	75	0.8		
PC4	645 231 700	G1	4	4	150	50	1.2		100		0.5	B7	O
PC13	023 164 570		13	3	150	50	0.7	0.3	100	75	1		
PC13C	645 231 700	G1	13	2	200	75	2.6	0.6	200	75	2.5	B8C	O
			13	3	90	75	2	1.3	100	75	1.5		
PC141	207 640 530	G1	1.4		200	75	2.6		200	75	2.5	B7	O
FB2118	165 452 300		20	2	90	90	0.5		80	90			
FW1	893 200 000		4						REC		15mA	B4	RR
FW3	892 300 000		4				30		REC		30mA	B4	RR
FW4/500	982 300 000		4(5)				120		REC		30mA	B5	RR
FW4/800	982 300 000		4(5)				60		REC		30mA	B5	RR
FT	642 350 000		4	10	250	250	32	5	100	150	5	B5	P
PZ1	023 180 090		13				30		REC		15mA	8SC	RR
G	264 300 000		5	3	200		0.2		100		0.2	UX4	T
G/6C4	002 364 100		6.3	8.5	250		10.5	2.2	100		3	B7G	T
G/25L6	026 540 310		25	8.2	200	125	46	8	100	90	8	A08	P
G/50C5	142 345 600		50	7.5	150	100	49	7.5	100		6	B7G	P
G84	280 300 000		2.5				60		REC		20mA	UX4	R
G407	642 300 000		4	4	150		4	1.3	100		4	B4	T
G409	642 300 000		4	4	150		4	1.3	100		4	B4	T
G431	892 300 000		4				30		REC		15mA	B5	RR
G459	023 080 090		4				60		REC		20mA	8SC	RR
G460	892 300 000		4				60		REC		20mA	B4	RR
G470	892 300 000		4				30		REC		15mA	B4	RR
G504	892 300 000		4				15		REC		15mA	B4	RR
G660	023 190 080		6.3				30		REC		15mA	8SC	RR
G715	802 300 000		7.5				120		REC		30mA	B4	R
G1054	892 300 000		4				30		REC		15mA	B4	RR
G1064	892 300 000		4				30		REC		20mA	B4	RR
G1380	023 180 090		12				30		REC		15mA	8SC	RR
G1404	802 300 000		4				120		REC		30mA	B4	R
G1503	892 300 000		2.5				30		REC		15mA	B4	RR
G2004	892 300 000		4				60		REC		20mA	B4	RR
G2005	892 300 000		5				60		REC		20mA	B4	RR
G2080	023 100 080		20				60		REC		15mA	8SC	R
G2080	802 310 000		20				60		REC		20mA	B5	R
G2504	892 300 000		4				60		REC		20mA	B4	RR
G3060	123 190 080		30				60		REC		20mA	8SC	RR
G4004	892 300 000		4				120		REC		30mA	B4	R
G4100	802 300 000		4				120		REC		30mA	B4	R
G4120	892 300 000		4				60		REC		20mA	B5	RR
G4120N	892 300 000		4				60		REC		40mA	B4	R
G4150	892 300 000		4				60		REC		20mA	B4	RR
G4180	892 300 000		4				120		REC		30mA	B4	RR
G4300	892 300 000		4				120		REC		30mA	B4	RR
G/5749	412 365 100		6	2	250	100	11	4.4	100	100	4.4	B7G	P
G/5750	412 366 400		6	1	100		11	7	100		6	B7G	H
G/6042	461 471 230		25	8	250		9	2.6	100		2.6	A08	TT
G/6059	041 230 651		6	3	250	100	2	1.2	100	100	1.2	B7G	P
G/6060	741 226 413		6	2	250		10	5.5	200		5	B9A	TT
G/6061	*41 230 651		6	13	300	225	35	3.7	100	150	3.7	B9A	P
G/6062	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
G/6066	412 389 600		6	3	250		1	1.2	150		1.2	B7G	IDT
G/6100	602 364 100		6	8.5	250		10.5	2.2	100		3	B7G	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
G/6132	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P
G/6157	*11 23* ***	D1	6				120		REC			B9A	R
G/6158	744 226 413		6	4.6	250		6	2.3	100		30mA	B9A	TT
G/6180	461 471 230		6	8	250		9	2.6	100		2.3	B9A	TT
G/6443	*11 23* ***	D1	6				120		REC		2.6	A08	TT
											30mA	B9A	P
G/6516	412 360 500		6	12.5	250	250	16	2.6	100	150	2.6	B7G	P
GG1	288 009 930		4				30		REC		15mA	B8B	RR
GN24	892 300 000		4				30		REC		15mA	B4	RR
GR4	892 300 000		4				120		REC		30mA	B4	RR
OGTIC	642 310 000		4		200		48	3K	No Data Available			B5	THY
GY11	333 022 200	D1	2.5				30		REC		15mA	P8	R
GZ30	020 908 030		5				60		REC		20mA	A08	RR
GZ31	020 908 030		5				120		REC		30mA	A08	RR
GZ32	030 809 020		5(5.7)				60		REC		50mA	A08	RR
GZ33	030 809 020		5				120		REC		30mA	A08	RR
GZ34	*30 809 020		5				120		REC		30mA	A08	RR
GZ37	030 908 020		5(5.7)				120		REC		40mA	A08	RR
GZ40	28* **9 130		5				30		REC		17mA	B8A	RR
GZ41	28* **9 130		5				30		REC		26mA	B8A	RR
H2	642 300 000		2	1	150		2.5	0.8	150		0.8	B4	T
H2D	682 390 000	G1	2	1.5	150		3.5	1.3	100		1.3	B5	DDT
H4	642 300 000		4	4	150		4	1.3	125		1.3	B4	T
H4D	216 809 300	G1	4	3	200		4.5	2.7	100		2.5	B7	DDT
H4D	809 231 600	G1	4	2.5	200		5.5	2.7	150		2.7	B7	DDT
H12	642 300 000		2	1.3	100		0.6	1	100		1.2	SH4	T
H13	023 100 060	G1	13	4	200		6	2.5	100		2.5	A08	T
H20	642 310 000		20	1.6	200		0.2	1	100		1	B5	T
H30	000 231 600	G1	13	1.5	250		7.5	6	100		6	B7	T
H42	000 231 600	G1	4	2	250		1	1.5	200		1.7	B7	T
H42	216 000 300	G1	4	2	250		1	1.5	100		1.5	B7	T
H63	020 600 310	G1	6.3	2	250		1	1.6	100		1.5	A08	T
H141D	206 080 030	G1	1.4	1	90		0.1	0.2	80		0.2	M08	DT
H210	642 300 000		2	3	150		1.1	1.1	100		1.1	B4	T
H406D	542 300 000	A1	4	1.5	200	75	4	0.8	100	80		B4	P
H407spec.	642 300 000		4	9	150		3.5	0.9	100		0.9	B4	T
H410D	642 300 000	A1	4	1.5	200	75	3.5	0.8	100	75		B5	P
H412	642 300 000		4	9	150		5	1.2	125		1.2	B4	T
H607	642 300 000		6	1	100			0.4	100		0.4	B4	T
H1818D	542 310 000	A1	20	2	200	100	3	2	100	100		B5	P
H1918D	542 310 000	A1	20	2	200	60	4	1	100	60		B5	P
H2018D	542 310 000	A1	20	2	200	60	4	1	100	60		B5	P
H2518D	542 310 000	A1	20	2.5	250	100	3.5	2	100	100		B5	P
H2618D	542 310 000	A1	20	2.5	250	100	5	2	100	100		B5	P
H4080D	542 310 000	A1	4	1.5	200	75	4	2.5	100	100		B5	P
H4111D	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
H4115D	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
H4125D	542 310 000	A1	4	2	200	100	6	1	100	100		B5	P
H4128D	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
H4129D	542 310 000	A1	4	2.5	250	100	5	2	100	100		B5	P
HAA91	182 310 900		12						D			B7G	DD
HABC80	891 239 146		19	3	250		1	1.2	100		1.3	B9A	DDT
HAD	908 231 600	G1	13	2.5	200		3.3	2	150		2	B7	DDT
HBC90	412 389 600		12.5	3	250		1	1.2	100		1.2	B7G	DDT
HBC91	412 389 600		12.5	2	250		1.2	1.6	100		1.2	B7G	DDT
HCH81	541 237 464		12.6	2.5	100		4	2	100	60	2	B9A	TH
HD2	542 300 000		2	5	200	90	3	0.6	100	90	0.6		
HD2	682 390 000	G1	2	2.5	150		5	1	150		1	B4	T
							3.5	1.3	100			B5	DDT
HD14	036 080 200	Gf	1.4		90		0.1	0.2	100		0.2	A08	DT
HD21	682 390 000	G1	2	1.5	150		1.8	1.5	150		1.5	B5	DDT
HD22	682 390 000	G1	2	3	150		1.8	1.5	100		1.5	B5	DDT
HD23	682 390 000	G1	2	1	150		1	1	125		1	B5	DDT
HD23	862 390 000	G1	2	2	150		1	1.4	100		1.4	B5	DDT
HD24	682 390 000	G1	2	1.5	150		0.8	1	100		1.4	B5	DDT
HD30	524 332 600		1.2	75	150	125			No Data Available			B7G	P
HD93	23* 232 *32	D1	1.2					1.7				B9A	D
HD96	021 040 310	A1	25	22.5	250	150	55	5.5	100	100		A08	P
HP61	26* *54 130		6.3	2.6	250	100	6	2.2	100	100	2.2	B8A	P
HP62	260 154 130		6.3	2	250	250	10	9	100	150	8	B8A	P
HP85	141 230 651		12.5	2.3	200	125	11.4	6.1	100	90		B9A	P
HP93	412 365 100		12.5	1	250	100	11	4.4	100	100	4.3	B7G	P
HP94	412 365 100		12.5	1	250	250	10.6	5.2	100	100	3.9	B7G	P
HP121	26* 054 130		12.5	3	200	125	1.2	2.3	100	100	1.2	B8A	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
HK90	412 366 100		12.5	2	100		11	7	100					
HL2	642 300 000		2	1.5	150		2.2	1.5	150		5	B7G	H	
HL2	023 004 060		2	1.5	150		2.2	1.5	150		1.5	B4	T	
HL2K	642 300 000		2	1.5	150		2.2	1.5	150		1.5	B4	T	
HL2S	023 004 060		2	1.5	150		2.2	1.5	150		1.5	BSC	T	
HL3	206 040 030		2	1.5	125		0.5	1.5	125		1.5	M08	T	
HL4	642 310 000		4	4.5	250		5	3.5	150		3.5	B5	T	
HL4+	642 310 000		4	4.5	250		5	4.9	100		5	B5	T	
HL4G	000 231 600	G1	4	4.5	250		5	3.5	150		3.5	B7	T	
HL4GS	023 100 060	G1	4	4.5	250		5	3.5	150		3.5	BSC	T	
HL13	023 100 060	G1	13	3.7	200		5	3.3	150		3	BSC	T	
HL13	000 231 600	G1	13	2.7	200		6	3.5	150		4	B7	T	
HL13C	000 231 600	G1	13	3.7	200		5	3.3	150		4	B7	T	
HL13G	023 004 060	G1	13	5.5	250		6	2.5	150		2.5	BSC	T	
HL13S	023 100 060	G1	13	3	200		6	3.5	150		3.5	BSC	T	
HL21	642 300 000		2	3	150		1.7	1.5	125		1.5	B4	T	
HL21DD	682 390 000	G1	2	2	150		2	1.3	125		1.3	B5	DDT	
HL22	206 040 030		2	2	150		2	1.3	125		1.3	M08	T	
HL22DD	206 080 930	G1	2	2	150		2	1.3	125		1.3	M08	DDT	
HL23	206 040 030		2	1.5	150		1.5	1.2	100		1.2	M08	T	
HL23DD	206 080 930	G1	2	1.5	150		0.6	1.2	100		1.2	M08	DDT	
HL41	216 040 030		4	3.1	250		2.2	3.4	150		3.1	M08	T	
HL41DD	216 090 830	G1	4	3.1	250		2.2	2.6	100		2.4	M08	DDT	
HL42DD	216 090 830	G1	4	0.2	200		2.8	2.9	100		2.5	M08	DDT	
HL84	*41 23* 6*5		30	12.5	200	175	70	10	100	100		B9A	P	
HL90	412 365 400		19	12.5	250	250	45	4.1	100	150	4	B7G	P	
HL92	142 345 600		50	7.5	150	125	49	7.5	100	100	7	B7G	P	
HL94	142 345 600		30	6.7	100	100	43	9.2	100	100	9.2	B7G	P	
HL133	216 000 030	G1	13	3.3	200		6	2.9	200		2.9	M08	T	
HL133DD	216 090 830	G1	13	2.5	200		1.5	2.5	150		2.3	M08	DDT	
HL134DD	216 080 930	G1	13	5	250		7	2.5	100		2.5	M08	DDT	
HL135	023 100 060	G1	13	3	200		6	3.5	150		3.5	BSC	T	
HL210	642 300 000		2	1	100		1.1	0.7	100		1	B4	T	
HL410	642 300 000		4	6	150		1.2	0.8	150		0.8	B4	T	
HL607	642 300 000		6	1	100		1	1	100		1	B4	T	
HL1320	000 231 600	G1	13	3.3	200		6	3	150		3	B7	T	
HLA1	642 310 000		4	1	200		5	8	200		7	B5	T	
HLA2	642 310 000		4	2.5	200		6	5.5	150		5.5	B5	T	
HLB1	642 300 000		2	3	150		2	1.5	100		1.5	B5	T	
HL/DD1320	809 231 600	G1	13	3	200		4.3	1.9	100		1.9	B7	DDT	
HP20	642 310 000		20	3.3	250		6	2.5	100		2.3	B5	T	
HN309	641 237 154		12	2	250		2.8	2.2	100		60	2	B9A	TP
HP2	446 230 700		2	9	150	150	24	5.6	150	150	5.6			
HP13	061 231 500	G1	13	1	150		8.5		125			B7	TP	
HP13S	023 110 560	G1	13	1	250	100	8	3.5	250	100	3.5	B7	P	
HP210	542 300 000	A1	2	1.5	150	150	1.9	1.9	150	150	1.9	B4	P	
HP210	041 230 500	A1	2	1.5	150	150	1.9	1.9	150	150	1.9	B7	P	
HP210C	041 230 500	A1	2	1	150	150	1.9	1.9	150	150	1.9	B7	P	
HP210NC	542 300 000	A1	2	1	150	150	1.9	1.9	150	150	1.9	B4	P	
HP210NC	041 230 500	A1	2	1	150	150	1.9	1.9	150	150	1.9	B7	P	
HP211	041 230 500	A1	2	1	150	150	2.6	1.7	150	150	1.7	B7	P	
HP211C	041 230 500	A1	2	1	150	150	2.6	1.7	150	150	1.7	B7	P	
HP211C	542 300 000	A1	2	1	150	150	2.6	1.7	150	150	1.7	B4	P	
HP215	542 300 000	A1	2	1.5	150	80	1.5	1.2	150	75	1.2	B4	P	
HP215	041 230 500	A1	2	1.5	150	80	1.5	1.2	150	75	1.2	B7	P	
HP415	041 231 500	A1	4	2	250	100	8	2.7	100	100	2.7	B7	P	
HP1018	160 152 300	G1	10	3	250	100	2.3	1.3	100	150	1.3	B7	P	
HP1118	160 152 300	G1	10	3	250	100	8.2	1.6	100	100	1.6	B7	P	
HP2018	542 310 000	A1	20	2	200	100	4	3.5	100	100	3.5	B5	P	
HP2018	041 231 500	A1	20	2	200	100	4	3.5	200	100	2.5	B7	P	
HP2118	041 230 500	A1	20	2	200	100	5	3.5	100	100	3.5	B7	P	
HP2118	542 310 000	A1	20	2	200	100	5	3.5	100	100	2.5	B5	P	
HP4100	542 310 000	A1	4	2	200	100	3	3.5	100	100	3.5	B5	P	
HP4101	041 231 500	A1	4	2	200	100	3.5	3.5	100	100	3.5	B7	P	
HP4101	542 310 000	A1	4	2	200	100	3.5	3.5	100	100	3.5	B5	P	
HP4101C	542 310 000	A1	4	2	200	100	3.5	2.8	100	100	2.8	B5	P	
HP4101C	041 231 500	A1	4	2	200	100	3.5	2.8	100	100	2.8	B7	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
HP4105	542 310 000	A1	4	2	250	100	4.5	3	100	100	3	B5	P
HP4105	041 231 500	A1	4	2	250	100	4.5	3	100	100	3	B7	P
HP4106	041 231 500	A1	4	2	200	100	5	3.5	100	100	3.5	B7	P
HP4106	542 310 000	A1	4	2	200	100	5	3.5	100	100	3.5	B5	P
HP4106C	041 231 500	A1	4	2	200	100	5	3.5	100	100	3.5	B7	P
HP4106C	542 310 000	A1	4	2	200	100	5	3.5	100	100	3.5	B5	P
HP4115	041 231 500	A1	4	2	200	100	4.3	2.2	100	100	3.2	B7	P
HP4115	542 310 000	A1	4	2	200	100	4.3	3.2	100	100	3.2	B5	P
HP4115C	542 310 000	A1	4	2	250	100	4.5	3.2	100	100	3.2	B5	P
HP4115C	041 231 500	A1	4	2	250	100	4.5	3.2	100	100	3.2	B7	P
HP4115C	412 361 500	A1	6	1.5	200	150	4	6.4	100	150	5	B7G	P
HR1	2** 3** *00	A1	0.6										
HR2	642 300 000	D1	2	2	150		12	0.6	125		0.6	B7G	D
HR2	112 311 100	D1	4				5		D			B4	T
												B7G	R
HR2S	023 004 060		2	2	150		1.2	0.6	125		0.6	B8C	T
HR3	112 311 100	D1	4				15		REC		10mA	B7G	R
HR4	112 311 100	D1	4				30		REC		15mA	B7G	R
HR5	112 311 100	D1	4				30		REC		15mA	B7G	R
HR6	030 000 020	D1	4				60		REC		20mA	A08	R
HR7	020 000 030	D1	4				30		REC		15mA	A08	R
HR8	030 000 020	D1	4				30		REC		15mA	A08	R
HR9	0** 080 230	D1	4						D			A08	D
HR11	020 000 030	D1	4						D			A08	D
HR210	642 300 000		2	1.5	200		1	1.3	150		1.3	B4	T
HR406	642 300 000		4	3	200		1	1.5	150		1.5	B4	T
HR410	641 300 000		4	3	200		1	1.5	150		1.5	B4	T
HSD	809 231 600	G1	13	3	200		6	2.7	150		2.3	B7	DDT
HVR1	002 300 000	D1	2				5		REC			B4	R
HVR2	003 200 000	D1	4				3		REC		2mA	B4	R
HVR2A	003 200 000	D1	2(2,5)				3		REC		2mA	B4	R
HVU1	002 300 000	D1	4				3		D			B4	R
HT24	264 300 000		2	45	200		20		100			UX4	T
HT61	254 130 000	A1	6	14	300	250	83	6.5	No Data Available			UX5	P
HT65	030 540 210	A1	6	45	350	200	63		100	100		A08	P
HT90	002 383 100		27.5				60		REC		25mA	B7G	R
HT113	264 030 000		1.4	4.5	60		0.4	0.2	No Data Available			UX5	T
HT125	364 520 000		1.4	3	60	50	0.9	0.3	No Data Available			UX5	P
HT615	020 000 310	A1G1	6	35	300		20		100			A08	T
HT866	280 300 000		2.5				120		REC		30mA	UX4	R
HZ50	280 300 000		13				60		REC		20mA	UX4	R
IF860	141 230 651		20		200	200	8.5	6.6	100	100		B9A	P
IL861	041 230 651		20		200	200	20	11	100	100		B9A	P
IRV120/350S	023 180 090		4				60		REC		20mA	B8C	RR
IV2	893 200 000		4				30		REC		40mA	B4	RR
IV2A	892 300 000		4				30		REC		40mA	B4	RR
IV3	892 300 000		4				60		REC		50mA	B4	RR
IV4	892 300 000		4				60		REC		40mA	B4	RR
IV4/350	892 300 000		4				60		REC		40mA	B4	RR
IV4/500	893 200 000		4(5)				60		REC		20mA	B4	RR
K4	892 300 000		4				60		REC		30mA	B4	RR
K23A	682 390 000	G1	2	5.5	150		2.5	1.4	100		1.4	B5	DDT
K23B	682 390 000	G1	2	1.5	150		1.4	1.2	150				
K24	265 130 000	G1	2.5	1.5	200	75	2	0.8	100	75	1.2	B5	DDT
K27	264 130 000		2.5	4.5	90		3		80		0.8	UX5	P
K30A	642 300 000		2	3	150		1.5	0.8	150		0.8	B4	T
K30B	642 300 000		2	7.5	150		4	0.9	100		0.9	B4	T
K30C	642 300 000		2	1.5	150		2	1.4	100		1.4	B4	T
K30D	642 300 000		2	3	150		4	1.5	100		1.5	B4	T
K30E	642 300 000		2	4.5	150		2	1.5	100		1.5	B4	T
K30G	642 300 000		2	7	150		6	3.5	100		3.5	B4	T
K30K	642 300 000		2	1.5	150		2.2	1.4	100		1.5	B4	T
K33A	064 234 700		2		150		3		150			B7	TT
K33B	446 230 700		2	1.5	125		3	2.1	125		2.1	B7	TT
K40B	542 300 000	A1	2		150	75	2	1.5	100	75	1.5	B4	P
K40N	542 300 000	A1	2		150	90	2.5	1.4	100	90	1.4	B4	P
K40N	041 230 500	A1	2		150	90	2.5	1.4	100	90	1.4	B7	P
K50M	041 231 500	A1	2	5	150	125	3	1.5	100	100	1.5	B7	P
K50N	064 235 500	G1	2	1.5	150	60	2	1.4	125	60	1.4	B7	P
K70B	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
K70D	642 350 000		2	2.4	150	150	5	4	100	100	4	B5	P
K77A	465 230 574		2	10.5	150	150	2.5	4	100	100	4	B9	FP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
K77B	446 235 700		2	11.7	150	150	3.8		100	100		B7	PP	
K80A	645 230 700	G1	2	{	150	50	2		80	60	0.4	B7	O	
					150	75	1		125	75	0.8			
K80B	645 230 700	G1	2		150	150	2.1		100	60	0.1	B7	O	
K435/10	642 300 000		4	3	300		50	5	100		5	B4	T	
K450/50	642 300 000		4	50	400		120	5	100		5	B4	T	
K1658	542 310 000	A1	7	25	400	225	50	3.2	No Data Available			B5	P	
K1668	542 310 000	A1	7	25	400	225	50	3.2	No Data Available			B5	P	
K1678	542 310 000	A1	7	25	400	225	50	3.2	No Data Available			B5	P	
K1694	642 300 000		4	3.5	200		6	2.6	100		2.4	B4	T	
KBC1	023 098 060	G1	2	4.5	150		2.5	1	100		1	RSC	DDT	
KBC32	036 980 200	G1	2		100		2.4	1.2	100		1.2	A08	DDT	
KC1	023 004 060		2	1.5	150		1.2	0.6	125		0.6	RSC	T	
KC3	023 004 060		2	2.8	150		3	2.5	100		2.5	RSC	T	
KC4	023 004 060		2	1.5	150		2.2	1.4	125		1.4	RSC	T	
KC50	642 300 000		2	1	40		0.2	0.4	No Data Available			SM4	T	
KC51	642 300 000		2	2	40		1.2	0.5	No Data Available			SM4	T	
KCF30	037 546 200	G1	2	{	1.0	100		3.7	1.6	100	60	1.7	A08	TP
					2.5	150	80	1.5	0.9	100	75	0.9		
KCH1	023 064 570	G1	2		0.5	90		3	1.5	80	60	1.5	RSC	TH
KD50	652 300 000		2	5	90	60	1	0.9	100	60	1.9			
				2.8	40		1.8	0.6	No Data Available			SM4	T	
KD11	023 074 460		2		90		0.8	0.8	80		0.8	RSC	TT	
KE50	542 300 000	A1	2	2	150	50	0.8	0.6	100	60	0.6	SM4	P	
KF1	050 412 300	A1	2	1	150	150	3	1.8	125	150	1.8	C7	P	
KF2	050 412 300	A1	2	1	150	150	3	1.3	125	150	1.3	C7	P	
KF3	023 010 560	G1	2	1	90	90	1	0.5	80	90	0.5	RSC	P	
KF4	023 010 560	G1	2	1	90	90	1.2	0.7	80	90	0.7	RSC	P	
KF7	023 004 500	A1	2	1.5	90	90	1.8	0.7	80	90	0.7	RSC	P	
KF8	023 004 500	A1	2	1	90	90	1.5	0.6	80	90	0.6	RSC	P	
KF35	026 510 300	G1	2	1.5	150	60	1.4	1.1	125	60	1.1	A08	P	
KH1	023 051 560	G1	2	1.5	90	60	2.1	1.4	80	60	1.4	RSC	P	
KK2	023 064 560	G1	2	1	90	50	2		80	60		RSC	O	
KK2G	026 546 300	G1	2	1	90	50	2		80	60		A08	O	
KK32	037 546 200	G1	2	{	150	50	2.1		150	60	2.1	A08	O	
					150	50	0.7		150	60	0.7			
KL1	642 350 000		2	4.5	90	90	8	1.7	80	75	1.7	B5	P	
KL1	032 004 560		2	4.5	90	90	8	1.7	80	75	1.7	RSC	P	
KL2	023 004 560		2	7.5	90	90	11	1.8	80	75	1.8	RSC	P	
KL4	023 004 560		2	2.5	100	100	5	2	80	75	2.8	RSC	P	
KL4G	036 540 200		2	2.5	90	90	4.7	1.8	80	75	2.8	A08	P	
KL5	032 004 560		2	4	90	90	4.8	1.4	80	75	1.4	RSC	P	
KL35	036 540 200		2	4.5	150	150	5.6	2.2	100	100	2.2	A08	P	
KL13	423 564 570		2	12	150	150	8		100	100		RSC	PP	
KL13J2	026 447 350		2	11.3	150	150	3.8	2.6	100	100	2.6	A08	PP	
KR5	264 530 000		6	9	150	150	14	1.9	100	100	1.9	UX5	P	
KR20	264 413 000		2.5		250		3.5	1.4	250		1.4	UX6	T	
KR22	264 413 000		6		250		3.5	1.4	250		1.4	UX6	T	
KR25	264 413 000		2.5	16.5	250	250	34	2.2	100	150	2.2	UX6	P	
KR28	289 130 000		6				30		RSC		15mA	UX5	RR	
KR31	281 300 000		10				120		RSC		30mA	UX4	R	
KT2	642 350 000		2	4.5	150	150	7.5	2.5	100	100	2.5	B5	P	
KT8	542 310 000	A1	6	16	250	250	72	6	100	100	6	B5	P	
KT8C	542 310 000	A1	6	16	250	250	72	6	100	150	6	B5	P	
KT16	026 540 230		1.4	4.5	90	90	8.8	1.9	No Data Available			A08	P	
KT21	642 350 000		2	2.5	150	125	5.3	5.3	100	100	5.3	B5	P	
KT24	642 350 000		2	3.5	150	125	5	3.2	100	100	3.2	B5	P	
KT30	045 231 600		13	12	250	250	40	3.9	100	150	3.9	B7	P	
KT31	305 221 600	G1	13	4	200	175	40	10	100	150	9	B7	P	
KT32	026 540 310		26	7.6	150	150	75	9	100	100	8	A08	P	
KT33	326 540 210		13	13.2	200	200	60	10	100	100	9	A08	P	
KT33C	326 540 210		13	7	200	175	92	10	100	100	9	A08	P	
KT35	326 540 210		13	11.5	200	200	50	10	100	100	9	A08	P	
KT36	020 540 310	A1	26	10	150	150	60	11	100	100	10	A08	P	
KT41	045 231 600		4(5)	4.4	250	250	40	10.5	100	150	9	B7	P	
KT42	045 231 600		4	16.5	250	250	34	2.5	100	150	2.5	B7	P	
KT44	041 231 500	A1	4(5)	25	250	250	85	6.3	100	150	6.2	B7	P	
KT45	041 231 500	A1	4	25	250	250	85	6.3	100	150	6.3	B7	P	
KT55	*26 540 310		52	15	150	150	88	16	No Data Available			A08	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
KT61	026 540 310		6	4.4	250	250	40	10.5	100	150	9	A08	P
KT63	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
KT66	026 540 310		6	15	250	250	65	6.3	100	150	6	A08	P
KT67	256 001 403		6	9	250	175	80	13	100	100	10	B9G	P
KT71	026 540 310		48	9.8	200	175	70	10	100	100	9	A08	P
KT72	026 540 310		16	12.5	200	175	30	2.5	100	100	2.5	A08	P
KT73	026 540 310		6	4.5	200	175	35	2.5	100	100	2.5	A08	P
KT74	026 540 310		16	12.5	200	175	30	2.5	100	100	2.5	A08	P
KT76	026 540 310		15	13	200	175	35	2.5	100	100	2.5	A08	P
KT77	026 540 310		6.3		250	250	100	11.5	100	100		A08	P
KT81	265 004 130		6	4.4	250	250	40	10.5	100	150	9	B8B	P
KT88	026 540 310		6	20	250	250	57	8	No Data Available			A08	P
KT101	265 004 130		80	9.5	200	175	70	10	100	100	9	B8B	P
KT61	026 510 310	G1	6	4	250	100	10	2.9	100	90	2.9	A08	P
KT62	026 500 310	G1	6	3	250	100	8	2.8	100	100	2.8	A08	P
KT63	026 510 310	G1	6	3	250	100	7.6	1.5	100	90	1.5	A08	P
KT67	026 510 310	G1	6	3	250	100	6.5	1.7	100	90	1.7	A08	P
KT67M	026 500 310	G1	6	3	250	100	6.5	1.7	100	100	A08	P	
KT67A	026 510 310	G1	13	3	250	100	7.6	1.5	100	90	1.7	A08	P
KT67M	026 500 310	G1	13	3	250	100	7.6	1.5	100	100		A08	P
KTZ41	061 231 500	G1	4	1.5	250	250	18	12	200	200	10	B7	P
KTZ63	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P
KTZ73	026 500 310	G1	6	3	250	100	2	1.5	100	90	1.5	A08	P
KTZ73M	026 500 310	G1	6	3	250	100	2	1.5	100	100		A08	P
KZ	802 310 000		20				60		REC		20mA	B5	R
L2	642 300 000		2	4.5	150		9	1.6	150		1.6	B4	T
L2/B	642 300 000		2	3.8	150		4	1.5	125		1.5	B4	T
L2D	642 310 000		2	4.5	150		2	1.5	100		1.5	B5	T
L2/DD	682 390 000	G1	2	3.8	150		4	1.6	100		1.6	B5	DDT
L4	642 300 000		4	16	250		20	3.2	100		3.2	B4	T
L11	642 300 000		1	12	100		2.8	0.6	100		0.6	B4	T
L12	642 300 000		2	3	40		2.2	0.8	No Data Available			SM4	T
L21	642 300 000		2	6	150		3.2	1.8	100		1.8	B4	T
L21DD	682 390 000	G1	2	3	150		5.2	1.8	100		1.8	B5	DDT
L22DD	206 080 930	G1	2	4.2	150		4	1.6	100		1.6	A08	DDT
L30	042 231 600		13	8	200		25	4.2	100		4.2	B7	T
L42MD	642 350 000		4	20	250	250	22	2.5	100	100		B5	P
L63	026 040 310		6	8	250		9	2.6	100		2.6	A08	T
L77	692 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
L210	642 300 000		2		150			0.9	100		0.9	B4	T
L408	642 300 000		4	3	150		5	1.5	125		1.5	B4	T
L410	642 300 000		4	4	150		4.3	1.5	100			B4	T
L412	642 300 000		4	1.5	200		3	1.2	100		1.2	B4	T
L413	642 300 000		4	16	200		12	1.8	100		1.6	B4	T
L414	642 300 000		4	8	150		12	2.8	100		2.8	B4	T
L415	642 300 000		4	10	200		8	2	100		2	B4	T
L416D	643 200 000	G2	4	13	250	80	12	1.4	100	75		B4	P
L427D	642 350 000		4	42	300	200	20	1.5	100	100		B5	P
L486D	642 350 000		4	15	250	250	35	2.7	100	150	2.7	B5	P
L495	842 350 000		4	30			5					B5	D
L497D	642 350 000		4	30	400	200	45	3.2	No Data Available			B5	P
L510D	642 350 000		5	17	200	150	12	1.3	100	100		B5	P
L2318	642 350 000		20	18	200	200	20	1.7	100	100		B5	P
L4150D	642 310 000	G1	4	15	250	250	24	2.5	100	100		B5	P
L4910	642 350 000		4	40	400	200	30	1.8	No Data Available			B5	P
LA	364 520 000		6	12	200	175	22	2.2	100	100	2.2	UX5	P
LD210	642 300 000		2	4.5	150		3	1.3	125		1.3	B4	T
LD410	642 300 000		4	6	200		4	1.8	100		1.8	B4	T
LG5	218 090 130		6				120		REC		30mA	A08	RR
LG6	218 090 130		12				30		REC		15mA	B8B	RR
LG14	123 000 000	D1	6				5		D			B3G	R
LK430	642 300 000		4	32	250		20	1.9	100			B4	T
LK460	642 300 000		4	40	250		30	2.2	No Data Available			B4	T
LK4110	642 300 000		4	36	400		30	2.7	No Data Available			B4	T
LK4112	642 300 000		4	21.6	250		48	3.5	No Data Available			B4	T
LK4200	642 300 000		4	36	400		45	4	No Data Available			B4	T
LL2	642 300 000		2	2.5	150		3	2.5	125		2.6	B4	T
LL2S	023 004 060		2	2.5	150		3	2.6	125		2.6	RSC	T
LL4	642 310 000		4	10	350		18	3.5	125		3.5	B5	T
LL610	642 350 000		5	17	200	150	12	1.3	No Data Available			B5	P
LN119	414 237 516		50	0	100		3.5	2.5	100	60	2.5		
				16	200	200	35	6.4	100	100		B9A	TP
LN152	641 237 154		6	2.3	100		4.0	1.4	100	60	1.4		
				6.7	200	175	15.0	3.2	100	100	13.0	B9A	TP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
LN309	641 237 154		12.5	{ 8.5 8.0	250 200		10.5	2.2	100	60	2.0	B9A	TP	
LN319	641 237 154		13	{ 9 2	200 100	175	30 32	4.5 6.5	100 100	100 60	4.0 3.4			
LN329	645 237 114		9	{ 2 2	100 200	175	14	5	100	60	6	B9A	TP	
LP2	642 300 000		2	4.5	150		10	3.6	100	100				
LP4	642 300 000		4	36	250		48	5.5	100		3.6 5.5	B4	T	
LP25	642 300 000		4	31	400		50	7.5	100		6.9	B4	T	
LP220	642 300 000		2	4.5	150		5	3.5	100		3.5	B4	P	
LS5	642 300 000		4.7	47	400		25		No Data Available			B4	T	
LS5A	642 300 000		5.2		400		33	0.9	No Data Available			B4	T	
LS6A	642 300 000		6	91	400		64	2.3	No Data Available			B5	T	
LS7	642 300 000		4	4	150		21	2.4	100		2.4	B5	T	
LS8	642 300 000		4	8	150			1.3	100			B4	T	
LS8A	642 300 000		4	8	150		26	3	No Data Available			B4	T	
LS9B	642 300 000		2	1.5	150		8	0.6	100		0.6	B4	T	
LS826	246 310 000		6.3	1.1	100		7.5	5	100		5	B5B	T	
LU4A	642 300 000		4	16	200		12	1.8	100		1.6	B4	T	
LZ319	645 237 114		9	{ 2 2	100 200	175	14 10	5 6.2	100 100	60 100	5 5	B9A	TP	
LZ329	645 237 114		9	{ 2.0 2.0	100 200	175	14 10	5 6	100 100	60 100	5.0 5.0			
MD465	645 231 700	G1	4	{ 1.5 1.5	250 200	75	21.6 30		100 100	75 100		B7	O	
M3057	041 230 651		6.3	4.5	200	200	30	9	100	100				
M8079	192 310 800		6				5		D			B9A	P	
M8080	602 364 100		6	8.5	250		10.5	2.2	100		3	B7G	RR	
M8081	672 344 100		6	0.8	100		8.5	5.3	100		5.3	B7G	TT	
M8082	412 360 500		6	12.4	250	250	16	2.6	No Data Available			B7G	P	
M8083	412 361 500		6	{ 2 1.5	250 200	250	10 4	7.65 6.4	100 100	150 150	5.0 5.0	B7G	P	
M8091	**1 23* ***	D1	6.3	1.5	200	150	120		REC	150	30mA			
M8096	601 235 144		6	7.5	250	250	45	7	100	150	7	B7A	P	
M8097	812 314 600		6	2.8	200		7.5	2.8	100		2.8	B7G	DT	
M8099	412 314 600		6	2	250		6	8.5	200		8	B7G	T	
M8100	412 365 100		6	2.3	150	150	7	4.3	No Data Available			B7G	P	
M8101	412 365 100		6	1	250	100	11	4.4	250	100	4.4	B7G	P	
M8121	412 163 510		6	1.4	100	100	7	5	100	100	5	B8D	P	
M8122	412 653 160		6	2	100	100	7.5	5	100	100	5	B8D	P	
M8123	281 380 000		6				5		D			B8D	R	
M8125	412 163 510		6	2	100	100	3	2.5	100	100	2.3	B8D	P	
M8135	412 3** 651		6	4.5	250	250	40	11	100	150	10	B9A	P	
M8136	741 226 413		6.3	8.5	250		8.5	2.2	100		2	B9A	TT	
M8137	741 226 413		6	2	250		1.2	1.6	100		1.6	B9A	TT	
M8138	802 309 100		6				30		REC		15mA	B7G	RR	
M8156	462 603 160		6	2	100		13	5.5	100		5.5	B8D	T	
M8157	265 511 413		6	30	300	250	25	1.9	100	100	1.9	B9G	P	
M8161	412 361 500		6	2.5	250	200	8	2.5	100	150	2.5	B7G	P	
M8162	741 226 413		6	1.5	200		8.5	6.5	200		8.5	B9A	TT	
M8178	402 013 060		6.3		100		8.5	5.8	100		5.8	B8D	T	
M8195	501 236 014		6.3	1	250	100	3	1.8	100	100	1.8	B9A	P	
M8196	412 265 100		6.3	2	150	125	5.5	3.5	100	100	3	B7G	P	
M8212	182 310 900		6.3				5		D			B7G	RR	
M8245	412 365 400		6.3	12.5	250	250	45	4.1	100	150	4	B7G	P	
M8248	412 344 600		6.3	1.35	150		13.5	13.5	No Data Available			B7G	T	
MAZ41	*8* **9 23*		4				30		REC		15mA	A08	RR	
MC1	423 060 000		1.9	1.5	100		4	0.8	100		0.8	B5	P	
ME2	642 350 000		2	12	200	200	13		100	100		B5	P	
ME25	642 350 000		4	30	400	300	60		100	100		B5	P	
ME1400	026 510 310		6.3	2	250	100	1	1.8	100	100	1.8	A08	P	
MH4	642 310 000		4	2	200		8	3	100		3.6	B5	T	
MH40	642 310 000		4	3	200		2.7	2.4	100		2.4	B5	T	
MH41	642 310 000		4	1.5	200		5.2	6	200		6	B5	T	
MH206	645 230 600	G1	2	3	150	75	3.2		100	75		B7	H	
MH1118	645 231 600	G1	10	3	200	100	3.5		100	90	0.6	B7	H	
MH105	645 231 600	G1	4	3	200	100	7.5		100	100		B7	H	
MHID4	908 231 600	G1	4	4	200		2	1.9	100		1.9	B7	DDT	
MHIL4	642 310 000		4	8	250		8	2.5	100		2.5	B5	T	

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
MHLD6	026 890 310	G1	6	5	200		11.5	3	100		3	A08	DDT
MKT4	045 231 600	G2	4	11	250	200	32	3	100	100	3	B7	P
MKT4	642 310 000		4	11	250	200	32	3	100	100	3	B5	P
ML4	642 310 000		4	16	250		14	3.2	100		3.2	B5	T
ML6	642 310 000		6	8	200		24	3.8	100		3.8	B5	T
ML40	642 310 000	A1	4	3	200			3	100		3	B5	T
MM4V	542 310 000		4	1.5	200	125	6	2.5	100	100	2.5	B5	P
MM20	542 310 000		20		200	100	6	3.5	100	100	3.5	B5	P
MO495	123 174 560	G1	4	1.5	90			80				8SC	O
MP2	642 300 000		2	8.5	250	75	1.6		100	75			
				12	150		12.5	3			3	B4	T
MP4	067 231 500	G1	4		250	150	8	2.5	100	100	2.5	B7	PF
MP/Pen	045 231 600	G2	4	16	250	250	3	3.5	100	100	3.5	B7	P
MP/Pen	642 310 000		4	16	250	250	30	3.5	100	100	3.5	B5	P
MPT4	045 231 600		4	9	250	200	32	3	100	100	3	B7	P
MPT4	642 310 000		4	9	250	200	32	3	100	100	3	B5	P
MR1	802 300 000	A1	4				120		REC		30mA	B4	R
MR4	642 300 000		4				6	2.5	150		2.5	B4	T
MS4	542 310 000		4	1.5	250	75	2.4	1.1	250	75	1.1	B5	P
MS4B	542 310 000		4	1	200	75	3.4	3	100	75	3	B5	P
MS4C	542 310 000	A1	4	1	200	75	3.4	3.2	200	75	3.2	B5	P
MSG/LA	542 310 000	A1	4	1.5	200	80	2.1	2	100	75	2	B5	P
MSG/LA	542 310 000	A1	4	1.5	200	75	5.2	3.7	100	75	3.7	B5	P
MSP4	041 231 500	A1	4	1.8	200	100	3.4	2.4	100	75	3.5	B7	P
MSP4	542 310 000	A1	4	1.8	200	100	3.4	2.4	100	75	3.5	B5	P
MSP41	542 310 000	A1	4	4	250	250	8.5	3.2	100	150	3.2	B5	P
MSP41	041 231 500	A1	4	4	250	250	8.5	3.2	100	150	3.2	B7	P
MS/Pen	041 231 500	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B7	P
MS/Pen	542 310 000	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B5	P
MS/PenA	542 310 000	A1	4	2.5	200	150	9	4	100	150	4	B5	P
MS/PenA	041 231 500	A1	4	2.5	200	150	9	4	100	150	4	B7	P
MS/PenB	061 231 500	G1	4	1.5	200	100	4.8	2.8	100	100	2.8	B7	P
MS/PenT	041 231 500	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B7	P
MS/PenT	542 310 000	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B5	P
MU1	002 300 000	D1	4				60		REC		20mA	B4	R
MU2	002 300 000	D1	2				5		D			B4	R
MU12	892 300 000	D1	4				60		REC		25mA	B4	RR
MU12/14	892 300 000		4(5)				60		REC		40mA	B4	RR
MU14	892 300 000		4				60		REC		40mA	B4	RR
MU4250	232 300 000		4				120		REC		30mA	B4	R
MY30	542 310 000	A1	4	1.5	200	75	7.5	2.5	100	75	2.5	B5	P
MYSPen	542 310 000	A1	4	2	250	125	5.1	2.3	200	100	2.3	B5	P
MYSPen	041 231 500	A1	4	1.5	200	100	4.3	2.2	100	100	2.2	B7	P
MYSPenB	061 231 500	G1	4	1.5	200	100	4.3	2.2	200	100	2.2	B7	P
MX40	645 231 700	G1	4	1	150	75		0.15	150	75	0.6	B7	TH
MYZ05-20	642 300 000		6	3	250	75	4.5	2.0	250	75	1.4		
				12	350		45	4.2	100		4		
N14	036 540 200	G1	1.4	7.5	90	90	7	1.5	80	75	1.5	A08	P
N15	026 540 230		1.4	7	90	90	7	1.5	80	75	1.5	A08	P
N16	026 540 230		1.4	4.5	90	90	9.5	2.1	80	90	2.1	A08	P
N17	264 536 200		1.4	7	90	75	7.4	1.5	80	60	1.5	B7G	F
N18	364 526 300		1.4	4.5	90	90	9.5	2.1	80	75	2	B7G	F
N19	365 024 300		1.4	4.5	90	90	7.7	2	80	75	2	B7G	P
N25	365 *24 300		1.4	5.2	90	90	5	1.4	80	75	1.4	B7G	P
N30	045 231 600		13	12	250	250	40	0.9	100	150	3.9	B7	P
N31	205 331 600	G1	13	4.4	200	175	40	10	100	100	9	B7	P
N34	105 231 600		13		250	250	40	10.5	No Data Available			B7	P
N37	412 360 500	G1	13	8	200	150	50	10	100	100	9	B7G	P
N40	045 231 600		4	3.5	250	250	32	2.9	100	150	2.9	B7	P
N41	045 231 600		4	3.5	250	250	32	10	100	150	9	B7	P
N42	045 231 600		4	16.5	250	250	34	2.5	100	150	2.5	B7	P
N43	005 231 600		4(5)	4.5	250	250	40	10	100	150	9	B7	P
N63	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
N66	026 540 310		6	15	250	250	85	6.3	100	150	6	A08	P
N77	412 360 500		6	12	250	250	20	2.6	100	150	2.6	B7G	F
N78	412 360 500		6	5.5	250	250	35	10	100	150	9	B7G	F
N108	412 36* 500		40	8	200	150	50	10	100	100	9	B7G	F
N118	23* *54 130		40	6	150	150	30	7.5	100	100		B8A	P
N119	*41 23* 6*5		45	12.5	200	175	70	10	No Data Available			B9A	P
N142	261 054 130		45	9.5	200	175	54.5		100	100	9	B8A	P
N144	412 360 500		6	12	250	250	20	2.6	100	150	2.6	B7G	F
N145	261 054 130		40	6.3	200	150	29	7.5	100	100	7	B8A	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V		Anode Volts	Screen Volts	mA/V		
N147	026 540 310		6	6	250	250	36			100	150	8	A08	P
N148	265 004 130		6	12.5	250	250	45	9.4		100	100	4	B8A	P
N150	261 054 130		6	7	250	250	36	10		100	100	9	B8A	P
N151	261 045 130		6	13.5	250	250	22.5	2.9		100	100	2.9	B8A	P
N152	*41 23* *51	A1	20	28	200	200	40	6		100	100	6	B9A	P
N153	541 231 600		5	2.3	200	175	36	10		100	100	9	B9A	P
N154	*41 23* 6*5		16	14.2	200	200	45	8.2		100	100	7	B9A	P
N155	*41 231 615		6	10.8	225	225	26	3.2		150	100	3.2	B9A	P
N308	02* 54* 310	A1	25	9.5	100	100	100	13	No Data Available				A08	P
N309	541 231 600		15	2.3	200	175	36	10		100	100	9	B9A	P
N329	*41 23* 6*5		16	14.2	200	200	45	8.2		100	100	7	B9A	P
N339	*41 23* *51	A1	21.5	13	150	150	50	8.5		100	100	7	B9A	P
N349	*41 23* *51	A1	20	12	150	150	5	8.5		100	100	7	B9A	P
N359	*41 231 551	A1	21.5	28	200	200	40	6		100	100	6	B9A	P
N369	041 23* 6*5		12.6	10.3	200	175	31	8.3	No Data Available				B9A	P
N379	*41 23* 6*5		15		200	175	70	10	No Data Available				B9A	P
N709	*41 23* 6*5		6	7.3	250	250	48	11.3		100	150	10	B7G	P
N727	412 365 400		6	4.5	250	250	45	4.1		100	150	4	B7G	P
NDD40	802 310 000		4					D					B4	D
NEP51	023 110 560		4	3	250	100	8	2.2		100	100		BSC	P
NP2	023 110 560	G1	12.5	2	200	100	3	2.1		100	100	2.1	BSC	P
NP3	023 110 560	G1	12.5	2	200	100		2.3		100	100	2.3	BSC	P
NC320	002 300 000	D1	2				4.5						B5	D
NC3020	002 300 000	D1	2										B4	R
NP51	023 100 560	G1	4	2.5	250	100	3.5	2		100	100		BSC	P
NIX2	*41 23* *51	A1	21.5	28	200	200	40	6		100	100	6	B9A	P
NLP61	023 104 560		4	7	250	250	4	9		100	100		BSC	P
NLP62	020 314 560		4	14	250	250	72	9	No Data Available				BSC	P
NSS42	542 310 000	A1	4	2.5	250	100	3.5	2		100	100		B5	P
NSS43	542 310 000	A1	4	2.5	250	100	3.5	2		100	100		B5	P
NSS183	542 310 000	A1	20	2.5	200	100	3.5	2		100	100		B5	P
NT51	023 100 060	G1	4	5	250		6	2.5		100		2.2	BSC	T
NVS4	542 310 000	A1	4	2	200	100	6	1		100	100		B5	P
NW4	642 310 000		4	2.5	200		2.5	1		100		2.2	B5	T
00	364 200 000		5		40		1	0.6	No Data Available				UX4	T
00A	364 200 000		5		40		1.5	0.6	No Data Available				UX4	T
01	364 200 000		5	4.5	90		2.5		80				UX4	T
01A	364 200 000		5	4.5	90		2.5	0.7	80			0.7	UX4	T
01AA	364 200 000		5	4.5	90		3.2	0.9	90			0.8	UX4	T
01B	364 200 000		5	4.5	90		2.5	0.7	90			0.7	UX4	T
015/400	642 300 000		4	35	400		40	4.5	100			4.5	B4	T
054V	642 310 000		4		100			4	100				B5	T
084	642 300 000		4	4	150		4	1.3	100			1.2	B4	T
0202	645 280 000	G1	2		150	50	2		100				B7	O
0406	645 231 700	G1	4	4	150	75	0.95	0.2	100		75	1		
01307	023 154 560	G1	4	4	90	90	2	1	100		90	1.3		
			4	1.5	250	90	1.6	1	250		90	1.5		
					200	90	8	3	200		75	1.6	BSC	P
0BC3	041 896 231		12.5	2	250		1	1.1	150				A08	DDT
0BF2	206 581 930	G1	9	2	200	100	6	1.8	100			1.1	A08	DDT
0CH4	217 544 630	G1	15		100		3.5		100		100	1.7	A08	DDP
0FI	026 510 310		6.3	2	200	100	3	0.75	100		60	3.5	A08	TH
0F9	206 501 130	G1	8.5	2.5	250	100	8.5	1.8	100		100	1.7	A08	P
					200	100	6	2.2	100		100	2	A08	P
0M1	020 080 310		30			120			REC				A08	R
0M3	028 190 310		6						D			30mA	A08	DD
0M4	026 980 310	G1	6	5	250		5.5	2.2	100			2.2	A08	DDT
0M5	026 510 310	G1	6	2	250	100	3	1.8	100		100	1.8	A08	P
0M5B	026 510 310	G1	6	2	250	100	3	1.8	100		100	1.6	A08	P
0M5C	026 510 310		6	2	250	100	3	1.8	100		100	1.8	A08	P
0M6	026 510 310	G1	6	2.5	250	100	6	2	100		100	2	A08	P
0M7	026 510 310	G1	6	2.5	250	100	6	2	100		100	2	A08	P
0M9	026 500 310	G1	6	18	250	250	32	2.8	100		150	2.8	A08	P
0M10	027 546 310	G1	6	2.0	100		5.4	2.2	100		60	2.8	A08	TH
				2.0	250	100	5.0	2.4	100		100	1.2		
0F41	045 231 600		4	12.5	250	250		9.1	100		100	8	B7	P
0F42	045 231 600		4	6.2	250	250		10.5	100		100	9	B7	P
0S6/300	642 350 000		4	20	300	150	22	2	100		100		B5	P
0S18/600	023 114 500	A1	6	14	250	275	72	8.5	100		150	8	BSC	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
OSV2190	021 414 360		6.3	2	300	150	10	9	No Data Available			A08 P	
OSV2192	120 415 360		6.3	3	300	150	30	11	No Data Available			A08 P	
OSV2600	021 415 360		6.3	2	300	150	10	9	No Data Available			A08 P	
OSV2601	120 415 360		6.3	3	300	150	30	11	No Data Available			A08 P	
OSV3105	041 896 230		6.3	2	250		0.9	1.1	100		1	A08 DDT	
OSV3106	026 540 310		6.3	12.5	250	250	45	4.1	100	150	4	A08 P	
OSV3107	020 809 030		5				60		REC		20mA	A08 RR	
OSV3108	026 540 310		6.3	14	250	250	72	6	100	150	5	A08 P	
OSV3109	028 190 300		6.3						D			A08 DD	
OSV3111	021 415 360		6.3	3	250	100	9.2	2	100	100	2	A08 P	
OSV3112	026 040 310		6.3	8	250		9	2.6	100		3	A08 T	
P2	642 300 000		2	6	100		12	3.5	100		4	B4 T	
P4	642 300 000		4	21	250		30	2.8	100		2.8	B4 T	
P6M0	023 104 560		6.3	14	250	250	72	9	100	100		8SC P	
P12/250	642 300 000		4	44	250		60	6	100		6	B4 T	
P15/250	642 300 000		4	44	250		60	6	100		6	B4 P	
P15/250S	023 004 060		4	44	250		60	6	100		6	8SC T	
P24/450	642 300 000		7.5	70	400		55	2.1	100		2.1	B4 T	
P25/400	642 300 000		6	100	350		70	3.7	100		3.7	B4 T	
P25/500	642 300 000		6	90	400		65	3	100		3	B4 T	
P26/500	642 300 000		4	100	400		62.5	4.2	100		4.2	B4 T	
P27/500	642 300 000		4	27	400		62.5	8.5	100		8	B4 T	
P30/500	642 300 000		4	100	400		60	4	100		4	B4 T	
P41	216 040 030		4	11.8	250		16	4.5	100		4.5	M08 T	
P43H	642 350 000		4	17	250	250	26	2.5	100	100		B5 P	
P61	216 040 030		6	11.8	250		16	4.5	100		4.5	M08 T	
P215	642 300 000		2		150			1.4	100			2.2 B4 T	
P220	642 300 000		2	7.5	150		6	3	100		3	B4 T	
P220A	642 300 000		2	14	150		15	2.7	100		2.7	B4 T	
P222	642 300 000		2	10.5	150		6	3	100		3	B4 T	
P225	642 350 000		2	4.5	150	150	5.6	2.2	100	100	2.2	B5 P	
P240	642 300 000		2	24	150		18	1.1	100		3.7	B4 T	
P240A	642 300 000		2	21	150		25	5	100		5	B4 T	
P410	642 300 000		4	12	150		7	1.3	100		1.5	B4 T	
P414	642 300 000		4	16	100		14	2.8	80		2.8	B4 T	
P415	642 300 000		4	25	150		14	1.5	100		1.5	B4 T	
P420	642 300 000		4	85	400		50	6	100		6	B4 T	
P421	642 350 000		4	11	200	75	12	1.5	100	75		B5 P	
P422	642 350 000		4	20	250	250	22	2.5	100	100		B5 P	
P425	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5 P	
P425	642 300 000		4	16.5	150		17	1.9	100			B4 T	
P430	264 300 000		4	30	200		25	2.2	100		2.2	UX4 T	
P434	032 004 560		4	17	250	250	36	2.5	100	100		8SC P	
P435	642 350 000		4	17	250	250	30	3	100	150	3	B5 P	
P440	642 350 000		4	30	400	200	45	5	No Data Available			B5 P	
P440N	045 231 600		4	22	250	250	26	2.8	100	150	2.8	B7 P	
P440N	642 310 000		4		250	250	20	2.5	100	150	2.8	B5 P	
P441N	045 231 600		4	22	250	250	36	2.8	100	150	2.8	B7 P	
P455	264 300 000		4	15	250	250	30	5.5	100		5.5	UX4 T	
P455	023 100 650		4	25	250	250	36	2.6	100	150	2.8	8SC P	
P460	642 300 000		4	40	200		50	3.5	100		3.5	B4 T	
P469	045 231 600		4	14	250	275	72	8.5	100	150	7	B7 P	
P495	045 231 600		4	6	200	200	32		100	100		B7 P	
P496	045 231 600		4	6	200	200	32	9.5	100	100	8	B7 P	
P520	642 350 000		5	17	200	150	12	1.3	100	100		B5 P	
P625	642 300 000		6	26	250		24	2.5	100			B4 T	
P625A	642 300 000		6	39	200		25	2.3	100			B4 T	
P625B	642 300 000		6	1	200			2.8	200		2.8	B4 T	
P626	023 100 560	G1	6.3	32	250	250	26	2.5	100	100		8SC P	
P628	023 100 560	G1	6.3	17	250	250	56	2.5	100	100		8SC P	
P650	642 300 000		6	1	100		37	2.7	100		2.7	B4 T	
PR61	289 130 000		6				30		REC		15mA	UX5 RR	
P1320	023 100 560		13	20	250	250	22	1.9	100	100		8SC P	
P2018	642 310 000		20	15	200		20	4	100		4	B5 T	
P2020N	642 310 000	G2	20	18	200	200	20	1.7	100	100	1.7	B5 P	
P2060	023 140 560		24	19	200	100	40	3.2	100	90	3	8SC P	
P2460	642 310 000	G2	24	19	200	100	40		100	90		B5 P	
P3580	045 231 600		33	8.5	200	200	45	8	100	150	7	B7 P	
P4100	642 300 000		4	40	400		30		100			B4 T	
PA20	642 300 000		2	36	300		49	5.2	100		5	B4 T	
PA1	642 310 000		4	10	200		40	5	100		5	B5 P	
PA40	642 300 000		4	90	400		200	10	100		9	B4 T	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
PAB1	Q23 110 980		6						D			BSC	DDD	
PABC80	191 238 146		9.5	2.3	200		1	1.4	100		1.4	B9A	DDDT	
PB1	234 600 000		2	4	150		11.5	3.8	150		3.8	B4	T	
PB495	892 300 000		4				30		REC		15mA	B4	RR	
PBF2	026 895 310	G1	6	3	250	100	5.8	1.2	100	100	1.2	A08	DDP	
PC86	641 234 146		3.8	1.5	200		12	14	No Data Available			B9A	T	
PC88	414 234 464		4	1.2	150		12.5	14	No Data Available			B9A	T	
PC92	602 304 100		3.2	2	250		10	5	100		5	B7G	T	
PC93	642 314 600		4.7	4	100		16	8	100		8	B9A	P	
PC95	142 360 100		3.6	1.2	200		10	10.5	No Data Available			B7G	T	
PC96	412 314 600		3.1	1	200		11.5	6.7	200		6.7	B7G	T	
PC97	142 360 100		4.5	1	150		12	13	No Data Available			B7G	T	
PC900	412 361 100		4	1	150		12	6	No Data Available			B7G	T	
PC84	147 234 116		7	1.5	90		10		6		6	B9A	TT	
PC85	641 237 410		9	2.1	200		10	5.8	150		5.8	B9A	TT	
PC88	641 237 410		7	1.2	90		15	12.5	No Data Available			B9A	TT	
PC89	147 234 116		7.2	1.2	90		15	12	No Data Available			B9A	TT	
PC189	641 237 410		7	1.2	90		15	12.5	No Data Available			B9A	TT	
PC805	146 234 117		7	1.2	90		15	9	100		9	B9A	T	
PC806	146 234 117		7	1.2	90		15	9	100		9	B9A	T	
PC830	641 237 541		10	{	200		10	3.4	100	60	3.4	B9A	TP	
					200	200	10	12.5	100	100				
PC882	641 237 541		10	{	150		10	3.7	100		3.7	B9A	TP	
					200	200	10	12.5	100	100				
PC800	641 237 541		9.4	{	200	200	10	3.4	100	60	3.4	B9A	TP	
					200	200	10	7.5	100	100				
PCF80	645 237 114		9	{	2	100	14.0	5.0	100	60	5.0	B9A	TP	
					2.0	200	10.0	6.2	150	150	5.0			
PCF82	645 237 114		9.5	{	1.0	150	0	18	8.5	100	60	7.0	B9A	TP
					1.0	250	100	10	5.2	100	100	5.0		
PCF84	576 234 141		9	{	2	100	14	2.5	100	60	3	B9A	TP	
					200	175	8	2.5	100	100	2.2			
PCF86	141 234 675		8	{	3	100	14	6	100	60		B9A	TP	
					1.2	200	150	10	12	No Data Available				
PCF87	157 236 414		7.4	{	3.2	100	15	8.5	100	60	8	B9A	TP	
					200	150	6.4	15	100	100				
PCF800	157 236 414		9	{	100		6	5	100	60	5	B9A	TP	
					200	150	7.6	8.5	100	100	5			
PCF801	141 237 564		8	{	3	100	15	8.5	100	60	8	B9A	TP	
					1.2	200	125	10	10.5	100	100			
PCF802	645 237 114		9.0	{	2.0	200	3.5	3.5	100	60	3.5	B9A	TP	
					1.0	100	6.0	5.5	100	100	5			
PCF803	141 237 564		9	{	3	100	15	9	80	60		B9A	TP	
					150	100	10	11	80	60				
PCF805	657 231 414		7.4	{	3	100	14	5.5	100	60	5	B9A	TP	
					1.5	150	10	11	100	100				
PCF806	141 237 564		8	{	3	100	14	5.5	100	60	6	B9A	TP	
					1.2	200	150	10	12	100	100			
PCF808	657 231 414		7.4	{	3	100	14	5.5	100	60	6	B9A	TP	
					1.7	150	12	14.5	80	60				
PCL81	451 237 614		12.6	{	1.9	150	1.3	1.6	100	60	1.2	B9A	TP	
					6.5	200	30	8.7	100	100				
PCL82	414 237 516		16	{	1.5	200	1.7	2.4	100	60	3	B9A	TP	
					11	200	175	41	7.5	100	6			
PCL83	641 237 154		12.5	{	8.5	250	0	10.5	2.2	100	60	2.0	B9A	TP
					9.0	200	175	30	4.7	100	100	4.0		
PCL84	461 237 145		15	{	1.7	200	3	4	100	60	4	B9A	TP	
					2.9	200	200	18	10	100	100			
PCL85	641 237 514		18	{	0.8	100	5	6.5	100	60	6.5	B9A	TP	
					15	200	175	41	7.5	100	100			
PCL86	415 237 146		14.5	{	1.7	250	1.2	1.6	100	60	2	B9A	TP	
					5.7	250	39	10.5	No Data Available					
PCL88	414 237 516		16	{	200		10	3.4	100	60	3	B9A	TP	
					200	200			100	100				
PC05-15	023 014 500	A1	4		400	250	40	1.3	No Data Available			BSC	P	
PC03/3A	023 014 500	A1	2		300	125		1.4	100	100		BSC	P	
PC03/3B	023 014 500	A1	4		300	125		1.4	100	100		BSC	P	
PD220	446 230 700		2	1.2	150		0.8	0.9	150		0.9	B7	TT	
PD220A	446 230 700		2	3	150		5	1.5	100		1.5	B7	TT	
PD02	264 589 130		6.3	6	250	250	36	9	100	100	8.5	A08	DDP	
PE04-10	023 114 500	A1	12		400	300	27	7.5	No Data Available			BSC	P	
PE05-15	023 114 500	A1	12				40	1.5	No Data Available			BSC	P	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
PE05/25	256 130 000	A1	12.6	80	400	200	70		No Data Available	B5B	P			
PE06/40P	123 114 500	A1	6	40	400	300	40		No Data Available	BSC	P			
PE1-100	245 611 300		12	33	400	250	40	4	No Data Available	B7A	P			
Pen4DD	918 236 500	G1	4(5)	6	250	250	36	9.5	100	150	8	B7	DDP	
Pen4V	642 310 000	G2	4	10	250	200	35	3	100	150	2.8	B5	P	
Pen4VA	642 310 000	G2	4	22	250	250	36	2.8	100	150	2.8	B5	P	
Pen4VA	045 231 600		4	20	250	250	36	2.8	100	150	2.8	B7	P	
Pen4VB	045 231 600		4	5.8	250	250	36	9.5	100	150	8	B7	P	
Pen4VX	642 310 000	G2	4	15	350	200	22	3.5	100	150	3.5	B5	P	
Pen13	023 100 560	G1	13	14	200	200	25	2.5	100	100	2.5	BSC	P	
Pen13A	023 110 560	G1	33	8.5	200	200	45	8	100	100	6	BSC	P	
Pen13C	045 231 600		13	11	250	250	32	6.5	100	150	6	B7	P	
Pen20	642 310 000	G2	20	18	200	200	20	1.7	100	150	1.7	B5	P	
Pen24	206 540 030		2	3.3	200	125	5	4	100	100	4	M08	P	
Pen25	206 540 030		2	3.6	200	125	5	3	100	100	3	M08	P	
Pen26	023 100 560	G1	24	19	200	100	40	3.1	100	60	3	BSC	P	
Pen36A	145 231 600		35	8.5	200	200	45	8	100	150	7	B7	P	
Pen36C	045 231 600		33	8.5	200	200	45	8	100	100	7	B7	P	
Pen40DD	918 236 500	G1	44	8.5	200	200	45	8	100	100	7	B7	DDP	
Pen44	216 540 030		4	11	300	275	70	10.6	100	150	9	M08	P	
Pen45	216 540 030		4	8.5	250	250	40	8.8	100	150	8	M08	P	
Pen45AN	216 540 030		4	8.5	250	250	40	8.8	100	150	8	M08	P	
Pen45DD	216 590 830	G1	4	8.5	250	250	40	8.8	100	100	8	M08	DDP	
Pen46	210 540 030	A1	4(5)	8	300	225	63	8.5	100	100	8	M08	P	
Pen141	206 540 030		1.4	9	90	90	5.5	1.4	80	75	1.4	M08	P	
Pen220	642 350 000		2	4.9	150	150	9	2.2	100	100	2.2	B5	P	
Pen220A	642 350 000		2	9	150	150	18	2.2	100	100	2.2	B5	P	
Pen230	642 350 000		2	4.5	150	125	6	2.2	150	125	2.2	B5	P	
Pen231	642 350 000		2	2.5	150	125	5	4.4	100	100	5	B5	P	
Pen383	216 540 030		38	10	200	175	64	10.5	100	100	9	M08	P	
Pen384	216 540 030		38	7	150	125	40	7.8	100	100	12	M08	P	
Pen425	642 350 000		4	25	300	200	20	1.7	100	100	1.7	B5	P	
Pen428	045 231 600		4(5)	13.8	250	250	72	8.5	250	200	7	B7	P	
Pen453DD	216 590 830	G1	45	10	200	175	64	10.5	100	100	9	M08	DDP	
Pen650	023 114 500	A1	6	24	400	300	30	5	100	150	5	BSC	P	
Pen1340	045 231 600		13	8.6	250	250	41	6.4	100	150	6	B7	P	
Pen2020	023 100 560	G1	20	19	200	100	40	3.1	100	60	3.1	BSC	P	
Pen3520	045 231 600		35	8	200	200	40	7.3	100	100	7	B7	P	
Pen3820	045 231 600		38	10	150	175	64	10.5	100	100	9	B7	P	
PenA1	642 350 000		4	16.5	250	250	32	3	100	150	3	B5	P	
PenA4	045 231 600		4	5.8	250	250	36	9.5	100	150	9	B7	P	
PenA4	005 231 600	G1	4	5	250	250	40	9.1	100	100	8	B7	P	
PenB1	642 350 000		2	4.5	150	150	8.5	2.5	100	100	2.5	B5	P	
PenB4	045 231 600		4(5)	14	250	275	72	8.5	100	150	7	B7	P	
PenDD61	869 231 500	G1	6	5.3	250	250	32	8.5	250	200	8	B7	DDP	
PenDD1360	968 231 500	G1	13	5.3	250	250	32	8.2	100	100	8	B7	DDP	
PenDD2530	869 231 500	G1	25	7.8	250	250	43	7.8	100	150	7.8	B7	DDP	
PenDD4Q20	968 231 500	G1	40	7.7	250	250	43	7.8	100	100	7	B7	DDP	
PenDD4Q21	968 231 500	G1	45	10	200	175	64	10.5	100	100	12	B7	DDP	
FP9	026 510 310	G1	6	3.5	250	100	7.5	1.7	100	100	1.6	A08	P	
FP83	501 236 014		4.5	2	60	50	1.9		No Data Available	B9A	P			
FP86	501 236 014		4.5	2	250	150	3	2	100	100		B9A	P	
FP462	041 230 500	A1	2	1	150	150	3	1.9	150	150	1.9	B7	P	
FP472	041 230 500	A1	2	0.5	150	150	2.5	1.7	150	150	1.7	B7	P	
FL11	602 301 450		17.5	10.5	200	200	53	9	100	100		P8	P	
FL33	026 540 310		19	5.3	250	250	32	9	100	150	8	A08	P	
FL36	*2* 540 310	A1	25	21	200	175	100	11	No Data Available	A08	P			
FL38	120 540 310	A1	30	5.5	200	200	75	13.5	100	150	10	A08	P	
FL81	*41 23* *51	A1	21.5	28	200	200	30	6	100	100	6	B9A	P	
FL81P	*41 23* *51	A1	21.5	28	200	200	30	6	100	100	6	B9A	P	
FL82	041 230 605		16	14.2	200	200	45	7.6	100	100	7	B9A	P	
FL83	541 231 600		15	2.3	200	175	36	10	100	100	9	B9A	P	
FL84	*41 23* 6*5		15	12.5	200	175	70	10	100	100	9	B9A	P	
FL136	521 441 350	A1	35	12	100	100	90	19	No Data Available	A08	P			
FL183	541 231 640		12.6	2.1	150	225	40	25	No Data Available	B9A	P			
FL300	521 441 350	A1	35	22.5	200	150	100	10	No Data Available	B8A	P			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V		Anode Volts	Screen Volts	mA/V		
PL500	441 235 510	A1	27	14	150	150	100	10	No Data Available				B9D	P
PL820	401 231 551	A1	21.5	22	200	175	45	6.2	100	100	6		B9A	P
PM04	412 365 100		6.3	1.2	250	100	11	4.4	100	100	4		BTG	P
PM05	412 365 100		6.3	2.3	150	150	7	4.3	100	100	4		BTG	P
PM07	412 361 500		6.3	2	250	250	10	7.5	100	150	5		BTG	P
PM1A	642 300 000		2		100		1	1.2	100		1.2	B4	T	
PM1HP	642 300 000		2	3	150		1.5	0.8	100		0.8	B4	T	
PM1HL	642 300 000		2	1.5	150		2.3	1.2	150		1.2	B4	T	
PM1LP	642 300 000		2	6	150		3	0.9	100		0.9	B4	T	
PM2	642 300 000		2	7	100		4	0.9	100		0.9	B4	T	
PM2A	642 300 000		2	6	160		5	2	100		2	B4	T	
PM2B	446 230 700		2	1	150		3	2.5	100		2.5	B7	TT	
PM2BA	446 230 700		2	1	150		3	2.1	100		2.1	B7	TT	
PM2DL	642 300 000		2	4.5	150		2	1.5	100		1.5	B4	T	
PM2DX	642 300 000		2	5	150		2.3	1.1	100		1	B4	T	
PM2HL	642 300 000		2	1.5	150		2.2	1.4	150		1.4	B4	T	
PM3	642 300 000		4		100		2	1.1	100		1	B4	T	
PM4DX	642 300 000		4		100		1.5	2	100		2	B4	T	
PM12	542 300 000	A1	2		150	75	4	1.1	100	75	1.1	B4	P	
PM12A	542 300 000	A1	2	1	150	75	2	1.5	100	75	1.5	B4	P	
PM12H	542 300 000	A1	2	1	150	90	1.4	1.4	150	90	1.4	B4	P	
PM12V	542 300 000	A1	2		150	90		0.7	100	90	0.7	B4	P	
PM14	542 300 000	A1	4		150	75	2.7	0.8	100	75	0.8	B4	P	
PM22	642 350 000		2	10	150	150	15	1.3	100	100	1.3	B5	P	
PM22A	642 350 000		2	4.5	150	150	5.6	2.2	100	100	2.2	B5	P	
PM22C	642 350 000		2	16	150	150	23	3	100	100	3	B5	P	
PM22D	642 350 000		2	2.4	150	150	5	3	100	100	3	B5	P	
PM24	642 350 000		4	11	150	150	20	1.7	100	100	1.7	B5	P	
PM24	642 310 000	G2	4	11	150	150	20	1.7	100	100	1.7	B5	P	
PM24A	642 350 000		4	22.5	300	200	20		100	100	2	B5	P	
PM24B	642 350 000		4	40	400	300	30	2.1	100	100	2.1	B5	P	
PM24C	642 350 000		4	20	400	200		3	100	100		B5	P	
PM24D	642 350 000		4(5)	35	400	200	50	4	100	100	4	B5	P	
PM24DC	642 350 000		4(5)	42	300	200	20	1.5	100	100	2	B5	P	
PM24E	642 350 000		4	40	300	300	83	3.9	100	150	3.9	B5	P	
PM24H	642 350 000		4	17	250	250	30	3	100	150	3	B5	P	
PM203	642 300 000		2	14	150		14	3.5	100		2.5	B4	T	
PM252	642 300 000		2		100		32	3.7	100			B4	T	
PM254	642 300 000		4	21	200		15		100			B4	T	
PM256	642 300 000		6	27	250		20		100		2.4	B4	T	
PM2	642 350 000		2	7.5	150	150	6		100	100		B5	P	
PF2	642 300 000	G2	2	5	150	150	7	2.1	100	100	2.1	B4	P	
PF2	642 350 000		2	5	150	150	7	2.1	100	100	2.1	B5	P	
PF2S	023 004 560		2	5	150	150	7	2.1	100	100	2.1	RSC	P	
PF3/250	642 300 000		4	37	300		48	5.2	100		6.5	B4	T	
PF4	642 350 000		4	15	250	250	36	3	100	150		B4	P	
PF4S	032 004 560		4	15	250	250	36	3	100	150		RSC	P	
PF4S	642 350 000		4	15	250	250	36	3	100	150		B5	P	
PF5/400	642 300 000		4(5)	32	400		62	8.2	100		6	B4	T	
PF6AS	023 104 560		6	18	250	250	32	2.8	100	150	2.8	RSC	P	
PF6B	265 413 000		6		250	250	36	10	100	150	9	UX6	P	
PF6BG	026 540 310		6	6	250	250	36	10	100	150	9	A08	P	
PF6BS	026 540 310		6	6	150	250	36	9	100	150	9	A08	P	
PF6C	026 540 310		6	12	250	200	36	10	100	150	9	A08	P	
PF6E	045 231 600		6	17	500	275	72	8.5	100	150	8	B7	P	
PF13A	045 231 600		13	12	200	200	40	2.6	100	100	2.5	B7	P	
PF13S	023 100 560	G1	13	14	200	200	25	3.5	100	100	3.5	RSC	P	
PF24	005 231 600	G1	24	19	200	100	40	3	100	75	3	B7	P	
PF24S	023 100 560	G1	24	19	200	100	40	3	100	75	3	RSC	P	
PF34	005 231 600	G1	35	6.5	200	200	45	8.5	100	100	8	B7	P	
PF34S	023 100 560	G1	35	6.5	200	200	45	8.5	100	100	8	RSC	P	
PF35	045 231 600		35	6.5	200	200	45	8.5	100	100	8	B7	P	
PF36	145 231 600		35	6.5	200	200	45	8.5	100	100	8	B7	P	
PF37	005 231 600	G1	35	9.5	200	100	45	8.5	100	75	8	B7	P	
PF60	026 540 310		6	15	250	250	85	6.3	100	150	6.3	A08	P	
PF215	642 350 000		2	4.5	90	90	8	1.7	100	90	1.7	RSC	P	
PF215S	032 004 560		2	4.5	90	90	8	1.7	100	90	1.7	RSC	P	
PF220	642 300 000		2	12	150		12.5	3	100		3	B4	T	
PF222	642 350 000		2	6	150	150	12	2.5	100	100	2.5	B5	P	
PF222	642 300 000	G1	2	6	150	150	12	2.5	100	100	2.5	B4	P	
PF225	642 350 000		2	12	150	150	18	2	100	100	2	B5	P	
PF225S	023 004 560		2	12	150	125	18	2	100	100	2	RSC	P	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
FP415	642 350 000		4	12	200	200	12	1.8	100	150	1.8	B5	P
FP416	642 350 000		4	12	200	75	10	2	100	60	2	B5	P
FP430	642 350 000		4	25	200	200	20	2	100	100	2	B5	P
FP431	642 350 000		4	20	250	250	22	1.9	100	150	1.9	B5	P
FP2018	642 310 000	G2	20	18	200	200	20	2.5	100	100	2.5	B5	P
FP2018	045 231 600		20	18	200	200	20	2.5	100	100	2.5	B7	P
FP2101	364 520 000		2	3	150	150	7	2.1	100	100	2.1	UX5	P
FP3521	040 231 600		35	25	200		70	6.3	100		6	B7	T
FP4100	642 350 000		4	40	400	300	30	3	100	150	3	B5	P
FP4101	642 350 000		4	14	250	250	36	3.5	100	150	3.5	B5	P
FP4118	160 452 300		40	10	200	175	35	6.5	100	100	6	C7	P
PT	045 231 600		4	6	250	250	32.5	7.5	100	150	2	B7	P
PT2	642 350 000		2	4.5	150	125	5.3	2.6	100	100	7.6	B5	P
PT2	642 300 000	G2	2	4.5	150	150	6.5	2.5	100	100	2	B4	P
PT2A	642 350 000		2	10.5	150	150	18		100			B5	P
PT2K	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
PT4	642 350 000		4	17	250	250	30	3	100	150	2.3	B5	P
PT4	045 231 600		4	6	250	250	36	9.5	100	150	7	B7	P
PT4	216 045 300		4	6	250	250	31	7	100	100		B7	P
PT4D	968 231 500	G1	4	6	250	250	32.5	7.5	100	150	7	B7	DOP
PT5	045 231 600		26	7	250	250	36	9	100	100		B7	P
PT10	045 231 600		4	7.5	250	250	40	9	100	150	8	B7	P
PT12	204 531 102	A1	10	15	250	250	62	6	100	150	6	B9	P
PT15	542 310 000	A1	6	25	300	300	40	2.8	100	100	1.2	B5	P
PT16	642 350 000		4	15	300	300	55	4.8	100	150	4.8	B5	P
PT25	642 350 000		4	22	400	200	62	4	100	100	4	B5	P
PT25H	642 350 000		5	16	400	300	62	6.5	100	150	5	B5	P
PT41	642 350 000		4	12.5	250	200	30	3	100	100	3	B5	P
PT41B	642 350 000		4	40	400	300	30	2.2	100	100	2.2	B5	P
PT225	642 350 000		2	6	150	150	8	2.3	100	100	2.5	B5	P
PT225	642 300 000	G2	2	6	150	150	8	2.3	100	100	2.5	B4	P
PT240	642 350 000		2	9	150	150	16	2.5	100	100	1.6	B5	P
PT250	642 350 000		2	15	250	250	40		100	150		B5	P
PT425	642 350 000		4	7.5	150	150	15	2	100	100	2	B5	P
PTA	045 231 600		13	10	250	250	32	4	100	150	4	B7	P
PTAD	968 231 500	G1	4	6	250	250	7	7	100	150	7	B7	DOP
PTS	005 231 600	G1	26	5.5	250	250	40	6	100	150	6	B7	P
PTS	045 231 600		26	8.2	250	250	32	6	100	150	5	B7	P
PTSA	869 231 500	G1	26	5.5	200	200	40		100	150		B7	DOP
PTSD	968 231 500	G1	26	5	250	200	40	6	100	150	6	B7	DOP
PTT120P	641 237 410		18	1.5	250		10	5.5	100			B8D	TT
PTT122P	641 237 410		18	2	250		10	5.5	100		5	B8D	TT
PTT141	602 441 443		6.3	1.2	150		22	25	No Data Available			B9A	T
PTT202	412 356 010		18	2.2	200	200	8	5.5	100	100		B8D	P
PTT202S	412 356 010		18	2.2	200	200	8	5.5	100	100		B8D	P
PTT203	026 510 310	G1	18	5	200	200	35	8.5	No Data Available			A08	P
PTT203P	026 500 310	G1	18	5	200	200	35	8.5	100	100		A08	P
PTT208P	412 356 110		18	4.5	200	200	18	6	100	100		B8D	P
PTT212P	412 356 010		18	1.6	200	200	10.5	8.5	No Data Available			B8D	P
PTT213P	412 356 010		6.3	1.6	200	200	10.5	8.5	No Data Available			B8D	P
PTT214P	412 365 110		6.3	1.8	150	150	12.5	13.5	No Data Available			B8D	P
PTT216	402 106 053		6.3	1.8	150	150	12.5	13.5	No Data Available			B8D	P
PTT217	123 141 516		6.3	1.6	150	150	12.5	16	No Data Available			B9A	P
PTT241P	412 356 *00		6.3	2.9	250	225	34	12.5	No Data Available			B8D	P
PTT243P	421 356 130		6.3	1.5	150	150	26	28	No Data Available			B8D	P
PTT244P	615 141 230		18	1.5	150	150	26	27	No Data Available			B8D	P
PTT310A	601 143 210		20	1.8	75	75	2	3.2	80	75	3.2	B8D	P
PTZ	005 231 600	G1	40	5.5	250	200	40	7.5	100	150	7	B7	P
PV06-20	400 235 100	A1	6	40	200	300	40	4	100	100	4	B7	P
PV06-25	401 235 100	A1	6	40	200	300	40	4	100	100	4	B7	P
PV1-35	401 235 100	A1	12	25	250	200	40	2	100	100	2	B7	P
PV4	892 300 000		4				60		REC		20mA	B4	RR
PV25	091 231 800		25				60		REC		20mA	B7	RR
PV29	091 231 800		30				60		REC		20mA	B7	RR
PV29S	123 180 090		30				60		REC		20mA	BSC	RR
PV30	091 231 800		30				30		REC		15mA	B7	RR
PV30A	123 180 090		30				30		REC		15mA	BSC	RR
PV30S	123 190 080		30				60		REC		20mA	BSC	RR
PV75/1000	892 300 000		4				30		REC		17mA	B4	RR
PV100/2000	892 300 000		4				60		REC		17mA	B4	RR
PV200/600	892 300 000		4				120		REC		28mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
PV400	802 300 000		4				30		REC		15mA	B4	R
PV430	892 300 000		4				15		REC		9mA	B4	RR
PV475	892 300 000		4				15		REC		11mA	B4	RR
PV480	802 300 000		4				30		REC		16mA	B4	R
PV495	892 300 000		4				30		REC		17mA	B4	RR
PV3018	190 812 300		30				60		REC		20mA	C7	RR
PV4100	892 300 000		4				30		REC		15mA	B4	RR
PV4200	892 300 000		4				60		REC		27mA	B4	RR
PV4201	892 300 000		4				60		REC		27mA	B4	RR
PV4300	892 300 000		4				60		REC		20mA	B4	RR
PVB6	892 310 000		6				60		REC		20mA	B5	RR
FX2	642 300 000		2	22	150		22	1.5	100		1.5	B5	T
FX4	642 300 000		4	43	300		43	6	100		6	B4	T
FX5	642 300 000		4	34	400		62.5	6.5	100		6.5	B4	T
FX25	642 300 000		4(5)	31	400		40	7.5	100		7	B4	T
FX25A	642 300 000		4(5)	100	400		62.5	3.7	100		6.5	B4	T
FX41	642 300 000		4	40	250		49	6	100		6	B4	T
FX230	642 300 000		2	15	150		17.5	3.5	100		3.5	B4	T
FX230SV	602 300 000	G1	2	15	150		18	3.5	100		3.5	B4	T
FX240	642 300 000		2	32	200		25	3	100		3	B4	T
FX2100	642 300 000		7.5	30	400		18	1.6	100		1.6	SM4	T
FT31	020 080 310		17				120		REC		70mA	A08	R
FT32	028 08* 310		29				180		REC		70mA	A08	R
FT33	028 080 310		29				180		REC		70mA	A08	R
FT71	200 800 030	C	21				120		REC		30mA	B8B	R
FT80	001 230 008		19				180		REC		70mA	B9A	R
FT81	*** 23* **8	C	17				120		REC		40mA	B9A	R
FT82	*** 23* **8		19				180		REC		70mA	B9A	R
FT83	*** 23* **8	C	20				120		REC		70mA	B9A	R
FT88	*** 23* **8	C	26				120		REC		40mA	B9A	R
FT300	028 08* 310		29				180		REC		40mA	A08	R
FT800	*** 23* **8	C	19				120		REC		40mA	B9A	R
FT801	*** 23* **8	C	19				120		REC		40mA	B9A	R
FZ	264 530 000		2.5	16.5	250	250	31	2.5	100	150	2.5	UX5	P
FZ03-3	401 235 000	A1	4	25	300	125	25	1.4	100	100	1.4	B7	P
FZ05-15	401 235 000	A1	4		400	150	40	1.2	100	100	1.2	B7	P
FZ30	029 183 210		26				120		REC		60mA	A08	RR
FZH	265 413 000		2.5	16.5	250	250	34	2.2	100	150	2.2	UX6	P
QA2400	412 361 500		6	2.5	200	200	8	2.5	100	150	2.5	B7G	P
QA2401	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
QA2402	412 36* 500		6	13.5	250	250	16	2.6	100	150	2.6	B7G	P
QA2403	412 361 500		6	{ 2.0 1.6	{ 250 200	{ 250 150	{ 10.0 4.0	{ 7.5 6.4	{ 100 100	{ 150 150	{ 5.0 5.0	{ B7G B7G	{ P DD
QA2404	192 310 800		6				3		D			B7G	DD
QA2405	241 657 145		6	14	250	150	30	3.9	100	100	3.9	B9G	PP
QA2406	471 226 413		6	2	250		10	5.5	100		5	B9A	TT
QA2407	802 309 100		6				30		REC		15mA	B7G	RR
QA7408	471 461 230		6	8	250		9	2.6	100		2.6	A08	TT
QB65	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT
QB309	641 227 413		6	2	250		10	5.5	100		5	B9A	TT
QD05/35	235 242 300	A1	1.6		200	200	100	7	No Data Available			A08	P
QD77	182 310 900		6						D			B7G	DD
QD03/20	245 134 200	A1 A2	6	17	400	200	20		No Data Available			B7A	PP
QD04-10	265 511 413		6	12	300	150	25	2.5	100	100		B9G	P
QD05	125 141 300	A1	6		200	200	100	7	No Data Available			A08	P
QD06-50	254 130 000	A1	6	14	200	250	83	6.5	100	100		UX3	P
QE77	6*2 364 100		6	8.5	250		10.5	2.2	100		2	B7G	T
QNT7	412 360 500		6	12.5	250	250	16	2.6	100	150	2.6	B7G	P
QP21	446 235 700		2	4.5	150	150	11	2.3	100	100	2.3	B7	PP
QP22A	465 230 574		2	12	150	150	3	4	150	150	4	B9	PP
QP22B	446 235 700		2	11.7	150	150	3.8		100	100	3.1	B7	PP
QP25	207 544 630		6	2	150	125	10	3	100	100	3	M08	PP
QP230	446 235 700		2	9.6	150	125	4.6	3	100	100	3	B7	PP
QP240	465 230 574		3	5	150	150	25	4	100	100	4	B9	PP
QPT2	476 235 700		2	9	150	150	3.3		100	100		B7	PP
QQ03-12	501 235 144		6		300	250	45	7	100	100		B9A	P
QQ03/14	412 657 240		3.1		200	200	30	3.2	100	100	3	B9A	PP
QQ004-15	263 724 540		6	14	200	200	20	2	100	100		B8B	P

VALVE	SELECTOR SWITCH No.	T.C.	VT	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
Q9B02-5	414 226 573		6.3	50	250	250	45	10.5	No Data Available			B9A	PP
Q9B03-12	414 226 573		6.3	15	200	200	30	3.3	100	100		B9A	PP
Q9B03-20	245 134 200	A1 A2	6	17	400	200	20	2.5	No Data Available			B7A	PP
Q9B04-20	245 134 200	A1A2	6	26	400	250	30	3	No Data Available			B7A	PP
Q9B06-40	245 134 200	A1A2	6		400	250	30	3.4	No Data Available			B7A	PP
Q9V03-25	345 124 300		6.3	50	400	250	40	2.5	No Data Available			B7A	PP
Q9V02-6	414 226 573		6.3	5	150	150	22	10.5	100	100		B9A	PP
Q9V03-10	414 226 573		6	10	200	150	30	3.3	100	100		B9A	PP
Q9V03-20	245 134 200	A1A2	6.3	17	300	200	20	2.5	100	100		B7A	PP
Q9V03-20A	245 134 200	A1A2	6.3	17	300	200	20	2.5	100	100		B7A	PP
Q9V04-15	245 134 200	A1A2	6.3	27	400	250	30	3	100	100		B7A	PP
Q9V04-20	241 531 420	A1A2	6	23	400	200	25	4	100	100		B7A	PP
Q9V06-40	245 134 200	A1A2	6.3		400	250	30	3.4	100	100		B7A	PP
Q9V06-40A	245 134 200	A1A2	6.3		400	250	30	3.4	100	100		B7A	PP
Q9V07-40	245 134 200	A1A2	6.3		300	250	25	1.9	100	100		B7A	PP
Q9V07-50	345 124 300		6.3		400	250	100	4.5	No Data Available			B7A	PP
Q9Z04-15	273 624 540		3	10	300	200	20	2	100	100	2	B8B	PP
Q9Z06-40	245 3*4 200	A1 A2	2.1		200	200	30	4.5	100	100		B7A	PP
Q/U37	023 000 000	D1	1.4						D			B3G	D
Q/U452	230 000 000	D1	2						D			B3G	D
QV03-12	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
QV04-7	265 511 413		6	30	300	250	25	1.9	100	100	1.9	B9G	P
QV04-12	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
QV04-15	245 134 200	A1A2	6.3	60	400	250	90		100	100		B7A	PP
QV04-20	241 531 420	A1A2	6	22	400	200	25	4	100	100	4	A08	PP
QV05-25	254 130 000	A1	6	12.5	300	250	83	6.5	100	150	6	UX5	P
QV06-20	125 141 310	A1	6	28	200	200	100	7	100	100		A08	P
QV77	412 361 500		6	2.5	200	200	8	2.5	100	100	2.5	B7G	P
QV77	412 361 500		6	2	250	250	10	7.6	100	100	5	B7G	P
R1	892 300 000		4				30		REC		15mA	B4	RR
R2	892 300 000		4				60		REC		30mA	B4	RR
R3	892 300 000		4(5)				60		REC		30mA	B4	RR
R4	892 300 000		4				60		REC		40mA	B4	RR
R4A	892 300 000		4				60		REC		40mA	B4	RR
R4B	802 300 000		4				60		REC		40mA	B4	R
R10	112 311 100	D1	4				5		D			B7G	R
R11	002 300 000	D1	4				60		REC		20mA	B4	R
R12	023 000 000	D1	6						D			B3G	D
R13A	028 090 310		13				30		REC		15mA	A08	RR
R14	028 193 210		26				120		REC		60mA	A08	RR
R16	123 000 000		1.4						D			B3G	D
R17	**1 23* ***	D1	6				120		REC		40mA	B9A	R
R18	**1 23* ***	D1	6				120		REC		40mA	B9A	R
R19	230 232 032	D1	1.2						D			B9A	D
R20	23* 232 *32	D1	2						D			B9A	R
R41	892 300 000		4				60		REC		20mA	B4	RR
R42	892 300 000		4				60		REC		20mA	B4	RR
R43	892 300 000		4				180		REC		40mA	B4	RR
R52	030 809 020		5				60		REC		20mA	A08	RR
R80	264 300 000		4	24	250		20	4	100		4	UX4	T
R116	026 540 310	G1	10	2.2	200	200	8		100	100		A08	P
R120	026 040 310		6.3		250		60	6.4	100			A08	T
R122N	026 510 310	G1	18		200	200	8	5.5	100	100		A08	P
R123	026 500 310	G1	18		200	200	35	8.5	100	100		A08	P
R125C	026 890 310	G1	18	5.5	250		5	2.5	100		3	A08	DDT
R125N	026 890 310	G1	18		250		5	2.5	100			A08	DDT
R126P	026 510 310	G1	18		200	200	6	1.7	100	100		A08	P
R126N	026 510 310	G1	18		200	200	6	1.7	100	100		A08	P
R128	028 190 310		18						D			A08	DD
R134	026 541 310		18		200	200	18	6	100	100		A08	P
R142	412 360 100		6.3		200	200	10.5	8.5	100	100		B7G	P
R143	412 360 100		6.3		200	200	8	5.5	100	100		B7G	P
R144	412 361 500		6.3	2	250	250	10	7.6	100	100		B7G	P
R145	412 360 100		18		200	200	8	5.5	100	100		B7G	P
R147	412 356 110		18		200	200	18	6	100	100		B8D	P
R148	641 237 410		18		250		10	5.5	100		5.5	B8D	TT
R150	123 141 516		6.3	1.6	150	150	12.5	16	No Data Available			B9A	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
R236	026 510 300	G1	1.2	2	100	100	1	0.5	100	100	0.5	A08	P
R242P	400 123 060		6.3	4.5	150		15	4.3	100		5	B5A	T
R244	402 013 060		6.3		150		13		100			B8D	T
R265	412 360 510		6.3		100	100	7.5	5		100	5	B8D	P
R271	412 163 510		6.3	2	150	125	5.2	3.2	100	100		B8D	P
R290	020 080 030		1.2				5		D			A08	D
R2018	642 310 000		20	2.5	200		2.5	3	100		3	B5	T
R3559	6*2 1*1 413		6.3	1.5	150		25	25	No Data Available			B5D	T
RA	892 310 000		13				30		REC		15mA	B5	RR
RA1	364 200 000		15	4.5	90		4.5	1.2	80		1.2	UX4	T
RB350/80	892 300 000		4				30		REC		15mA	B4	RR
RB500/120	892 300 000		4				60		REC		20mA	B4	RR
RB650/250	892 300 000		4				120		REC		30mA	B4	RR
RC5B	023 008 060	G1	12.6		100		24	6	100		6	B5C	DT
RC5C	023 008 060	G1	2.4		100		24	6	100		6	B5C	DT
RE034	642 300 000		4	3	200		2	1.2	100		1	B4	T
RE052	642 300 000		2	3	150		1	1	100		1	B4	T
RE054	642 300 000		4	4	150		4	1.3	100		1.3	B4	T
RE062	642 300 000		2	9	150		4	1	100		1	B4	T
RE074	642 300 000		4	9	150		3.5	0.9	100		0.9	B4	T
RE074D	642 300 000		4	3	150		3.5	0.5	150		0.5	B5	T
RE074N	642 300 000		4	9	150		3.5	0.9	100		0.9	B4	T
RE076	642 300 000		6	9	150		4	1.5	100		1.4	B4	T
RE084	642 300 000		4	4	150		4	1.5	100		1.5	B4	T
RE114	642 300 000		4	15	150		13	1.3	100		1.3	B4	T
RE122	264 300 000		2	4.5	150		3	1.3	100		1.3	UX4	T
RE122	642 300 000		2	19	150		7	1.2	100		1.2	B4	T
RE124	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
RE134	642 300 000		4	17	250		12	2	100		2	B4	T
RE144	642 300 000		4	9	150		2	0.7	100		0.7	B4	T
RE304	642 300 000		4	32	250		20	1.9	100		2	B4	T
RE402B	064 234 700		2		150		3		100			B7	TT
RE404	642 300 000		3.5		200			0.6	100		1	B4	T
RE604	642 300 000		4	45	250		40	2.5	100			B4	T
RE7704	652 310 000		4		100		2	1.2	100		1.1	B5	P
REN904	642 310 000		4	3.5	200		6	2.4	100		2.4	B5	T
REN914	642 310 000		4	1.5	200		0.2		100			B5	T
REN924	642 310 000		4	3	200		6	2	100		2	B5	DT
REN1004	642 310 000		4		200			1.5	100		1.4	B5	T
REN1104	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
REN1814	642 310 000		20	1.6	200		0.2	1	100		1	B5	T
REN1817D	652 310 000		20		100	100		1.1	100	90	1.1	B5	P
REN1821	642 310 000		20	3	200		6	2.3	100		2.3	B5	T
REN1822	642 310 000		20	18	200		15	1.6	100		1.6	B5	P
REN1826	642 310 000		20	3	200		6	1.8	100		1.8	B5	DT
RENS1204	542 310 000	A1	4	2	200	60	4	1	100	60	1	B5	P
RENS1214	542 310 000	A1	4	2.2	200	100	6	1	100	100		B5	P
RENS1224	164 552 300	G1	4	1.5	200	125	3	0.6	100	100		C7	P
RENS1234	165 452 300	G1	4	2	200	75	3	1.8	100	75	1.8	C7	P
RENS1264	542 310 000	A1	4	2	200	100	3	2	100	100		B5	P
RENS1264B1	542 300 000	A1	4	2	200	100	3	2	100	100		B4	T
RENS1274	542 310 000	A1	4		200	100	3	2	100	100		B5	P
RENS1284	542 310 000	A1	4	2	200	100	3	2.5	100	100		B5	P
RENS1294	542 310 000	A1	4	2	200	100	4.5	2	100	100		B5	P
RENS1374D	642 310 000	G2	4	18	250	250	24	2.5	100	100		B5	P
RENS1384	642 310 000	G1	4	22	250	250	36	2.8	100	150	2.9	B5	P
RENS1818	542 310 000	A1	20	2	200	100	3	2	100	100		B5	P
RENS1819	542 310 000	A1	20		200	60	4	1	100	60		B5	P
RENS1820	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5	P
RENS1823D	642 310 000	G2	20	18	200	200	20	1.7	100	100		B5	P
RENS1884	542 310 000	G2	20	2	200	100	3	2.4	100	100		B5	P
RENS1894	542 310 000	G2	20	2.2	200	100	4	1.8	100	100		B5	P
RES094	542 300 000	A1	4	2	200	75	4	7	100	75		B5	P
RES105	642 300 000	G1	5	15	200	150	12	1.3	150	100	1.3	B4	P
RES164	542 350 000		4	11.5	250	75	12	1.4	100	75		B5	P
RES174D	642 300 000	G2	4	19	250	150	12	1.3	100	100		B4	P
RES212	642 350 000		2	4.4	150	125	6	2.2	150	100	2.2	B5	P
RES364	542 350 000		4	2.5	300	200	20	1.7	100	100		B5	P
RES374	642 350 000		4	42	300	200	20	1.5	No Data Available			B5	P
RES664D	642 350 000		4	40	400	200	30	1.9	100	100	1.9	B5	P
RES964	642 350 000		4	15	250	250	36	2.8	No Data Available			B5	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
KPG5	003 200 000	D1	6						D			P8	R
RPP8/14	041 231 500	A1	4	20	400	250	35	4	100	150	4	B7	P
RPP8/14	542 310 000	A1	4	20	400	250	35	4	100	150	4	B5	P
RG250/1000	002 300 000	D1	4				120		REC		30mA	B4	R
RG250/3000	280 300 000		2.5				120		REC		30mA	UX4	R
RGN354	802 300 000		4				15		D			B4	R
RGN504	892 300 000		4				15		D			B4	RR
RGN564	802 300 000		4				30		REC	15mA		B4	RR
RGN1054	892 300 000		4				30		REC	15mA		B4	RR
RGN1064	892 300 000		4				30		REC	15mA		B4	RR
RGN1074	892 300 000		4				60		REC	20mA		B4	RR
RGN1304	802 300 000		4				60		REC	20mA		B4	R
RGN1404	082 300 000		4				120		REC	20mA		B4	R
RGN1503	892 300 000		2.5				30		REC	15mA		B4	RR
RGN2004	892 300 000		4				60		REC	20mA		B4	RR
RGN2504	892 300 000		4				60		REC	20mA		B4	RR
RGN4004	892 300 000		4				120		REC	20mA		B4	RR
RH	061 231 500	G1	4	1.7	250	100	7.9	7	200	100	7.4	B7	P
RK10	265 300 000		7.5	100	350		50		No Data Available			UX4	T
RK15	264 300 000		2.5	33	250		22	2.3	100		2.3	UX4	T
RK16	264 130 000		2.5	28	250		26	2.6	100		2.6	B5	T
RK19	200 300 000	D1D2	7.5				120		REC	30mA		UX4	RR
RK21	200 300 000	D1	2.5				120		REC	30mA		UX4	R
RK24	364 200 000		2	13.5	200		8	1.6	100		1.6	UX4	T
RK39	254 130 000	A1	6	14	300	250	83	6.5	100	150		UX5	P
RL60	200 300 000	D1D2	5				120		REC		30mA	UX4	RR
RL2T2	236 400 000		1.9	1.5	100		15	2.4	100		2.4	5AA	T
RL7	265 114 113		6	1.7	250	250	10	7.7	100	150	7	B9G	P
RL12P2	265 114 113		12.6	6	150	150	15	2.3	100	100		B9G	P
RL15A	510 423 206		2.4	20	350	200	57		No Data Available			B9A	P
RL16	241 600 003		6	2.5	250		10	6.5	100		5	B9G	T
RL18	123 000 000		6	3.3	200		7.5	2.9	100		2.9	B3G	T
RL37	244 664 413		6	1.5	250		10	9	100		7	B9G	T
RO337	892 300 000		2.5				30		REC	15mA		B4	RR
RO423	892 300 000		2.5				30		REC	15mA		B4	RR
RO431	892 300 000		4				60		REC	20mA		B4	RR
RO443	892 300 000		4				60		REC	20mA		B4	RR
RO446	892 300 000		4				30		REC	15mA		B4	RR
RO452	892 300 000		4				60		REC	20mA		B4	RR
RO457	892 300 000		4				60		REC	20mA		B4	RR
RO481	802 300 000		4				120		REC		30mA	B4	R
RO534	892 300 000		5				60		REC	20mA		B4	RR
RO771	802 300 000		7.5				120		REC	30mA		B4	R
RRAP	642 300 000		4	2	100		4	1.4	100		2	B4	T
RRBP	642 300 000		4	2.5	100		10	1.2	100		2	B4	T
RS	802 310 000		3				60		REC		20mA	B5	R
RS242	042 300 000		2.5				10		100				
RS1009	245 134 200	A1A2	6	25	400	250	30	3.4	100	100		B7A	FP
RS1019	245 134 200	A1A2	6	20	400	250	20	2.5	100	100		B7A	FP
RSAP	542 300 000	A1	4	1	150	75	4.5	1.2	100	75	1.2	B4	T
RT1-2	642 300 000		4	2.6	150		26	2.5	100		2.5	B4	T
RT2	642 300 000		4	4	200		18	1.7	150		1.7	B4	T
RT3	642 300 000		4	2.3	300		15	2.8	100		2.8	B4	T
RTR4141	026 510 310	G1	5.2	3	250	100	2.5	1.2	100	100		A08	P
RTR4142	026 510 310	G1	5.2	8	150	125	15	2.7	100	100		A08	P
RTR4341	061 231 500	G1	21	2.2	150	8	8	8	100	125	8	B4	P
RTR4342	005 231 600	G1	21	5.8	150	125	48	9	100	125	8	B7	P
RV12P2000	450 612 310		12.6	2.3	200	75	1.8	1.5	100	60		B7	P
RV120/250	892 300 000		4				60		REC	20mA		B4	RR
RV120/350	892 300 000		4				60		REC	20mA		B4	RR
RV120/350S	023 080 090		4				60		REC	30mA		BSC	RR
RV120/500	892 300 000		4				60		REC	20mA		B4	RR
RV120/500S	023 080 090		4				60		REC	20mA		BSC	RR
RV200/600	892 300 000		4				120		REC	30mA		B4	RR
RV210	042 310 000	A1	4	53	400		70	5.8	No Data Available			B5	T
RX21	200 030 000	D1	2.5				120		REC		30mA	UX5	R

VALVE	SELECTOR SWITCH No.	T.C.	W	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
RX215	389 200 000		2.5				5		D			UX4	RR
RZ	023 100 080		20				60		REC			8SC	R
S2	542 300 000	A1	2	1	150	60	2.3	1.1	125	60	1.1	B4	P
S2P20	601 225 413		5	10	150	150	28	4.4	100	100		B9A	P
S4V	542 310 000	A1	4	1	200	75	1.5	1.1	100	75	1.1	B5	P
S4VA	542 310 000	A1	4	1.5	200	100	2.8	2	100	100	2	B5	P
S4VB	542 310 000	A1	4	1.5	200	125	4.6	2.5	100	100	2.5	B5	P
S6P12	412 361 500		6	2	250	250	10	7.5	100	100		B7G	P
S6P17	412 361 500		6	5	100	100	12.5	4	100	100		B7G	P
S6P33	412 361 500		6.3	3.3	200	200	7.1	4	100	100		B7G	P
S11A	892 300 000		4				30		REC		15mA	B4	RR
S11D	892 300 000		4				60		REC		20mA	B4	RR
S11E12	*26 541 310		6.3	60	400	300	100	6.3	No Data Available			A08	P
S12	542 300 000	A1	2	1	100	30	2.5	0.7	No Data Available			S94	P
S12	542 300 000	A1	2	1	100	30	2.5	0.7	No Data Available			S94	P
S19G6	*12 3** *00	D1	4				30		REC		15mA	B7G	R
S19G6P	*12 3** *00	D1	4				30		REC		15mA	B7G	R
S21	542 300 000	A1	2		150	75	3.6	1.1	100	75	1.1	B4	P
S22	542 300 000	A1	2		150	75	4	1.7	125	75	1.7	B4	P
S23	542 300 000	A1	2	1.5	150	75	2.8	1.1	150	75	1.1	B4	P
S24	542 300 000	A1	2	1	150	75	3.2	1.4	150	75	1.4	B4	P
S30C	642 300 000		4	38	300		50	5	100		5	B4	T
S30D	642 300 000		2	38	300		50	5	100		5	B4	T
S207	542 300 000	A1	2	1.5	200	100	3	0.7	100	100	0.7	B4	P
S208	542 3000 000	A1	2		200	100	2	0.8	100	100	0.8	B4	P
S209	023 010 560	G1	2	0.5	150	125	2.4	0.7	125	125	0.7	8SC	P
S210	642 300 000	G2	2	1.5	150	90	3	1.2	100	90	1	B4	P
S213	542 300 000	A1	2	0.5	150	90	3	1.3	100	90	1.3	B4	P
S215	542 300 000	A1	1	1	150	90		0.9	100	90	1.5	B4	P
S215A	542 300 000	A1	2	1	150	60	2	1.1	150	60	1.1	B4	P
S215B	542 300 000	A1	2	1	150	60	1.5	1.2	150	60	1.2	B4	P
S215VM	542 300 000	A1	2	1.4	150	60	1	0.8	150	60	1.4	B4	P
S217	041 230 500	A1	2	0.5	150	150	2.5	1.7	150	150	1.7	B7	P
S217	542 300 000	A1	2	0.5	150	150	2.3	1.7	100	150	1.7	B4	P
S218	041 230 500	A1	2	0.5	150	150	3	1.9	100	150	1.8	B7	P
S220	542 300 000	A1	2		150	75	4	1.1	150	75	1.1	B4	P
S310A	265 113 000	G1	10	3	150	150	5.5	1.9	100	100	1.9	UX6	P
S311A	265 130 000	G1	10	15	150	150	30	2.8	100	100	2.8	UX5	P
S328A	265 113 000	G1	7.5	3	150	150	5.5	1.9	100	100	1.9	UX6	P
S329A	265 130 000	G1	7.5	15	150	150	30	2.8	100	100	2.8	UX5	P
S329L	265 113 000	G1	7.5	50	150	125	30	2.8	No Data Available			UX6	P
S406/7	542 300 000	A1	4	2	200	150	1.5	1	100	100	1	B4	P
S408	542 300 000	A1	4	1.5	200	75	4	0.7	100	75		B4	P
S409	542 300 000	A1	4	1.5	200	75	4	8.8	100	75		B4	P
S410	542 300 000	A1	4	1.5	200	75	4	1	100	75		B4	P
S410N	542 310 000	A1	4	2	200	60	4	1	100	60	1	B5	P
S412N	542 310 000	A1	4	1.3	200	100	1.5	1	100	100	1	B5	P
S415N	542 310 000	A1	4	2	200	100	6	1	100	100	1	B5	P
S420	061 231 500	G1	4	3	250	250	11.5		100	200		B7	P
S423	023 110 560	G1	4	3	250	100	8	1.8	250	100	1.9	8SC	P
S424	023 110 560	G1	4	2	250	100	3	2.1	250	100	2.1	8SC	P
S430N	542 310 000	A1	4	1.3	200	100	1.5	0.9	100	100	3	B5	P
S431N	542 310 000	A1	4	1.5	250	100	3	2	100	100		B5	P
S432N	023 110 560	G1	4	3	250	100	2.5	2.2	100	100		8SC	P
S434N	542 310 000	A1	4	2	200	100	4.5	2.3	100	100	2.3	B5	P
S434N	041 231 500	A1	4	1.5	200	100	4.5	2	100	100	2	B7	P
S435N	041 231 500	A1	4	2	200	100	3	2.3	200	100	2.3	B7	P
S435N	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P
S440	061 231 500	G1	4	2.4	250	250	4.1	3.5	100	200	3.4	B7	P
S493	542 310 000	A1	4	2	200	100	4		100	100		B5	P
S495	542 310 000	A1	4	2	200	100	6	2.5	100	100	2.5	B4	P
S617	023 110 560	G1	6.3	3	250	100	2.5	2.2	100	100		8SC	P
S620	023 110 560	G1	6.3	2.5	250	100	3.5	2	100	100		8SC	P
S629	023 110 560	G1	6.3	2.5	250	100	3.5	2	100	100		8SC	P
S1323	061 231 500	G1	13	3	200	100	8	1.9	100	100	1.9	B7	P
S1323	023 110 560	G1	13	3	200	100	8	1.9	100	100	1.9	8SC	P
S1324	061 231 500	G1	13	2	200	100	3	2.4	100	100	2.3	B7	P
S1327	023 110 560	G1	13	2.5	250	100	3.5	2	100	100		8SC	P
S1328	023 110 560	G1	13	2	200	100	3	2.4	100	100	2.3	8SC	P
S2010N	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5	P
S2012N	542 310 000	A1	20	2	200	60	4	1	150	60	1	B5	P
S2018	041 231 500	A1	20	3	200	60	4	1.2	100	60	1.2	B7	P
S2018	542 310 000	A1	20	3	200	60	4	1.2	100	60	1.2	B5	P
S2030N	542 310 000	A1	20	2	200	100	3	2	150	100	2	B5	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
S2035N	542 310 000	A1	20	2.5	250	100	3.5	2	100	100		B5	P
S2043	542 310 000	A1	20	2.5	250	100	5	2	100	100		B5	P
S4020A	254 300 000		2	1	150		1.3	0.6	100		0.6	UX4	T
S4020B	642 300 000		2	1	150		1.3	0.6	100		0.6	UX4	T
S4021A	264 300 000		4	8	150		20	3	100		3	UX4	T
S4021B	642 300 000		4	8	150		20	3	100		3	B4	T
S4022AR	236 400 000		4	4.5	150		5	2.2	100		2.2	UX4	T
S4022B	642 300 000		4	4.5	150		5	2.2	100		2.2	B4	T
S4045A	642 350 000		5	70	250	75	45	1.5	100	60	1.5	B5	P
SD	892 310 000		5						D			B5	DD
SD2	642 300 000		2	1.5	150		2.2	1.4	150			B4	T
RD6	*82 310 *00		6				5		D			B4	T
SD61	123 000 000	D1	6						6mA			B7G	R
SD917A	402 013 060		6.3	3.6	100		1.4	2.7	D			B3G	D
SE211	542 300 000	A1	2	1	150	75	1	1.5	100	75	2.7	B8A	T
			2						150		1.5	B4	P
SE211C	542 300 000	A1	2	1	150	75	1	1.5	150	75	1.5	B4	P
SE2018	542 310 000	A1	20	3	200	60	4	1.2	100	60	1.2	B5	P
SE2118	542 310 000	A1	20	24	200	100	3		100	60	3	B5	P
SG2	542 300 000	A1	2		150	75	2.5	1	100	75	1	B4	P
SG215	542 300 000	A1	2	1.5	150	75	2.7	1	100	60	1	B4	P
SG215VM	542 300 000		2		150	75		1.5	125	80	1.4	B4	P
SG220SV	652 300 000	G1	2	1.5	150	75	2.4	1.5	150	75	1.5	B4	P
SG2150	542 300 000	A1	2	1.5	150	75	1.5	1.1	125	60	1.1	B4	P
SGA1	542 310 000	A1	4		200	100	6	3	100	100	3	B5	P
SN954	082 813 080		6.3				30		REC		15mA	B8A	R
SN956B	023 990 000		1.2						D			B3G	D
SN1039A	412 365 100		6.3	1.4	100	100	7	5.1	100	100	5	B7G	P
SO1	264 300 000		15	40.5	200		21	1.5	100		1.5	UX4	T
S02	264 300 000		7.4	88	400		55	2.1	100		2.1	UX4	T
SP2	041 230 500	A1	2		150	150	3	1.8	150	150	1.8	B7	P
SP2B	061 230 500	G1	2	1	150	150	2.6	0.8	150	150	0.8	B7	P
SP2BS	032 004 560		2	0.5	150	150	2.6	0.8	150	150	0.8	B8C	P
SP2D	061 230 500	G1	2	1	150	150	1.4	1.7	150	150	1.7	B7	P
SP2D	542 300 000	A1	2	1	150	125	1.5	1.7	125	100	1.7	B4	P
SP2V	041 230 500	A1	2		150	75	2.9	1.1	100	75	1	B7	P
SP4 (TUNG)	061 231 500	G1	4	2	200	100	3	2.3	100	100	2.3	B7	P
SP4 (MUL)	041 231 500	A1	4	2	200	100	3	2.3	100	100	2	B7	P
SP4	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P
SP4A	041 231 500	A1	4	2	250	100	3	2.4	100	100	2.4	B7	P
SP4B	061 231 500	G1	4	2.4	250	250	4	3.4	100	100	3.4	B7	P
SP4C	023 110 560	G1	4	2.4	250	250	4	3.4	100	100	3.4	B8C	P
SP4S	023 110 560	G1	4	2	250	100	3	2.5	100	150	2.5	B8C	P
SP6	412 361 500		6	1.5	200	150	10	7.5	100	PenlF	5	B7G	P
SP6S	023 110 560	G1	6	2	250	100	3	6.4	100	PenlF	5	B8C	P
SP13	061 231 500	A1	13	2	200	100	3.3	2.2	100	100	2.2	B7	P
SP13	023 110 560	G1	13	2	200	100	3.3	2.2	100	100	2.2	B8C	P
SP13C	061 231 500	G1	13	2.2	200	200	2.5	2.8	100	150	2.8	B7	P
SP13S	023 110 560	G1	13	2	150	100	3	2.4	100	100	2.4	B8C	P
SP20	542 310 000	A1	20		200	100	4.5	3.5	100	100	3.5	B5	P
SP22	206 510 030	G1	2	1	150	125	1.1	1.2	125	100	1.2	M08	P
SP35	023 110 560	G1	35	8	200	200	41	7	100	150	7	B8C	P
SP41	216 510 030	G1	4	1.5	200	200	10.9	8.5	100	150	8	M08	P
SP42	216 510 030	G1	4	1.3	200	125	20	8.4	100	100	8	M08	P
SP61	216 510 030	G1	6	1.5	200	200	10.9	8.5	100	150	8	M08	P
SP62	216 510 030	G1	6	1.3	200	100	16	9	200	100	8	M08	P
SP65	023 110 560	G1	6	2	250	100	3	2.1	100	100	2.1	B8C	P
SP141	206 500 030	G1	1.4	1	90	90	1.3	0.8	80	90	0.8	M07	P
SP181	216 510 030	G1	18	1.5	200	200	10.9	8.5	100	150	8	M08	P
SP210	041 230 500	A1	2	1	125	125	1.1	1.2	125	100	1.2	B7	P
SP215	041 230 500	A1	2	1.5	150	80	2.1	1.6	100	75	1.6	B7	P
SP220	642 300 000		2	12	150		14	3	100		3	B4	T
SP514	402 106 053		6.3	1.7	150	150	12.3	13.5	No Data Available			B9A	P
SP1320	041 231 500	A1	13	1.5	150	100	4.4	2	100	100	2	B7	P
SP2220	041 231 500	A1	22	3	250	200	4.9	2.7	100	150	2.6	B7	P
SPTA	061 231 400	G1	13	2.5	250	100	2.2	1.4	100	100		B7	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
SPT2	041 230 500	A1	2	1	125	125	2.8	1.5	125	100	1.5	B7	P
SPT4A	041 231 500	A1	4	1.5	250	100	2	2.3	200	100	2.3	B7	P
SPTA	041 231 500		13	2.5	200	100	2.2	1.4	100	100		B7	P
SPTS	041 231 500	A1	13	1.5	250	100	2	3	100	100	3	B7	P
SR2	642 300 000		2	16	200		10	3	100		3	B4	T
SR4	642 310 000		4	20	250		20	4	100		4	B5	T
SRS4451	245 134 200	A1A2	6	25	400	250	30	3.4	No Data Available			B7A	FP
SS210	542 300 000	A1	2	1	150	75	0.6	1.4	150	75	1.4	B4	P
SS210C	542 300 000	A1	2	1	150	175	0.6	1.4	150	75	1.4	B4	P
SS210D	642 300 000		2	4.5	150		2	1.6	100		1.6	B4	T
SS210DDT	682 390 000		2	5.5	150		2.4	1.4	100		1.4	B5	DDT
SS210KF	642 300 000	G1	2	4	150		1	0.8	100		0.8	B4	T
SS210KL	642 300 000		2	1.5	150		21.4	12.5			1.4	B4	T
SS220P	642 300 000		2	12	150		6	1.5	100		1.5	B4	T
SS220PA	642 300 000		2	6	150		8	3.5	100		3.5	B4	T
SS220SP	642 300 000		2	12	150		14	3.5	100		3.5	B4	T
SS240SP	642 300 000		2	12	150		15	3.5	100		3.5	B4	T
SS2018	542 310 000	A1	20	3	200	100	3	3	100	90	3	B5	P
ST507	602 441 443		6.3	1.2	150		23	25	No Data Available			B9A	T
SU25	*2* 0** 3*0	D1	2						D	No Data Available			A08 D
SU42	030 000 020	D1	4						D			A08	R
SU45	112 311 100	D1	4				30		REC		15mA	B7G	R
SU61	023 000 000	D1	6						D			B3G	D
SU2130	002 300 000	D1	2				2		D			B4	R
SU2150	002 300 000	D1	2(2.5)				2		D			B4	R
SU2150A	002 300 000	D1	2(2.5)				5		D		2mA	B4	RR
SU3130	002 300 000	D1	2						D			B4	D
SV1	802 300 000		4				30		REC		15mA	B4	R
SWG2	652 300 000	G1	2		150	75		1.5	100	75	1.5	B4	P
T2	642 300 000		2	1	100			1	100		1	B4	T
T2M05	672 344 100		6	0.85 3	100 150		8.5 5	5.3 4.5	100 100		5.3 5.3	B7G	TT
T4D	123 000 000	D1	4						D			B3G	D
T5D	123 000 000	D1	6						D			B3G	D
T6D	213 000 000	D1	6.3						D			B3G	R
T13U	023 100 060	G1	13	4	200		5.9	2.6	100		2.6	B8C	T
T41	216 040 030		4		100		30	2kΩ	No Data Available			M08	THY
T113	642 300 000	G2	3	3	12	12	0.2	0.2	No Data Available			B4	P
T116	642 300 000	G2	1.2	3	12	12	0.2	0.2	No Data Available			B4	P
T134	542 300 000	A1	4	1	150	75		1.3	100	75		B4	P
T136	642 300 000		4	8	200		6	1.6	100		1.6	B4	T
T151	642 300 000	G2	4	15	200	150	12	1.8	100	100		B4	P
T204	023 004 060		2	1	150		1.8	0.6	125		0.6	B8C	T
T223	023 004 060		2	2.8	125		3	2.5	100		2.5	B8C	T
T435	023 100 060	G1	4	5	250		6	2.5	100		2.4	B8C	T
T460	023 004 060		4	45	250		60	6	100		6	B8C	T
T635	023 100 060	G1	6.3	16	250		20	2.2	100		3	B8C	T
T1335	023 100 060	G1	13	4.5	225		6	2.5	100		2.4	B8C	T
TB13	802 310 000		13						D			B5	D
TB032	642 300 000		2	30	150		12	1.5	100		1.5	B4	T
TB052	642 300 000		2	15	150		7	1.2	100		1.2	B4	T
TB062	642 300 000		2	10.5	150		13	2	100		2	B4	T
TB102	642 300 000		2	4	150		5	1.3	100		1.2	B4	T
TB122	642 300 000		2	4.5	150		6	3.5	100		3.5	B4	T
TB172	642 300 000		2	4.5	150		4	1.4	100		1.4	B4	T
TB282	642 300 000		2	1.5	150		2	1.3	125		1.3	B4	T
TB402	446 230 700		4		150		6		150			B7	TT
TB452	542 300 000	A1	2		150	75	2	1.5	150	75	1.5	B4	P
TB552	542 300 000	A1	2		150	75	4	1.5	150	75	1.5	B4	P
TB622	542 300 000	A1	2		150	90	2	1.4	100	90	1.4	B4	P
TB9920	642 310 000		20	1.5	200		0.2	4	150		4	B5	T
TBC14	809 231 600	G1	4	7	250		4	2	100		2	B7	DDT
TBC113	809 231 600	G1	13	5	200		4	3.6	100		3.6	B7	DDT
TD05-25	642 300 000		4		400		65	2.2	No Data Available			B4	T
TD432	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
TD432	642 300 000	G2	2	4.5	150	150	9.5	2.5	100	100	2.5	B4	P
TD05-12	*21 010 310	A1G1	6		150		10	4	100			A08	T
TD044	642 300 000		4	40	250		40	3	100		3	B4	T
TD2	642 300 000		2	7	150		4	0.9	100		0.9	B4	T
TD01C	023 189 060		13	5	200		4	2	100		2	B7	DDT
TD02	682 390 000	G1	2	5.5	150		2.5	1.4	100		1.4	B5	DDT
TD02A	682 390 000	G1	2	1.5	150		2	1.2	125		1.2	B5	DDT

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
TBD4	908 231 600	G1	4	7	250		4	2	100			B7	DDT
TBD13	023 189 060	G1	13	1	100			2.9	100		2.9	B8C	DDT
TBD13C	809 231 600	G1	13	5	200		4	2	100		2	B7	DDT
TBD25	809 231 600	G1	25	1	100			2	100		2	B7	DDT
TE2	028 090 310		26				30		REC		15mA	A08	RR
TE3	028 090 310		12				30		REC		15mA	A08	RR
TE5	028 090 310		6.3				30		REC		15mA	A08	RR
TE094	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
TE104	642 300 000		4	26	400		61	4	100		4	B4	T
TE244	642 310 000		4	3.5	200		6	2.4	150		2.4	B5	T
TE384	642 310 000		4	2	200		3	1.5	150		1.5	B5	T
TE424	542 310 000	A1	4		200	100	3	2	100	100	2	B5	P
TE434	642 350 000		4	14	250	250	36		100	150		B5	P
TE464	041 231 500	A1	4		200	100	3	2.5	100	100	2.5	B7	P
TE474	041 231 500	A1	4		1.5	200	100	4.5	2	100	2	B7	P
TE534	642 310 000	G2	4	15	250	250	24		100	150		B5	P
TE564	041 231 500	A1	4	1.5	200	100	4.5	2.2	100	100	3.2	B7	P
TE634	045 231 600		4	22	250	250	36		100	100		B7	P
TE994	642 310 000		4	1.6	250		4	4	200		4	B5	T
TP64	061 231 500	G1	4	2.7	250	250	11	2	200	150	2	B7	P
TP104	642 300 000		4	36	400		61	4	100		4	B4	T
TH1	276 454 300		6.3		100		4		100			B8B	TH
TH2	645 230 700	G1	2	1.5	150		0.95	1.2	100	60	1.2	B7	TH
TH4	645 231 700	G1	4	1.5	250	75	4	1.2	125	60	0.7		
TH4A	645 231 700	G1	4	2	200	100	3.5		150	60	1.2	B7	TH
				4.6	100		5	2.0	200	75	3.0		
				2	250	100	3.5		200	100	3.0	B7	TH
TH4B	645 231 700	G1	4	3	100		9	3.8	100	60	5.5	B7	TH
				2.5	250	100	3.25		200	100	3.5		
TH13C	645 231 700	G1	13	2	150		6	1.2	100	60	1.2	B7	TH
				1.5	250	75	4.0	1.8	200	75	3.6		
TH21C	645 231 700	G1	21	2	150		6	1.2	100	60	1.2	B7	TH
				1.5	250	75	4	1.8	200	75	3.0		
TH22C	645 231 700	G1	29		150		5	6	100	60	5	B7	TH
				2	250	100	3.5		200	75	3.0		
TH29	645 231 700	G1	29	2	100		12.0	4.5	100	60	5	B7	TH
				2	250	100	3.5		200	75	3.0		
TH30	645 231 700	G1	30	2	100		9.5	5.5	100	60	5.5	B7	TH
					150				100	60			
TH30C	645 231 700	G1	29	2.5	250	100	3.5		100	100		B7	TH
					250	100	3.25		100	100			
TH31	217 640 530	G1	4	3	100		10.2	4	100	60	5.3	M08	TH
				3	250	100	3	3	100	90	3		
TH41	217 640 530	G1	4	3	100		10.2	4	100	60	5.3	M08	TH
				3	250	100	3	3.1	100	100	3.1		
TH62	027 546 310	G1	6	2	100		4.4	2.4	100	60	2.2	A08	TH
				2	250	100	3		200	100	1.2		
TH232	645 231 700		23		75		4.5		100	60		B7	TH
				3	150	100	3		100	100			
TH233	217 640 530	G1	23	2	100		14	2.1	100	60	4		
				2	150	100	2.6	3	100	90	3	M08	TH
TH401	174 652 300	G1	4	2	150		11	2	100	60	2		
				2	75	75	2.5		80	75		CT	TH
TH2320	645 231 700	G1	23	3	100		4.5	5.3	100	60	5.3	B7	TH
					150	100	3		100	100	3.8		
TH2321	645 231 700	G1	23	2	100		4	5.2	100	60	5.3	B7	TH
					150	100	2.6	3	100	100	3		
TH2620	645 231 700	G1	26	1	100			5.3	100	60	5.3	B7	TH
				1	250	100		3.9	250	100	3.5		
φTM05	672 344 100		6	0.8	100		8.5	5.3	100			B7G	TT
				3	150		5	4.5	100		5.3		
TM12	412 344 600		6.3		150		15	12	No Data Available			B7G	T
TP4	571 231 640	G1	4	3	150		1.5	1.4	100	60	1.4	B9	TP
				5	250	200	5.5	1.6	200	150	1.5		
TP22	571 230 640	G1	2	1	100		0.8	1.2	100	60	1.4	B9	TP
				1	150	60	1.2	1	150	60	1.3		

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 180					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
TP23	645 230 700	G1	2	{ 1	100		4.5	2.1	100	60	2.1	B7	TP
TP25	207 640 530	G1	2	{ 1.5	150	60	1	1	125	60	1.2		
TP26	207 640 530	G1	2	{ 1	100	60	1	1	100	60	1.7	MO8	TP
TP230	561 230 740	G1	2	{ 1.5	150		2.2	1.5	125	60	1		
TP443	642 350 000		4	{ 1	150	75	1.5	1.5	125	75	1.5	MO8	TP
TP1340	571 231 640	G1	13	{ 1	100		20	1.1	100	60	1.1	B9	TP
TP2620	571 231 640	G1	26	{ 4.3	150	75	4.3	1.3	150	75	1.3		
TS49	261 504 130		20	{ 22	250	250	36	5	100	150	5	B5	P
TS51	412 365 100		6	{ 6	200		2	1.4	150	60	1.4	B9	TP
TS52	672 344 100		6	{ 2.5	250		6.5	2.1	100	100			
TS53	541 236 **1		18	{ 4	250	200	6.5	3.4	100	60	1.4	B9	TP
TS54	541 236 **1		6.3	{ 2.5	250	150	15	6	100	100	5.2	B8B	P
TSE4	061 231 500	G1	4	{ 2.3	150	150	7	4.3	100	100	4	B7G	P
TSP4	061 231 500	G1	4	{ 0.8	100		8.5	5.3	100		5.3	B7G	TT
TT2	222 833 390		4.4	{ 3	150		5	4.5	100		5.3		
TT4	642 310 000		4	{ 1.8	200	100	15	10	100	100	8	B9A	P
TT4A	642 310 000		4	{ 1.7	200	125	10	9	100	100	8	B9A	P
TT11	020 450 310	A1	6	{ 2.5	250	150	8	14.5	100	100		B7	P
TT12	204 531 102	A1	19	{ 2.5	200	200	8	4.7	100	150	4.7	B7	P
TT14	204 051 103	A1	6	{ 2.5	200	200	8	4.7	100	150	4.7	AO8	DD
TT15	241 657 143		6	{ 16	250	150	30	3.2	100		3.2	B5	T
TT19	241 657 143		19	{ 9	250		20	4.1	100		4.1	B5	T
TT20	245 134 200	A1A2	6	{ 11	250	150	30	3.5	100	100	3.5	AO8	P
TT21	020 540 310	A1	6.3	{ 13	250	250	72	6	100	100	6	B9G	P
TT22	020 540 310	A1	12.6	{ 13	250	250	72	6	100	100	6	B9G	P
TT23	414 226 573		6.3	{ 250	200	30	3.3	100	100			B9A	PP
TT24	414 226 573		6.3	{ 250	200	30	3.3	100	100			B9A	PP
TT25	245 617 342	A1A2	6.3	{ 400	250	30	3.4	No Data Available				B7A	PP
TT210	023 074 460		2	{ 150		1.5		No Data Available				B7A	PP
TT23-10	442 310 000	A1A2	6	{ 17	300		17	3.2	100		3	B5	TT
TV1	802 310 000		20	{ 60			60		REC		20mA	B5	R
TV2	892 310 000		30	{ 60			60		REC		20mA	B5	RR
TX4	645 231 700	G1	4	{ 5	150		9	1.5	150	60		B7	TH
TX21	645 231 700	G1	21	{ 1.5	300	90	5.5	2.5	200	90			
TX41	645 231 700	G1	4	{ 2	150		15	2.5	100	60	1.5	B7	TH
TX86P	23* 232, *32	D1	7.5	{ 1.5	250	90	5.5	3.8	200	75	3	B7	TH
TZ40	204 300 000	A1	7.5	{ 3	100		9		250	100		B9A	R
U4C	642 300 000		4	{ 2.5	250	100	3.2		D			UX4	T
U4E	642 300 000		4	{ 1	100		0.4	100		0.4			
U4F	642 300 000		4	{ 12	200		35	3.2	100		3.2	B4	T
U5	892 300 000		5	{ 40	400		45	4	No Data Available			B4	T
U8	892 300 000		7.5	{ 40	400		45	4	No Data Available			B4	T
U9	892 300 000		4	{ 15			15		REC		15mA	B4	RR
U10	892 300 000		4	{ 60			60		REC		20mA	B4	RR
U12	892 300 000		4(5)	{ 60			60		REC		30mA	B4	RR
U12/14	892 300 000		4(5)	{ 60			60		REC		20mA	B4	RR
U14	892 300 000		4	{ 60			60		REC		20mA	B4	RR
U15	802 300 000		6	{ 120			120		REC		30mA	B4	R
U16	002 300 000	D1	2	{ 5			5		REC		5mA	B4	R
U17	002 300 000	D1	5	{ 30			30		REC		15mA	B4	R
U18	892 300 000		4(5)	{ 120			120		REC		30mA	B4	RR
U18/20	892 300 000		4(5)	{ 120			120		REC		30mA	B4	RR
U19	002 300 000	D1	4(5)	{ 120			120		REC		40mA	B4	R
U19/23	002 300 000	D1	4	{ 120			120		REC		30mA	B4	R
U20	892 300 000		4(5)	{ 60			60		REC		20mA	B4	RR
U21	002 300 000	D1	2	{ 5			5		REC		5mA	B4	R
U22	200 000 030	D1	2(3)	{ 5			5		D			MO8	R
U22PH	200 000 030	D1	2	{ D					D			MO8	D
U23	002 300 000	D1	4(5)	{ 120			120		REC		30mA	B4	R
U24	030 000 200	D1	2	{ 1			1		REC		2mA	AO8	R
U25	023 000 000	D1	2	{ D					D			B3G	D
U26	391 221 800		13	{ 60			60		REC		20mA	B7	RR
U26	231 232 132	D1	2	{ D					D			B9A	D
U27	002 300 000	D1	4	{ 30			30		REC		15mA	B4	R
U29	002 300 000	D1	2	{ 15			15		REC		30mA	B5	R
U30	391 221 800		13	{ 60			60		REC		30mA	B7	RR
U30/250	802 300 000		4	{ 30			30		REC		15mA	B4	R

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
U31	020 080 310		26				120		REC		50mA	A08	R
U33	002 300 000	D1	2				3		D			B4	R
U35	020 000 030	D1	1.4				2		D			A08	R
U37	023 000 000	D1	1.4				0.5		D			B2G	D
U41	*2* 0*0 3*0	D1	1.2				1		D			A08	D
U43	023 000 000	D1	6					0.5	D			B2G	D
U45	230 000 000	D1	6						D			B3G	R
U47	230 000 000	D1	2						D			B3G	R
U49	230 232 032	D1	2						D			B9A	D
U50	020 908 030		5(5.7)				60		REC		30mA	A08	RR
U51	030 908 020		5				120		REC		30mA	A08	RR
U52	030 908 020		5(5.7)				120		REC		30mA	A08	RR
U52IT	008 090 230		5(5.7)				120		REC		30mA	A08	RR
U54	030 908 020		5(5.7)				120		REC		30mA	A08	RR
U60	*2* *** 3*0	D1	6.3						D			A08	D
U60/500	892 300 000		4				60		REC		20mA	B4	R
U65/550	802 300 000		7.5				60		REC		20mA	B4	R
U70	028 090 310		6				30		REC		30mA	A08	RR
U71	020 080 310		30				60		REC		50mA	A08	R
U74	020 080 310		30				120		REC		30mA	A08	R
U76	020 080 310		30				120		REC		60mA	A08	R
U77	*20 809 020		5				180		REC		40mA	A08	RR
U78	802 309 100		6				30		REC		30mA	B7G	RR
U81	009 008 230		6				60		REC		20mA	B8B	RR
U82	209 008 130		6				30		REC		30mA	B8B	RR
U84	009 *** 230		4				30		REC		15mA	B8B	RR
U101	280 008 130		50				120		REC		30mA	B8B	R
U107	281 008 300		40				60		REC		20mA	B7G	R
U118	280 *** 130		40				60		REC		25mA	B8A	R
U119	**1 23* **8		38				120		REC		30mA	B9A	R
U120/500	892 300 000		2				120		REC		30mA	B4	R
U134	028 190 310		13				60		REC		20mA	A08	RR
U142	280 000 130		31				60		REC		20mA	B8A	R
U143	020 908 030		4				30		REC		15mA	A08	RR
U145	280 000 130		40				60		REC		60mA	B8A	R
U147	028 090 310		6				30		REC		30mA	A08	RR
U149	209 008 130		6				30		REC		15mA	B8B	RR
U150	280 009 130		6				30		REC		40mA	B8A	RR
U151	023 000 000	D1	6						D			B3G	D
U152	001 230 008		19				120		REC		70mA	B9A	R
U153	*** 23* **8	C	17				120		REC		60mA	B9A	R
U154	**1 23* **8		19				120		REC		70mA	B9A	RR
U191	0** 080 230	C1	19				120		REC			A08	R
U192	**1 23* **8		19				120		REC		30mA	B9A	R
U193	*** 23* **8	C1	19				120		REC		40mA	B9A	R
U201	020 080 310		20				60		REC		60mA	A08	R
U251	*** 23* **8	C	25				120		REC		30mA	B9A	R
U281	020 080 310		28				120		REC		80mA	A08	R
U282	001 000 230	D1	28				120		REC		36mA	A08	R
U291	028 08* 310		29				180		REC		40mA	A08	R
U301	0** 080 230	C	30				120		REC		35	A08	R
U309	**1 23* **8		20				120		REC		70mA	B9A	R
U319	**1 23* **8		20				120		REC		70mA	B9A	R
U329	*** 23* **8	C	25				120		REC		60mA	B9A	R
U339	0** 080 230		19				120		REC		35mA	A08	R
U381	**1 23* **8		38				120		REC		30mA	B9A	R
U403	201 080 030		40				120		REC		70mA	M08	R
U404	280 *** 130		40				60		REC		60mA	B8A	R
U415	642 300 000		4	10.5	150		5	1.4	100		1.4	B4	T
U418	642 300 000		4	13	150		10	1.6	100		1.6	B4	T
U650	802 300 000		6				30		REC		15mA	B4	R
U709	8*1 23* 9**		6				60		REC		20mA	B9A	RR
U718	29* **8 130		6.3				60		REC		25mA	B8A	RR
U801	128 899 310		80				120		REC		30mA	A08	RR
U2140P	391 221 800		13				60		REC		20mA	B7	RR
U4020	802 310 000		40				120		REC		70mA	B5	R
UA55	625 414 537		55	6	90	90	36	7	80	90		B9A	PF

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
UAA11	023 189 100		22				5		D			BSC	DD
UAA91	182 310 900		19				5		D			B7G	RR
UAA171	120 813 090		25				5		D			B8B	DD
UABC80	181 239 146		28	1	100		0.8	1.4	100		1.4	B9A	DDDT
UAF21	265 814 130		20	2	250	100	6	2.8	100	100		B9A	DP
UAF41	268 154 130		13	2	200	90	5	2	100	100	1.9	B8A	DP
UAF42	268 154 130		13	2	200	90	5	2	100	100	1.9	B8A	DP
UB41	201 908 130		19				5		D		6mA	B8A	RR
UB91	182 310 900		19						D			B7G	DD
UBC1	206 081 930	G1	13	1.7	200		3	2	150		2	A08	DDT
UBC41	264 098 130		14	1.6	200		1.5	1.6	150		1.6	B8A	DDT
UBC81	641 238 09*		14	1.5	200		1.5	1.6	100		1.4	B9A	DDT
UBF2	206 581 930	G1	12.5	2	250	100	5	1.8	100	150	1.8	A08	DDP
UBF11	892 361 450		20	2	200	75	5	1.8	200	75	1.8	FB	DDP
UBF15	892 361 450		27	2	250	100	12	5	200	100	5	FB	DDP
UBF80	541 236 891		17	2	200	125	5	2.2	100	100	2	B9A	DDP
UBF89	541 236 891		19	2	200	100	9	3.8	100	100	3.5	B9A	DDP
UBF171	892 541 360		20	3.2	250	75	6	1.8	100	75		B8B	DDP
UBL1	206 581 930	G1	55	11.5	200	200	55	8.5	100	100	8	A08	DDP
UBL21	264 598 130		55	13	200	200	55	8	100	100	7	B8B	DDP
UBL3	023 189 560	G1	55	6	100	100	29	7.5	100	90	7	BSC	DDP
UBL71	264 589 130		55	5.2	250	250	44	9.5	100	100	0.7	B8B	DDP
UC88	414 234 464		12		150		12.5	14	No Data Available			B9A	T
UC92	602 304 100		9.5	1	200		11.5	6.4	200		6.4	B7G	T
UC95	142 360 100		10.8	1.2	200		10	10.5	No Data Available			B7G	T
UC96	412 314 600		9.3	1	200		11.5	6.7	100		6	B7G	T
UCB84	147 234 116		21	1.5	90		12	6	100		6	B9A	TT
UCB85	641 237 410		26	2.1	200		10	5.8	100		5	B9A	TT
UCB88	641 237 410		21	1.2	90		15	12.5	No Data Available			B9A	TT
UCB89	146 234 117		21.6	1.2	90		15	12	80			B9A	TT
UCB189	641 237 410		21	1.2	90		15	12.5	No Data Available			B9A	TT
UCF12	642 371 450		20	1	100		3		100	60	3	FB	TP
UCF80	645 237 114		27	2	100	100	5	2	200	100	2		
UCH4	217 544 630	G1	20	2	100	175	10	6.2	100	150	6	B9A	TP
UCH5	123 644 570	G1	20	2	100	100	6		80	150	3.2	A08	TH
UCH11	642 371 450		20	2	200	100	5.2	2.2	100	100	2.2	BSC	TH
UCH21	276 454 131		20	2	100		6.4	2.2	100	60	3.2	B8B	TH
UCH41	276 454 130		14	2	100		6.4	2.2	100	60	2.8	B8A	TH
UCH42	276 454 130		14	2	200	90	2.7	1.5	100	75	1.5	B8A	TH
UCH43	276 454 130		14	2	100		5	2	100	60	2	B8A	TH
UCH71	276 454 131		20	2	200	75	8	2.2	100	75	2	B8A	TH
UCH80	541 23* 764		14.5	2	100		6.4	2.2	100	60	3.2	B8B	TH
UCH81	541 237 164		19	2	200	90	5.2	2.2	100	90	2.2	B8B	TH
UCH717	642 544 370		20	2	100		6.4	2.2	100	60	2.8	B8A	TH
UCL11	452 371 460		60	2.5	200	100	2	0.7	100	100		B8B	TH
UCL81	451 237 614		39	2	200	200	2	2.1	150	60	2	FB	TP
UCL82	414 237 516		50	1	200		3.7	2.5	100	60	2.5	B9A	TP
UCL83	641 237 154		40	1.5	200	175	30	5.5	150	100	5	B9A	TP
UCL84	461 237 145		45	1.7	200	175	3	4	100	60	4	B9A	TP
UCL86	415 237 146		44	1.7	250		1.2	1.6	100	60	1.6	B9A	TP
UD2	642 300 000		2	12	150		14	2.5	100		2.5	B4	T
UDDL71	023 189 560	G1	44	10	200	200	60	9	100	100		BSC	DDP
UDH1	802 310 000		20				60		REC		20mA	B5	R
UDP12	023 180 560	G1	40	10	200	200	60	9	No Data Available			BSC	DP
UDP13	026 580 310	G1	40	10	200	200	60	9	No Data Available			A08	DP
UDT1	023 189 060	G1	15	3	200		10.3	3	150		3	BSC	DDT

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
UE1	023 100 080		25				60		REC		20mA	8SC	R
UE2	123 180 090		50				60		REC		20mA	8SC	RR
UE13	020 080 310		25				60		REC		20mA	A08	R
UE100	208 0*0 130		50						REC			A08	R
UEL11	452 371 560	G	48	6	100	30	2.4	1.6	100	60	1.6	F8	PP
					200	200	22	5		100			
UF5	023 110 560	G1	12.5	2.5	100	100	3.2	2.2	100	100	2.2	8SC	P
UF6	023 110 560	G1	12.5	20	100	100	3	1.8	100	100	1.8	8SC	P
UF8	206 511 130	G1	12	2	200	200		1.6	100	100		B8B	P
UF9	206 501 130	G1	12.5	2.5	200	100	6	2.2	100	100	2.2	A08	P
UF10	023 110 560	G1	12.5	2.4	200	100	5.5	2.4	100	100	2.3	8SC	P
UF11	602 301 450		15	2	200	75	6	2.2	100	100	2	F8	P
UF14	612 350 140		25	5	200	200	12	7	100	100	7	F8	P
UF15	612 301 450		25	2	200	100	12	5.5	100	100	5.5	F8	P
UF21	265 104 130		12.5	2.5	200	100	6	2.2	100	100	2.2	B8B	P
UF41	26* *54 130		12.5	3	200	125	7.2	2.3	100	150	2.3	B8A	P
UF42	260 154 130		21	2	200	175	10	8.5	100	150	8	B8A	P
UF43	260 154 130		21	2	200	125	15	6.3	100	100		B8A	P
UF80	141 230 651		19	2	200	170	10	7.4	100	100	7	B9A	P
UF81	541 236 000		12.6	2.5	250	125	6	2.2	100	100		B9A	P
UF85	141 231 651		19	2	200	100	9.7	5.9	200	200	6	B9A	P
UF86	501 236 014		12.6	2	200	150	3	1.8	100	100	1.8	B9A	P
UF89	041 230 651		12.6	2	200	100	9	3.8	175	100	4.4	B9A	P
UF172	112 540 360		20	2	200	100	4.5	3	100	100		B8B	P
UF174	112 540 360		30	3	200	150	12	8	100	100		B8B	P
UF175	112 540 360		30	2	200	75	10	5.7	100	75		B8B	P
UF183	141 230 651		18.9	2	200	90	12	12.5	No Data Available			B9A	P
UF184	141 230 651		18.9	2.5	200	200	10	15	No Data Available			B9A	P
UH3	023 110 560		13	3	250	100	8	2.2	100	100		8SC	P
UH4	893 200 000		4				5		D			B5	RR
UHP51	023 110 560		13	2.5	250	100	3.5	2	100	100		8SC	P
UHP52	023 110 560		13	2.5	250	100	3.5	2	100	100		8SC	P
UL1	206 540 130		60	11.5	200	200	55	8.5	100	150	8	A08	P
UL2	023 104 560		35	5	200	200	20	7	100	150	6	8SC	P
UL11	602 310 450		45	14	200	75	6	2.2	100	75		F8	P
UL11	602 301 450		45	14	200	200	45	9	100	100		F8	P
UL12	602 301 450		60	8	200	125	75	12	No Data Available			F8	P
UL21	265 004 130		45	13	200	200	55	8	100	150	7	B8B	P
UL22	265 004 130		46	10	200	175	61	9	100	100	8	B8B	P
UL41	26* *54 130		45	9	200	175	54	9.5	100	100	7	B8A	P
UL43	260 154 130		50	2.6	250	250	36	10	100	100		B8A	P
UL44	200 154 130	A1	45	13.5	200	175	28.5	7	100	100	6.5	B8A	P
UL46	261 054 130		45	9	200	175	54	9.5	100	100	7	B8A	P
UL71	264 500 130		45	5.2	200	200	22	6.5	100	100		B8B	P
UL84	*41 23* 6*5		45	12.5	200	175	70	10	100	100	9	B9A	P
UL171	102 541 360		55	8.5	200	200	45	9	100	100		B8D	P
ULL80	546 234 175		25		250	250	24		100	100		B9A	PP
ULP	642 310 000		13	20	250		27	4	100		4	B5	T
ULP51	623 145 000		40	17	250	250	36	2.5	100	100		8SC	P
ULP61	023 100 560	G1	33	8	200	200	55	9	100	100		8SC	P
UN955	213 460 000		6.3	7	250		6.3	2.2	100		2	5AA	T
UF2	023 140 560		25	19	200	100	40	3	100	75	3	8SC	P
UP6	023 100 560	G1	35	8	200	200	55	9	100	100		8SC	P
UP13	026 540 310		35	8	200	200	55	9	100	100		A08	P
UF13	040 231 500	A1	13	1	200	100		3	200	100	3	B7	P
UF35U	023 100 560	G1	35	8	200	200	55	9	100	100		8SC	P
UPX	642 310 000		25	34	250		38	7	100		7	B5	T
UQ80	541 236 114		12	1	250	20	0.9	7	No Data Available			B9A	P
UR1	023 100 080		20				60		REC		60mA	8SC	R
UR1C	802 310 000		20				60		REC		60mA	B5	R
UR2	123 180 090		30				60		REC		70mA	8SC	RR
UR3	123 180 090		30				60		REC		65mA	8SC	RR
UR3C	091 231 800		30				60		REC		65mA	B7	RR
UT2	023 100 060	G1	15	5	100		6	3	100		3	8SC	T
UTH4	423 164 570	G1	17	2.5	200	90	3	0.8	100	60	2	8SC	TH
					100		4	2	100	90			
UTH12	423 164 570	G1	17	2.5	250	30	3	0.7	No Data Available			8SC	TH
UU2	892 300 000		4				30		REC		15mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
UU3	892 300 000		4				30		REC		30mA	B4	RR
UU4	892 300 000		4				60		REC		35mA	B4	RR
UU5	892 300 000		4(5)				60		REC		20mA	B4	RR
UU6	208 090 030		4				60		REC		40mA	MO8	RR
UU7	208 090 030		4				60		REC		20mA	MO8	RR
UU8	208 090 030		4										
UU9	290 008 130		6				120		REC		50mA	MO8	RR
UU10	892 300 000		4				30		REC		15mA	B8A	RR
UU12	8*1 23* 9**		6				60		REC		20mA	B4	RR
UU30/250	892 300 000		4				15		REC		25mA	B9A	RR
UU60/250	892 300 000		4								10mA	B4	RR
UU120/250	892 300 000		4				60		REC		15mA	B4	RR
UU120/350	892 300 000		4				60		REC		20mA	B4	RR
UU120/500	892 300 000		4				60		REC		20mA	B4	RR
UVG51	123 190 080		30				60		REC		20mA	B8C	RR
UT1	388 028 120		50				120		REC		30mA	A08	R
UT1(N)	388 028 120		50				120		REC		30mA	A08	R
UTINS	3*8 02* 120		50				120		REC		30mA	A08	R
UT2	023 180 000		26				30		REC		15mA	P8	R
UT3	023 100 080		50				120		REC		30mA	NSC	R
UT4	023 100 080		35				30		REC		15mA	B8C	R
UT11	802 300 100		50				120		REC		50mA	P8	R
UT21	280 80* 130		50				120		REC		70mA	B8B	R
UT22	280 808 130		26				60		REC		20mA	B8B	R
UT31	020 080 310		50				120		REC		30mA	A08	R
UT41	280 000 130		31				60		REC		60mA	B8A	R
UT42	280 00* 130		31				60		REC		50mA	B8A	R
UT82	**1 23* **8		55				180		REC		35mA	B9A	R
UT85	**1 23* **8		38				120		REC		60mA	B9A	R
UT89	1*1 23* **8		31				60		REC		20mA	B9A	R
UT91	812 380 800		26				60		REC		20mA	B7G	R
UT92	**2 38* 100		26				60		REC		20mA	B7G	R
V2M70	802 309 100		6.3				30		REC		15mA	B7G	RR
V20	802 310 000		20				60		REC		20mA	B5	R
V20/7000	002 300 000	D1	4				15		REC		10mA	B4	R
V20S	023 100 080		20				60		REC		20mA	B8C	R
V22/7000	000 010 100	D1	6.3				5		D			B8B	D
V25	081 231 900		25				60		REC		20mA	B7	RR
V30	802 310 000		30				120		REC		50mA	B5	R
V30/1	002 300 000	D1	2						D			B4	D
V41	*8* **9 230		4				30		REC		15mA	B8B	RR
V51	280 009 130		5				30		REC		15mA	B8A	RR
V61	28* **9 130		6.3				30		REC		15mA	B8A	RR
V99	263 400 000		3		4.5	90	2.5	0.4	REC		0.4	UX4	T
V226	041 230 500	A1	6		5	400	250	14	3	100	150	3	B7
V245	041 240 500	A1	3			250	250	16	5	100	150	5	B7
V248A	200 540 030	A1	2		10	150	150	32	5.2	100	100	5	MO8
V311	28* *** 130		31				60						
V312	602 310 000	G1	4		4.8	250	6	2.3	100			20mA	B8A
V339	000 231 600	G1	4			250		1.7	100			2.3	B5
V453	216 510 030	G1	4		1.8	250	100	4.5	2	100	100	2	MO8
V503	642 300 000		4		85	400	100	4.5	100			4.5	B4
V872	216 510 030	G1	6		4	200	200	6.7	3.4	100	150	3.3	MO8
V884	412 361 500		6.3		2.5	250	200	8	2.5	100	150	2.5	B7G
V914	892 310 000		4						D			B5	DD
V960	002 300 000	D1	4				60		REC		20mA	B4	R
V1120	045 231 000	A1	6		9.8	200	200	40	8.7	100	100	7	B7
V1120B	040 231 500	A1	4(5)		9.8	200	200	40	8.7	100	100	7	B7
V1906	002 300 000	D1	4(5)				60		REC		20mA	B4	R
V1907	002 300 000	D1	4				60		REC		20mA	B4	R
V1928	112 311 100	D1	4				5		D				
V2018	002 300 000	D1	20				30		REC		15mA	B4	R
V2118	802 310 000		20				60		REC		20mA	B5	R
V4200	802 300 000		4				120		REC		30mA	B4	R
VBP11	892 361 450		35	2	200	75	5	1.9	100	80	1.9	P8	DDP
VC1	023 189 060	G1	55	2	200		6	3	100		3	BSC	DDT
VCH11	642 371 450		40		100		4	2	100	60	2		
VCL11	452 371 460		90		2.5	250	90	3	0.7	100	90		
VDS	542 310 000	A1	16		0.5	100	2	2.4	100	60	2.4		
VDSB	542 310 000	A1	16		4.5	200	200	12	5	100	100		
					2	200	75	1.6	100	75	1.6	B5	P
					1	200	75	3	100	75	3	B5	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V				
VEG51	026 100 080		20				60			REC		20mA	8SC	R	
VEL11	452 371 560		90	{	100	30	2.4	1.6	100	100		{	P8	PP	
VF3	023 110 560	G1	55		2.5	200	200	22	5	100	100			8SC	P
VF7	023 110 560	G1	55		2.5	250	100	3.5	2	100	150		6	8SC	P
VP14	612 350 140		60		4.5	250	250	12	7	100	100			P8	P
VG406	892 300 000		4				30		REC		15mA	B4	RR		
VG410	892 300 000		4				30		REC		15mA	B4	RR		
VG411	892 300 000		4				60		REC		20mA	B4	RR		
VG420	892 300 000		4				60		REC		20mA	B4	RR		
VG421	892 300 000		4				60		REC		20mA	B4	RR		
VG2503	892 300 000		4				30		REC		15mA	B4	RR		
VG2908	892 300 000		2.5				30		REC		15mA	B4	RR		
VG3008	892 300 000		4				30		REC		20mA	B4	RR		
VG3016	892 300 000		4				60		REC		20mA	B4	RR		
VG3630	892 300 000		4				120		REC		20mA	B4	RR		
VG5006	892 300 000		4				60		REC		20mA	B4	RR		
VG5007	023 080 090		4				60		REC		20mA	8SC	RR		
VG5107	802 300 090		4				60		REC		20mA	P8	RR		
VH2	812 380 100		6				5		D			B7G	D		
VH3	142 364 100		6	4.5	150		13	5	100		5	B7G	T		
VH5	412 365 100		6	2	200	125	7.7	5.1	100	100		B7G	P		
VHP13	041 231 500	A1	13	1.5	200	100	4	2	100	100	4	B7	P		
VHT2	645 230 600	G1	2		150	75			100	75		B4	H		
VHT2A	645 230 600	G1	2		150	50			100	60		B7	H		
VHT4	545 231 600	G1	4	3	200	100	3.6		100	100		B7	H		
VHTA	123 164 550	G1	13	1.5	250	100	3.2		100	100		8SC	H		
VHTA	545 231 600	G1	13	1.5	200	100	3.2		100	100		B7	H		
VHTS	645 231 500	G1	13	3	200	100	2.6		100	100		B7	H		
VHTS	545 231 600	G1	13	3	200	100			100	100		B7	H		
VL1	023 100 560	G1	55	14	200	200	25	2.2	100	100		8SC	P		
VL4	023 100 560	G1	110	8.5	200	200	45	8	100	100		8SC	P		
VLS61	002 300 000	D1	2				3		D			B4	R		
VM1	2** 00* 300	D1	1.4						D			B7G	D		
VM4V	542 310 000	A1	4	1	200	80	14	2.4	200	75	2.4	B5	P		
VMP4	041 231 500	A1	4	2	250	100	3	3.5	150	100	3.5	B7	P		
VMP4G	542 310 000	A1	4	1	250	100	5	3.5	200	100	3.5	B5	P		
VMS4	041 231 500	A1	4	2	250	100	8	2.7	100	100	2.7	B7	P		
VMS4	542 310 000	A1	4	1	200	80	11	2.1	200	75	2.4	B5	P		
VMS4B	542 310 000	A1	4	1	200	80	5.2	2.4	200	75	2.9	B5	P		
VO2	645 230 600	G1	2		150	90	1.8		150	90		B7	O		
VO2S	023 064 560	G1	2		150	50	2		No Data Available			8SC	O		
VO4	645 231 500	G1	4	1.5	250	75	1.6		100	75		B7	O		
VO4S	023 154 560	G1	4	1.5	250	75	1.6		100	75		8SC	O		
VO6	123 164 560	G1	6	3	100	100	4.6		100	100		8SC	O		
VO13	645 231 500	G1	13	1.5	250	75	1.6		100	75		B7	O		
VO13S	123 154 560	G1	13	1.5	250	75	1.6		100	75		8SC	O		
VO133	023 164 570	G1	13	{	1	100	1	1.2	100	60	1.2	{	B7	TH	
VP2	041 230 500	A1	2	1	200	75		1.7	200	80	1.7				
VP2B	061 230 500	G1	2	1	150	150	3	1.5	150	150	1.5	B7	P		
VP2B	065 231 500	G1	2	1.5	150	150	1.6	0.7	80	90	0.5	B7	P		
VP2B	032 004 560		2	15	150	150	2	1.4	100	60	1.4	B7	H		
VP2BS	032 010 560	G1	2	1	150	150	2.5	0.7	150	150	0.6	8SC	P		
VP2D	061 230 500	G1	2	1.5	150	75	1.3	2	150	75	2	B7	P		
VP4	542 310 000	A1	4	2	200	100	4.5	2.3	100	100	2.3	B5	P		
VP4	041 231 500	A1	4	2	200	100	4.5	2.3	100	100	2.3	B7	P		
VP4A	041 231 500	A1	4	2	200	100	4.3	2.5	100	100	2.5	B7	P		
VP4B	061 231 500	G1	4	3	250	250	11.5	2	100	100	1.8	B7	P		
VP4C	041 231 500	A1	4	2	250	250	11.5	4	100	150	4	B7	P		
VP4S	023 110 560	G1	4	2	250	100	8	1.8	100	90	1.8	8SC	P		
VP4S	061 231 500	G1	4	3	250	100	8	1.8	100	90	1.8	B7	P		
VP6	412 361 500		6	2.5	250	200	8	2.1	100	150	2.1	B7G	P		
VP6	061 231 500	G1	6	3	250	100	7.5	1.7	200	100	1.7	B7	P		
VP6S	023 110 560	G1	6	3	250	100	7.5	1.8	200	100	1.7	8SC	P		
VP12D	026 985 310	G1	13	3	250	125	9	1.1	100	100	1.1	A08	DDP		
VP13	041 231 500	A1	13	1.5	200	100	6.3	3	100	100	3	B7	P		
VP13	061 231 500	G1	13	3	200	100	8	2.8	100	100	2.8	B7	P		

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				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
VP13A	023 110 560	G1	13	2	200	100	4	2.2	100	100	2.2	RSC	P
VP13B	061 231 500	G1	13	2	200	200	9	2.2	200	200	2.2	B7	P
VP13C	061 231 500	G1	13	2	200	200	9	2.2	200	200	2.2	B7	P
VP13K	061 231 500	G1	13	3	200	100	8	2	100	100	2	B7	P
VP13S	061 231 500	G1	13	3	200	100	8	2.8	100	100	2.8	B7	P
VP13S	023 110 560	G1	13	3	200	100	8	2.8	100	100	2.8	RSC	P
VP20	542 310 000	A1	20	2	200	100	4	2.2	200	100	2.2	B5	P
VP21	041 230 500	A1	2	1	150	60	1.8	1.1	150	60	1.1	B7	P
VP22	206 510 030	G1	2	1.5	150	60	1.2	0.8	100	60	0.8	M08	P
VP23	206 510 030	G1	2	1.5	150	60	1.4	1	100	60	1	M08	P
VP41	216 510 030	G1	4	2.7	250	250	7.7	2	100	150	2	M08	P
VP41	061 231 500	G1	4	3.3	250	250	11	2	100	200	3.1	B7	P
VP133	216 510 030	G1	13	2.7	150	150	8	2.1	150	100	2.1	M08	P
VP210	041 230 500	A1	2	1.5	150	60	1.1	0.8	100	60	0.8	B7	P
VP210	542 300 000	A1	2	1.5	150	60	1.1	0.8	125	60	0.8	B4	P
VP215	542 300 000	A1	2	1.5	150	75	2	0.7	150	75	1.3	B4	P
VP215	041 230 500	A1	2	1.5	150	75	2	0.7	150	75	1.3	B7	P
VP215B	061 230 500	G1	2	1.5	150	125	1.5	1	125	100	1.2	B7	P
VP215C	041 230 500	A1	2	1.5	150	125	1.5	1	125	100	1.2	B7	P
VP1320	041 231 500	A1	13	2.7	250	100	5	2	100	100	2	B7	P
VP1321	041 231 500	A1	13	2.8	200	200	7.4	2	150	150	2	B7	P
VP1322	061 231 500	G1	13	2.8	250	200	7.4	2	100	100	2	B7	P
VPT2	542 300 000	A1	2	1.5	150	60	1.5	1.1	125	60	1.1	B4	P
VPT2	041 230 500	A1	2	1.5	150	60	1.5	1.1	125	60	1.1	B7	P
VPT4	542 310 000	A1	4	3	250	100	5.5	2	100	90	2	B5	P
VPT4	041 231 500	A1	4	3	250	100	5.5	2	100	90	2	B7	P
VPT4B	041 231 500	A1	4	3	250	100	6	3.2	100	90	3.2	B7	P
VPTA	041 231 500	A1	13	2	250	100	4.2	2.9	100	100	2.9	B7	P
VPTS	041 231 500	A1	13	3	200	100	5.5	2.6	100	90	2.6	B7	P
VPU1	060 231 500	G1	13	1	250	200		3.5	100	100		B7	P
VS2	542 300 000	A1	2	2.5	150	60	2	1.2	100	60	1.4	B4	P
VS24	542 300 000	A1	2	1	150	75	2.8	1.5	150	75	1.5	B4	P
VS24K	542 300 000	A1	2	1	150	75	2.8	1.5	150	75	1.5	B4	P
VS210	542 300 000	A1	2	2.5	150	60	2	1.4	100	60	1.4	B4	P
VS215	542 300 000	A1	2	1	150	75	6	0.7	150	75	1	B4	P
VSGA1	542 310 000	A1	4	1.5	200	100	7	6.1	100	100	6	B5	P
VT1	642 310 000		4	5	200		5	2	100		2	B5	T
VT2	642 310 000		4	2	200		3	1.9	100		1.9	B5	T
VTP4	542 310 000	A1	4	3	200	100	5.5	2	100	100	2	B5	P
VX2	061 235 500	G1	2	1	150	60	1		150	60		B7	H
VX2S	023 015 560	G1	2	1	150	60	1		150	60		RSC	H
VX4	515 231 600	G1	4	2	250	75	1.8		100	75		B7	H
VX4S	023 115 560	G1	4	2	250	75	1.8		100	75		RSC	H
VX6S	023 115 560	G1	6	3	250	100	1.9	4	100	75	4	RSC	P
VX13	515 231 600	G1	13	2	250	75	1.8		100	75		B7	P
VX13S	023 115 560	G1	13	2	250	75	1.8		100	75		RSC	H
Y11	023 100 080		55			60			RSC		20mA	RSC	R
Y12	023 180 000		30			15			D			RSC	R
Y12N	023 100 080		30			15			D			RSC	R
V4	642 300 000		4	7.5	150		3	1.2	100		1.2	B4	T
V4-500	892 300 000		4			60			REC		20mA	B4	RR
V17	265 024 300		1.4	1	90	75	3.5	0.9	80	75	0.9	B7G	P
V21	041 230 500	A1	2	1	150	125	3.3	1	150	100	1.4	B7	P
V21	542 300 000	A1	2	1	150	125	2.3	1	150	100	1.4	B4	P
V25	265 *24 300		1.4		90	60	1.7	0.8	90	60		B7G	P
V30	041 231 500	A1	13	1	250	250	12	4	250	250	4	B7	P
V31	041 231 500	A1	13	3	250	100	8	2.7	100	90	2.7	B7	P
V42	061 231 500	G1	4	3	250	100	7.6	1.5	100	100	1.5	B7	P
V61	026 510 310	G1	6	3	250	75	8.5	2.9	100	75	2.9	A08	P
V63	026 510 310	G1	6	3	250	100	7.6	1.5	100	90	1.5	A08	P
V76	026 510 310	G1	13	3	250	100	7.6	1.5	200	100	1.5	A08	P
V77	412 361 500		6	2	200	200	8	2.5	100	150	2.5	B7G	P
W81	265 104 130		6	3	250	100	8	2.8	100	90	2.8	B8B	P
W101	265 104 130		19	3	250	100	8	2.8	100	90	2.8	B8B	P
W107	412 361 500		12.5	2.5	200	200	8	2.5	100	150	2.5	B7G	P
W118	260 154 130		13	2.5	200	100	7	2.3	100	100	2.5	B8A	P
W119	141 230 651		13	1.3	200	100	13	4.4	100	100	4.4	B9A	P
W142	261 154 130		12	3	250	250	7.2	2.2	100	150	2.2	B8A	P
W143	265 104 130		6	2.5	250	100	6	2.2	100	100	2.2	B8B	P
W145	260 154 130		13	2.5	200	100	7	2.3	100	100	2.3	B8A	P
W147	026 510 310	G1	6	2.5	250	100	6	2.2	100	100	2	A08	P
W148	265 140 130		6	2.5	250	150	9.5	2.8	100	150	3.8	B8B	P

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				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
V149	265 104 130		6	3	250	100	8.5	1.8	100	90	1.7	B8B	P
V150	261 154 130		6	2.5	250	100	6	2.2	100	150	2.2	B8A	P
V213	642 300 000		2	2.5	150		1	1.2	150		1.2	B4	T
V216	040 120 560		2	1.5	150	90	3	1.2	100	90	1.2	B7	P
V318	809 231 600	G1	4	2	100		3.5	2.5	100		2.5	B7	DDT
V406	642 300 000		4	7.5	150		3	1.2	100		1.2	B4	T
V411	642 300 000		4	2.5	150		3	2.2	100		2.2	B4	T
V412	642 300 000		4	7.5	150		3	1.2	100		1.2	B4	T
V415N	642 310 000		4	2.5	200		2.5	1	100		1	B5	T
V420	642 300 000		4	4	150		4	1.3	100		1.2	B4	T
V719	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
V729	141 230 651		6	2	200	175	8	5.7	100	100		B9A	P
V727	412 365 100		6	1	250	100	11	4.4	100	100	4.4	B7G	P
V739	141 230 651		6.3	1.3	175	100	12	4.4	100	100	4	B9A	P
V4080	642 310 000		4	2.5	200		2.5	1	100		1	B5	T
V4110	642 310 000		4	1.5	200		1	3	100		2.5	B5	T
VD2	642 300 000		2	2.5	150		1	1	100		1.2	B4	T
VD30	560 231 890	G1	13	1	250	100	7	2.6	250	100	2.6	B9	DDP
VD40	560 231 890	G1	4	1	250	100	7	3.5	100	100	3.5	B9	DDP
VD70	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP
VD119	541 236 891		19	1.5	200	100	11	4.5	100	100	4.5	B9A	DDP
VD142	268 154 130		13	2	200	90	5	2.1	100	100	1.9	B8A	DP
VD150	268 154 130		6	2	250	100	5	2.1	100	100	2	B8A	DP
VD709	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP
VE23	542 310 000	A1	4	2	200	100	3	2.5	100	100		B5	P
VE24	542 310 000	A1	4		200	100	3	2.5	100	100		B5	P
VE27	642 310 000		4	3.5	200		6	2.4	100		2.2	B5	T
VE28	642 310 000		4	1.5	200		1	2.5	100		2.2	B5	T
VE29	642 310 000	D1	4	3	200		6	2	100		2	B5	DT
VE30	642 350 000		4	15	250	250	36	2.8	No Data Available			B5	P
VE33	023 110 560		4	3	100	250	8	1.9	100	100		B8C	P
VE35	023 004 560		4	15	250	250	15	2.8	100	100		B8C	P
VE37	023 189 060	G1	4	7	250		4	2	100		2	B8C	DDT
VE38	023 104 560		4	6	250	250	36	9	100	100		B8C	P
VE39	023 100 060	G1	4	5.5	250		6	2.5	100			B8C	P
VE51	892 300 000		4				30		REC	15mA		B4	RR
VE52	892 300 000		2				60		REC	20mA		B4	RR
VE53	023 080 090		4				60		REC	25mA		B8C	RR
VE54	023 080 090		4				30		REC	12mA		B8C	RR
VE350A	254 130 000	A1	6	4.5	400	250	83	6.5	100	150	6	UX5	P
VE377	029 180 310		117				60		REC	20mA		A08	RR
VE403A	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
WHTS	745 231 600	G1	13	1	150			0.6	150	60	0.6		
WT389	036 540 320		1.4	1	250	75		1.5	250	75	1.4	B7	TH
WT210-0006	029 180 310		6	4.6	90	90	8	2	80	75	2	A08	P
									D			A08	DD
WT210-0007	026 540 310		6	18	350	250	54	5.2	100	150	5.2	A08	P
WT210-0013	289 300 000		5				120		REC	30mA		UX4	RR
WT210-0019	289 300 000		5				120		REC	30mA		UX4	RR
WT210-0021	028 090 310		6				30		REC	15mA		A08	RR
WT210-0025	029 180 310		117				60		REC	20mA		A08	RR
WT210-0029	026 040 310		6	8	250		8	2	100		2	A08	T
WT210-0037	126 458 310		117	5.2	100	100	43	5.3	100	90	5.3	A08	RP
WT210-0040	802 309 100		6				30		REC	15mA		B7G	RR
WT210-0042	030 809 020		5				60		REC	20mA		A08	RR
WT210-0048	020 809 030		5				120		REC	30mA		A08	RR
WT210-0081	021 415 360		6	2	250	100	3	1.7	100	100	1.6	A08	P
WT210-0082	026 540 310		6	12.5	250	250	45	4.1	100	150	4.1	A08	P
WT210-0083	216 498 130		6	2	250		2.3	1.6	200		1.6	B8B	DDT
WT210-0084	027 446 310		6	5	250		3	1.6	100		1.6	A08	TT
WT210-0085	412 365 400		50	7.5	150	100	49	7.5	100	90	6	B7G	P
WT210-0087	027 546 310	G1	6	1	100		8	2.5	100	60	3	A08	TH
				3	250	100	4	1.2	100	100	1.6		
WT210-0089	026 540 310		6	9	200	175	15	2.3	100	100	2.3	A08	P
WT210-0090	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
WT210-0094	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT
WT210-0108	461 471 230		6	31.5	150		100	7	No Data Available			A08	TT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
VT210-0148	029 080 310		6				60		REC		20mA	A08	RR
VT390	026 040 310		6	{ 8	250		8	2	100		2	A08	T
					150		5.5		100	60			
VT-T102	020 809 030		5				60		REC		20mA	A08	RR
VT-T122	021 415 360		6	{ 3	250	100	3	1.6	100	100	1.6	A08	P
VT-T123	026 540 310		6	{ 12.5	250	250	45	4.1	100	150	4	A08	P
VT-T124	216 498 130		6	{ 2	250		2.3	1.6	200		1.6	B8B	DDT
VT-T125	027 446 310		6	{ 5	250		3	1.6	100		1.6	A08	TT
VT-T126	412 365 400		50	{ 7.5	150	100	49	7.5	100	90	6	B7G	P
VT-T128	027 546 310	G1	6	{ 1	100		8	2.5	100	60	3	A08	TH
VT-T130	026 540 310		6	{ 3	250	100	4	1.2	100	100	1.6	A08	P
				{ 9	200	175	15	2.3	100	100	2.3	A08	P
VT-T131	265 113 000	G1	6	{ 3	250	100	2	1.2	100	100	1.2	UX6	P
VT-T135	020 809 030		5				120		REC		30mA	A08	RR
X14	026 546 300	G1	1.4		90	50	1.8	0.5	80	60	0.5	A08	H
X17	266 424 300		1.4	{ 4	75		4.5	1.2	80		1.2	B7G	H
X18	266 464 300		1.4	{ 4	75		4	1.2	80		1.4	B7G	H
X21	645 230 600	G1	2		150	75			100	75		B7	H
X22	645 320 600	G1	2		150	75			100	75		B7	H
X23	645 231 700	G1	2	{ 1.5	150	60	0.7		150	60	1.1	B7	TH
				{ 1.5	100		2.1		100	60	1.5		
X24	645 231 700	G1	2	{ 1.5	150	60	0.7		150	60	1.3	B7	TH
				{ 1.5	100		2.1		100	60	1.6		
X25	265 461 300		1.4	{ 1.5	75	50	1	0.4	80	60	0.4	B7G	H
X30	645 231 600	G1	13	{ 3	150	75	7		100	75		B7	H
X31	645 231 700	G1	13	{ 3	150	75	2.2		100	60	2	B7	TH
				{ 6	250	75	2.3		250	75	3		
X41	645 231 700	G1	4	{ 3	150		5	1.4	100	60	1.8	B7	TH
X42	642 231 600	G1	4	{ 3	250	75	2.3	1.4	100	75	2	B7	TH
X61	027 546 310	G1	6	{ 2	100		7	2	100	100	2	B7	TH
				{ 2	250	100	5.4	2.2	100		2.2	A08	TH
				{ 2	100		3	0.7	150	100	0.7		
X61H	027 546 310		6	{ 2	100		7.5	2.6	100	60	2	A08	TH
				{ 2	250	100	8	2.6	100	100	2		
X63	026 545 310	G1	6	{ 3	250	100	6	1.6	100	100	1.6	A08	H
X64	026 540 310	G1	6	{ 3	250	100	5.3	1.1	100	100	1.1	A08	H
X65	027 546 310	G1	6	{ 1	100		8	2.5	100	60	1	A08	TH
				{ 3	250	100	4	1.2	100	100	0.5	A08	TH
X66	027 546 310	G1	6	{ 1	100		8	2.5	100	60	1.3	A08	TH
				{ 3	250	100	4	1.2	100	100	1	A08	TH
X71	027 546 310	G1	15	{ 3	100				100	60	1.5	A08	TH
				{ 3	250	100			150	100	3		
X73	026 546 310	G1	6	{ 3	150	75			100	75		A08	H
X75	026 546 310	G1	15	{ 3	150	75			100	75		A08	H
X76	027 546 310	G1	13	{ 1	100		8	2.5	100	60	0.6	A08	TH
				{ 3	250	100	4	1.2	100	100	1.6		
X77	412 366 100		6	{ 2	100		12	6.5	100		6.5	B7G	H
X78	542 376 400		6	{ 2	100		5	2.2	100	60	2.8	B7G	TH
				{ 1	150	75	5.3	2.2	100	75	2		
X79	541 237 46*		6	{ 2	100		5	2.2	100	60	2.8	B9A	TH
				{ 3	250	75	10	3	100	75	6		
X81	276 454 130		6	{ 1	100		4.8	1.4	100	60	1.7	B8B	TH
				{ 2	250	100	4	2	100	100	2		
X99	264 300 000		3	{ 4.5	90		2.5	0.4	80		0.4	UX4	T
X101	276 454 130	G1	19	{ 2	100		3		100	60		B8B	TH
X107	412 365 400		19	{ 2	250	100	3		100	100		B7G	O
				{ 2	100	250	4						
X108	542 376 400		19	{ 2	100		5	2.2	100	60	2.2	B7G	TH
				{ 1	250	75	5.3	2.2	100	75	1.6		
X109	541 237 46*		19	{ 2	100		5	2.2	100	60	2.8	B9A	TH
				{ 3	250	75	2.9		100	75			
X118	276 454 130		28	{ 2.5	200	100	3	2.5	100	60	3.5	B8A	TH
				{ 1	100		13.5	3.7	100	100	2.5		
X119	541 237 164		19	{ 2.2	200	100	5	2.3	100	60	3.5	B9A	TP
X142	276 454 130		14	{ 2	100		5	2	100	60	2.2	B8A	TH
				{ 2	200	75	8	2.2	100	75	2		
X143	276 454 131		6	{ 2	100		6.3	2.4	100	60	3.2	B8B	TH
				{ 2	250	90	5.3	2.2	100	100	2.2		
X145	276 454 130		28	{ 3.3	100		6	2	100	60	3	B8A	TH
				{ 2.5	200	100	8	2.5	100	100	2.5		
X147	027 546 310	G1	6	{ 2	100		5.4	2.2	100	60	2.8	A08	TH
				{ 2	250	100	5	2.4	100	100	1.2		
X148	276 454 130		6	{ 1	100		4.8	1.4	100	60	1.6	B8B	TH
				{ 2	250	100	4	2	100	100	2		

VALVE	SELECTOR SWITCH No.	J.C.	W	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
X150	276 454 130		6	2	100		5	2.6	100	60	2.8	B8A	TH
X719	541 237 164		6	3	250	100	8	2.2	100	100	3.5		
X727	412 366 100		6	2	100		5	2.3	100	60	2.3	B9A	TH
X6030	020 880 330		3	2	250	100	6.5	2.3	150	100	2.4		
XAA91	182 310 900		3.1		100		11	7	100		5	B7G	H
									D			B8B	D
							5		D			B7G	DO
XC88	414 234 464		2		150		12.5	14	No Data Available			B9A	T
XC95	142 360 100		1.8	1.2	200		10	10.5				B7G	T
XCC82	641 227 413		6.3	0	100		11.8	3.1	100		3.1	B9A	TT
XCC89	146 234 117		3.6	1.2	100		15	12	No Data Available			B9A	TT
XCC189	741 236 410		4.5	1.2	90		15	12.5	No Data Available			B9A	TT
XCP80	645 237 114		4.5	2	100		14	5	100	60	5		
					200	150	10	6.2	100	100	6	B9A	TP
XCP82	645 237 114		4.8	1	150		18	8.5	100	60	8		
					200	100	10	5.2	100	100	5	B9A	TP
XCL82	414 237 516		8	0	100		3.5	2.5	100	60	2		
					200	150	41	7.5	100	100	2	B9A	TP
XCL84	461 237 145		7.8	1.7	200		3	4	100	60	4		
					200	200	18	10.4	100	100		B9A	TP
XCL85	641 237 514		8.6	2.9	200		5	6.5	100	60	6.5		
				0.8	100		41	7.5	100	100		B9A	TP
					200	150							
XCL86	415 237 146		7.5	1.7	250		1.2	16	100	60			
XD	642 300 000		2	7	250	250	36	10	100	100		B9A	TP
				1.5	75		0.7	0.8			0.7	SM4	T
XD1.5V	642 300 000		1.5		50		0.4	0.4	80				
XD2.OV	642 300 000		2	1	60		0.5	0.6	No Data Available			SM4	T
XE2	623 000 000		1.25	2.9	12		0.1	0.1	No Data Available			B3G	T
XE4	623 000 000		1.25	2	12		0.23	0.12	No Data Available			B3G	T
XP80	141 230 651		3.4	2	200	175	10	7.2	100	100	6	B9A	P
XP85	141 230 651		3.4	2	250	100	10	6	150	100	5	B9A	P
XP86	501 236 014		2.5	2	250	150	3	2.3	100	100	1.8	B9A	P
XP94	412 365 100		3.1	1.0	250	150	10.8	5.2	100	100		B7G	P
XP183	141 230 651		3.6	2	200	90	12	12.5	No Data Available			B9A	P
XP184	141 230 651		3.6	2.5	200	200	10	15	No Data Available			B9A	P
XP1	624 300 000		W.5		40		1.5		No Data Available			B5A	T
XP1	652 430 000		1.2	40	40		3	2	No Data Available			B5A	P
XP12	652 430 000		1.2		60	60	1.8	1.1	No Data Available			B5A	P
XP13	624 300 000		1.2	5	150		4	1.7	125		1.7	B5	T
XP15	652 430 000		1.2		60	60	1.8	1.1	No Data Available			B5A	P
XP110	653 120 000		0.6		20	20			No Data Available			B5A	P
XP120	652 430 000		0.6		20	20			No Data Available			B5A	P
XP130	653 420 000		0.6		20	20			No Data Available			B5A	P
XP140	653 420 000		0.6		20	20			No Data Available			B5A	P
XP150	653 520 000		0.6		20	20			No Data Available			B5A	P
XP110	653 420 000		1.3	1.3	20	20	0.5	0.4	No Data Available			B5A	P
XP111	653 420 000		1.2		20	20	0.3	0.4	No Data Available			B5A	P
XP112	653 420 000		1.2	0.5	20	20	0.3	0.4	No Data Available			B5A	P
XP114	653 420 000		1.2	6.5	60	60	3.1	0.6	No Data Available			B5A	P
XP115	653 420 000		1.2	6.5	60	60	3	0.6	No Data Available			B5A	P
XP120	653 420 000		0.6		20	20			No Data Available			B5A	P
XP121	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
XP122	653 420 000		1.2	1.2	20	20	0.3	0.4	No Data Available			B5A	P
XP123	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P
XP131	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
XP132	653 420 000		1.2	1.5	20	20	0.4	0.3	No Data Available			B5A	P
XP133	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P
XP134	653 420 000		1.2	4	40	40	1.5	0.6	No Data Available			B5A	P
XP135	653 420 000		1.2	1.5	40	40	0.7	0.6	No Data Available			B5A	P
XP141	653 420 000		1.2	1.2	40	30	0.3	0.4	No Data Available			B5A	P
XP143	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P
XP151	653 420 000		1.2		20	20	0.2	0.3	No Data Available			B5A	P
XP153	653 420 000		1.2	3	20	20	0.5	0.3	No Data Available			B5A	P
XP153M	653 420 000		1.2	3	20	20	0.5	0.3	No Data Available			B5A	P
XP154	653 420 000		1.2	2	20	20	0.3	0.3	No Data Available			B5A	P
XH2.OV	642 300 000		2	1	60		0.5	0.6	No Data Available			SM4	T
XL	642 300 000		2	1.5	75		1.5	0.9	80		0.8	SM4	T
XL01.5	642 300 000		1.5	1	60		0.9	0.7	No Data Available			SM4	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
XL01.5V	*41 23* 6*5		8	7.3	250	250	48	11.3	100	150	10	B9A	P	
XL1.5	642 300 000		1.5	1	60			0.7	0.6	No Data Available			SM4	T
XL02.0V	642 300 000		2	1	60		1.1	0.9		No Data Available			SM4	T
XL2.0V	642 300 000		2	1	60		1	0.8		No Data Available			SM4	T
XL36	642 300 000		1.5	4.5	50		1.7	0.7	80			SM4	T	
XL84	6*2 364 100		2	1	50		1.1	0.9	80			B7G	T	
XL86	*2* 540 310	A1	12.8	8.3	100	100	77	11	100	150	10	A08	P	
XP	642 300 000		2	4.5	100		9.5	1	80		1	SM4	T	
XP1.5V	642 300 000		1.5	4	60		1.8	0.8	No Data Available			SM4	T	
XP2	642 300 000		2	4.5	75		4	1	80		1	SM4	T	
XPB1.5	264 730 000	G1	1.5	{ 4.5	40		0.5	0.5	60			SM5	TT	
				40			1.7	0.7	60					
XR2	206 035 240		1.2	7.5	150	125	7	1.9	125	100		B8D	P	
XR4	206 035 240		1.2	7.5	150	125	7	1.9	100	100		B8D	P	
XR6	412 163 510		6.3	1.4	100	100	7	5	100	100	5	B8D	P	
XR7	412 653 160		6.3	2	100	100	7.5	5.5	100	100	5.5	B8D	P	
XR8	462 603 160		6.3	2.5	100		8	4.2	100		4.2	B8D	T	
XR9	742 113 460		6.3	1.8	100		8.5	5	100		5	B8B	TT	
XSG	542 300 000	A1	2	1	150	60	1.4	0.7	100	60	0.6	SM4	P	
XSG1.5V	542 300 000	A1	1.5		50	30	0.5	0.3	No Data Available			SM4	P	
XSG2.0V	542 300 000	A1	2		60	30	0.6	0.4	No Data Available			SM4	P	
XVS2.0V	542 300 000	A1	2		60	30	0.4	0.3	No Data Available			SM4	P	
XV1.5	254 630 000		1.5		60	30	0.7	0.5	No Data Available			SM5	P	
XV1.5V	251 630 000	G1	1.5		50	50	0.7	0.5	No Data Available			SM5	P	
XV2.0V	254 630 000		2		60	50	0.9	0.6	No Data Available			SM5	P	
XW075A	653 420 000		0.6		40	30	0.3	0.2	No Data Available			B5A	P	
XW075B	653 420 000		0.6		40	30	0.2	0.2	No Data Available			B5A	P	
XXB	206 447 320		1.4		90		4.5	1.3	90		1.3	B8B	TT	
XXD	216 447 130		12.5	10	250		9	2.1	100		2.1	B8B	TT	
XXFM	264 189 130		6.3	2	250		1.5	1.5	100		1.4	B8B	DDT	
XXL	260 004 130		6	8	250		8	2.3	100		2.3	B8B	T	
XT	254 630 000		2	3	75	75	4	1.2	80	75	1.2	SM5	P	
XY1.4A	653 420 000		1.4	4.5	40	40	1.8	0.5	No Data Available			B5A	P	
XY1.4B	653 420 000		1.2	4.5	40	40	1.6	0.6	No Data Available			B5A	P	
XY1.4C	653 420 000		1.2	1.5	40	40	0.5	0.5	No Data Available			B5A	P	
XY1.5	254 630 000		1.5	1.5	40	40	1.7	1	No Data Available			SM5	P	
XY2.0V	246 530 000		2	2	60	50	1.7	1.4	No Data Available			SM5	P	
XY14B	653 420 000		1.2	4.5	40	40	0.3	0.6	No Data Available			B5A	P	
XY14CC	653 420 000		1.2	1.5	40	40	0.5	0.5	No Data Available			B5A	P	
Y188	** 23* **8	C	16			120			REC	40mA		B9A	R	
Y13	045 231 600		13	20	250	250	40	3.9	100	150		B7	P	
Y220	642 300 000	G2	2	4.5	150	150	10.5	2.5	100	100	2.5	B4	P	
Y220	642 350 000		2	4.5	150	150	10.5	2.5	100	100	2.5	B5	P	
Y230	642 350 000		2	3	150	150	5		100	100		B5	P	
YA1000	230 232 032		4			180			REC	40mA		B9A	R	
YC88	414 234 464		2.6	160		12.5	14		No Data Available			B9A	T	
YC95	142 160 100		2.2	1.2	200		10	10.5	No Data Available			B7G	T	
YCC89	146 234 117		4.8	1.9	100		15	12	No Data Available			B9A	TT	
YCL82	414 237 516		10.8	{ 0	100		3.5	2.5	100	60	2	B9A	TP	
				200	150	41	7.5		100	100	6			
YCL84	461 237 145		10	{ 1.7	200		3	4	100	60	4	B9A	TP	
				200	150	18	11		100	100	4			
YCL86	415 237 146		10	{ 1.7	250		1.2	1.6	100	60	1.6	B9A	TP	
				7	250	250	36	10	100	100	1.6			
YD2	642 300 000		2	4.5	150		6	3	100		2	B4	T	
YP183	141 230 651		4.2	2	200	100	12	12.5	No Data Available			B9A	P	
YP184	141 230 651		4.2						REC	40mA		B9A	R	
YL1000	014 235 166		1.1	2.5	200	200	10	15	No Data Available			B9A	P	
YL1030	245 134 200	A1 A2			100	100	30	4.3	100	100		B9A	P	
YL1060	245 134 200	A1 A2	2.1		300	200	30	4.5	100	100		B7A	PP	
YL1080	424 236 572		6.3	15	300	250	95	5	No Data Available			B7A	PP	
			1.6		200	200	30	3.3	100	100		B9A	PP	
YL1130	423 756 324		1.1		200	200	40	7	100	100		B9A	PP	
YL1240	414 227 563		6.75		400	200	30	3.3	100	100		B9A	PP	
YL84	*41 23* 6*5		8	7.3	250	250	48	11.3	No Data Available			B9A	P	
YL86	041 23* 6*5		8	12.5	200	200	75	10	No Data Available			B9A	P	
YI88	** 23* **8	C	22			180			REC	40mA		B9A	R	
Z14	036 500 200	G1	1.4	1	100	100	0.5	0.6	80	90	0.7	A08	P	
Z21	041 230 500	A1	2	1	150	150	1.1	1.2	150	100	1.2	B7	P	
Z21	542 300 000	A1	2	1	150	150	1.1	1.2	150	100	1.2	B4	P	
Z22	041 230 500	A1	2		150	150	2.5	1.4	100	100		B7	P	
Z22M-L	041 230 500	A1	2		150	150	2.5	1.4	100	100		B7	P	
Z26	045 231 600		26	5.5	250	250	32	7.5	100	100	8	B7	P	
Z62	026 510 310	G1	6	2	300	150	10	7.5	100	100	7.5	A08	P	
Z63	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P	
Z66	026 510 310	G1	6	1.5	200	200	10.9	8.5	100	150	8	A08	P	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
Z73	026 510 310	G1	6	3	250	100	6.5	1.7	100	90	1.8	A08	P	
Z77	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	P	
Z90	256 101 403		6	1.5	200	150	4	6.4	100	150	5	B7G	P	
Z142	260 154 130		21	2	250	250	10	6	100	150	6	B9G	P	
Z145	261 514 130		22	2	200	200	10	8.5	100	150	8	B8A	P	
Z150	261 514 130	G2	22	1.8	200	200	10	9	100	150	7	B8A	P	
Z150	260 154 130		6	2	250	250	10	9.5	100	150	8	B8A	P	
Z152	141 230 651		6	2	200	200	10	7.4	100	100	6	B9A	P	
Z309	141 223 651		6	2	250	250	20	15	No Data Available				B9A	P
Z319	141 321 655		6	2	350	250	12.5	11.5	No Data Available				B9A	P
Z220	642 300 000		2	7.5	150	150	15	2	100	100	2	B4	P	
Z220	642 350 000		2	7.5	150	150	15	2	100	100	2	B5	P	
Z329	141 230 651		7.3	1.9	200	175	10	8.8	100	100		B9A	P	
Z359	141 230 651		12	2	250	250	20	15	100	100		B9A	P	
Z719	141 230 651		6	2	200	175	10	7.4	100	150	6	B9A	P	
Z729	501 236 014	6	1	250	100	2	1.8	100	100	1.8	B9A	P		
Z749	141 230 651		6.3	1.9	200	175	10	9.2	No Data Available				B9A	P
Z759	141 023 651		6	2	250	250	15	15	100	100		B9A	P	
ZD	892 310 000		13						D			B5	DD	
ZD2	642 300 000		2	12	150		7	1	100		1.2	B4	T	
ZD17	208 564 300		1.4	1	90	90	2.7	0.6	80	90	0.6	B7G	DP	
ZD25	2*8 564 300		1.4	1.5	60	60	0.2	0.2	No Data Available				B7G	DP
ZD152	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP	
			6	2	250	90	5	2.2	100	90	2.2	B9A	DDP	

APPENDIX I.

TEST DATA FOR TUNING INDICATORS

Tuning indicators are tested with the controls set according to the figures given in the table below; using the screen switch for obtaining the target voltage and inserting the anode load, as shown in column marked "Ra" by means of the link on the panel of the instrument. At the approximate bias given in the table the triode section should be at cut-off and the "eye" fully closed. On reducing the grid bias to zero the "eye" should open fully and the anode current should be approximately that given in the table. In the case of double sensitivity indicators giving multiple images corresponding to the different sensitivities, two sets of data (wherever possible) are given, the first set relating to the sensitive indication.

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					BASE
				Neg. Grid Volts.	Anode Volts	Target Volts	Ia mA	Ra MΩ	
1M1	4*0 230 060		1.4	34	250	0	0.09	2.2	B8D
1M3	4*0 230 060		1.4	23	200	0	0.1	1	B8D
2E5	264 513 000		2.5	8	250	250	0.2	1	A08
2G5	264 513 000		2.5	22	250	250	0.2		UX6
6AB5	264 513 000		6	15.5	150	150	0.13	1	UX6
6AD6	026 540 310		6	{ 3 50	150 150				A08
6AP6	026 540 310		6	{ 81 150	150 125				A08
6AF7	026 457 310		6	{ 4.5 15	200 200	200	0.16 0.15	1 1	A08
6BR5	41* 23* 6*5		6	{ 14 4.2	200 250	200	0.4	0.5	B9A
6CD7	026 546 310		6	{ 12.5 250	250 250	250	1.0	1	A08
6E5	264 513 000		6	7.5	250	250	0.2	1	UX6
6G5	264 513 000		6	22	250	250	0.2	1	UX6
6H5	264 513 000		6	22	250	250	0.2	1	UX6
6M1	026 540 310		6	22.5	250	250	0.2	1	A08
6M2	*25 456 310		6	{ 4 2	250 250	250	0.12 0.25	0.2 0.1	A08
6N5	264 513 000		6	15.3	150	150	0.2	1	UX6
6T5	264 513 000		6	22	250	250		1	UX6
6U5/6G5	264 513 000		6	22	250	250	0.2	1	UX6
6X6	025 540 310		5		250	250			A08
6ZE1	264 513 000		6.3	7	250			1	UX6
10M1	026 540 310		18	19	200	175	0.2	1	A08
10M2	2*6 456 130		12.6	{ 3 20	200 200	200	0.1 0.19	0.2 0.1	A08
12U5	264 513 000		12.6	22	250	250	0.2	1	UX6
41ME	023 104 560		4	5	250	250		1	RSC
63ME	026 540 310		6	22	250	250	0.3	1	A08
64ME	026 457 310		6	{ 16 2.5	250 250	250		1	A08
65ME	41* 23* 6*5		6		250	250			B9A
1629	026 540 310		12.5	8	250	250	0.2	1	A08
467R	023 104 560		6	5	250	250	0.1	2	RSC
AC/ME	045 231 600		4	22	250	250	0.2	1	B7
AM1	023 104 560		4	5	250	250	0.1	2	RSC
DM21	026 540 030		1.4		90	90	0.03	2	A08
DM70	4*0 230 060		1.4	23	200	0	0.1	1	B8D
DM71	4*0 23* 060		1.4	23	200	0	0.1	1	B8D

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					BASE
				Neg. Grid Volts.	Anode Volts	Target Volts	Ia mA	Ra MΩ	
E130	026 540 310		6	15	250	250		1	AOR
E1320	026 540 310		6	11	250	250	1		AOR
EM1	023 104 560		6	5	250	250	0.1	2	BSC
EM3	023 104 560		6	18	200	200	0.2	1	BSC
EM4	023 164 560		6	4.2 12.5	200 200	200		1 1	BSC
EM11	026 546 310		6	5 16	250 250	250		1 1	AOR
EM31	026 540 310		6	5	250	250		2	AOR
EM34	026 456 310		6	4.2	250	250		1	AOR
EM35	026 540 310		6	12.5 22	250 250	250	1	1 1	AOR
EM71	251 064 130		6	20	250	250	0.5		B8B
EM80	41* 23* 6*5		6	14	250	250	0.4	0.5	B9A
EM81	41* 23* 6*5		6	10.5	250	250	0.4	0.5	B9A
EM84	4*1 235 6*6		6	22	250	250	0.5	0.5	B9A
EM87	4*1 235 6*6		6.3	14	250	250	1.1	1	B9A
EM840	4*1 235 6*6		6	22	250	250	0.5	0.5	B9A
PT4	026 540 310		4	6	250	250		1	AOR
ME4S	023 104 560		4	5	250	250		2	BSC
ME6S	023 104 560		6	5	250	250		2	BSC
ME41	216 040 530		4	22.5	250	250	0.2	1	MOR
ME91	216 040 530		9	17	150	150	0.2	1	MOR
ME920	045 231 600		9	19	200	175	0.2	1	B7
PM5	206 546 130		6	15 5	200 200	200		1 1	AOR
PM84	4*1 235 6*6		4.2	22	250	250	0.5	0.5	B9A
TK406	023 104 560		4	5	250	250	0.1	2	BSC
TV4	023 140 560		4	5	250	250		1	BSC
UM4	206 546 130		12.6	4.2 12.5	200 200	200		1 1	AOR
UM11	206 546 130		15	4.2 12.5	200 200	200		1 1	AOR
UM34	026 456 310		12.5	4.2 12.5	250 250	250		1 1	AOR
UM80	41* 23* 6*5		19	14	200	200	0.4	0.5	B9A
UM81	41* 23* 6*5		19	14	200	200	0.4	0.5	B9A
UM84	4*1 235 6*6		12.6	22	250	250	0.4	0.5	B9A
VFT4	026 540 310		4	20	250	250		1	AOR
VME4	045 231 600		4	22	250	250		1	B7
VTF6	026 540 310		6	22	200	200	0.2	1	AOR
Y25	4*0 320 060		1.4	34	250		0.09	2.2	BRA
Y61	026 540 310		6	22	250	250	0.2	1	AOR
Y62	026 540 310		6	22	250	250		1	AOR
Y63	026 540 310		6	22	250	250	0.2	1	AOR
Y64	026 540 310		6	22	250	250		1	AOR
Y65	026 540 310		6	11	250	250		1	AOR

VALVE	SELECTOR SWITCH No.	T.C.	Vf.	Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Base	Type	REMARKS	Civ. Equiv.
CV2000	412 361 500		6	2 2	250 200	250 150	10 10	7.5 6.4	B8D	P	See Notes J & E	
CV2001	412 361 500		6	2 1.5	250 200	250 150	10 4	7.5 6.4	B8D	P	See Notes J & E	
CV2002	412 360 500		6	13.5	250	250	16	2.6	Spec	P	See Note J	
CV2003	412 360 500		6	13.5	250	250	16	2.6	Spec	P	See Note J	
CV2004	192 310 800		6				5		Spec	RR	See Note J	
CV2005	192 310 800		6				5		Spec	RR	See Note J	
CV2007	741 226 413		6	8.5	250		10.5	2.2	Spec	TT	See Note J	
CV2008	412 300 600		6	2.2	150		10	8	Spec	TT	See Note J	
CV2009	412 314 600		6	1.5	250		10	8.5	Spec	T	See Note J	
CV2010	762 344 100		6	1	100		8.5	5.6	Spec	TT	See Note J	
CV2101	741 226 413		6	2	250		1.2	1.6	Spec	TT	See Note J	
CV2013	041 230 651		6	4.5	250	250	40	11	Spec	P	See Note J	
CV2014	601 235 144		6	7.5	250	250	45	7	Spec	P	See Note J	
CV2015	256 101 403		6	7	250	250	10	6	B9G	P	See Note J	
CV2016	741 226 413		6	2	250		10.5	5.5	Spec	TT	See Note J	
CV2017	412 361 500		6	4	200	200	5.8	3.5	Spec	P	See Note J	
CV2020	412 365 100		6	2	150	125	7.5	5	Spec	P	See Note J	
CV2021	902 308 100		6				30		Spec	R	See Note J	
CV2022	441 230 561		6	12.5	250	250	45	4.1	Spec	P	See Note J	
CV2023	412 361 500		6	2.5	250	200	8	2.5	Spec	P	See Note J	
CV2024	412 366 100		6	2	100		11	7	Spec	H	See Note J	
CV2025	412 361 500		6	2 1.5	250 200	250 150	10 4	7.5 6.4	Spec	P	See Note J	
CV2101	040 230 650		1.25	0	75	75	2	1	B8D	P	See Note J	
CV2156	241 7 143		20	14	250	150	30	3.9	B9G	PP		
CV2204	346 000 000	H—	6	1	250		20	3	Disc seal	T	min slope	DET22
CV2207	346 000 000	H—	6	1	250		20	3	Disc seal	T	min slope	
CV2231	*41 23* *51, A ₁	A ₁	6	12.5	150	150	50	8.5	B9A	P		
CV2243	041 230 651*		6	2	200	125	17	8.4	B9A	P		
CV2267	Not known		6				30		Spec	RR	See Note C	
CV2268	Not known		6	2	250	250	10	7.5	Spec	P	See Note C	
CV2277	*41 23* 651		26.5	13	100	100	90	9.5	B9A	P		
CV2838	Not known	A ₁ G ₁	2		60			0.3	Special	T	See Note C	
CV4036	001 230 000	D ₁	6				120		B9A(F)	R		
CV4046	241 756 143		6	14	250	125	30	3.9	B9G	PP		
VU508	002 300 000	A ₁	(5)		40		100		B4	R		

APPENDIX IV.

Test Data for Russian Valves

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
1K1П	265 024 300		1-2	0-5	60	40	1-7	-65	No Data Available			B7G	P
1B1П	208 564 300		1-2	0	60	40	1-0	-25	No Data Available			B7G	DP
2П1П	264 536 200		1-2	3-5	60	60	2-8	0-9	No Data Available			B7G	P
6B2П	452 368 100		6-3	1-5	250	100	6-5	2-0	100	100	2	B7G	DP
6K1П	412 365 100		6-3	3	250	100	6-7	1-85	100	100	1-9	B7G	P
6K4П	412 365 100		6-3	1-0	250	100	11	4-4	100	100	4-4	B7G	P
6K2П	412 365 100		6-3	2-2	125	125	7-5	5-2	100	100		B7G	P
6K1П	412 365 100		6-3	2-2	125	125	5-5	3-55	100	100		B7G	P
6K3П	412 365 100		6-3	2	250	150	7	5	100	100		B7G	P
6K4П	412 365 100		6-3	1	250	100	11	4-4	100	100	4	B7G	P
6K5A	412 365 100		6-3	2-0	250	100	10	9	100	100		B7G	P
Г837	205 411 300	A ₁	12-6	85	400		60	3-5	No Data Available			B7G	P
6C1П	612 364 100		6-3	7	250		6-3	2-2	100		2-2	B7G	T
6C2П	412 344 600		6-3	1-0	100		10	11	No Data Available			B7G	T
6H15П	672 344 100		6-3	2	100		8-5	5-6	100		5-6	B7G	TT
6H1П	641 237 410		6-3	4-8	250		8	4-3	100		8	B9A	T
6H2П	641 227 413		6-3	1-5	250		2-3	2	100		2	B9A	T
6X2П	182 310 900		6-3				5		D			B7G	RR
6П4П	802 310 900		6-3				30		REC		15	B7G	RR
6П2П	412 365 100		6-3	5-5	125	125	35	8	100	100	6	B7G	P
6П1П	651 236 415		6-3	12-5	250	250	45	4-5	100	PenLF	4	B9A	P

APPENDIX II.

Test Data for High Voltage Rectifiers.

The following procedure should be adopted when testing high voltage rectifiers.
Make insulation checks with valve cold and hot as stated in paragraphs 1 and 2 of the Abbreviated Working Instructions.

Then set Anode and Screen Voltage switches to their minimum value (i.e. 20) and Anode Current Controls to figure shown in Data column. With Circuit Selector set to TEST and Anode Selector at A₁, increase Anode Volts setting until indicating meter reads in a forward direction.

The setting of the Anode Voltage switch for a good valve should not exceed the figure given in column headed Anode Volts.

When checking full wave or voltage doubler rectifiers, check second Anode with Anode Selector at A₂.

NOTE the valve should be heated to working temperature before setting Circuit Selector to position TEST and only left at this position for sufficient time to take a reading.

VALVE	SELECTOR SWITCH No.	T.C.	Vf.	Anode Volts (Max.)	Ia mA (Min.)	Valve Holder	Type	REMARKS
1B3	020 000 300	A1	1.25	200	6	A08	R	
1Z2	232 232 300	A1	1.4			B7G	R	
2V3	020 000 300	A1	2.5(3)			A08	R	
2V3G	020 000 300	A1	2.5(3)			A08	R	
2X2	200 300 000	A1	2.5(3)	100	10	UX4	R	
2Y2	200 300 000	A1	2.5	100	10	UX4	R	
3B24	320 200 000	A1	2.5	60	10	UX4	R	
6W2	230 000 000	A1	6	100	9	N11	R	
225DU	072 323 600		2	40	20	B7	RR	Test A1 & A2
405BU	672 300 000		4	40	20	B4	RR	Test A1 & A2
732A	230 300 000	A1	2.5	60	10	UX4	R	
879	200 300 000	A1	2.5	100	10	UX4	R	
1876	123 000 700		4			8SC	R	
1877	002 300 000	A1	4	100	10	B4	R	
8016	020 000 300	A1	1.25	200	6	A08	R	
CE230	320 200 000	A1	2.5	60	10	UX4	R	
EY51	230 000 000	A1	6	100	9	B3G	R	
HVR2	002 300 000	A1	4	100	10	B4	R	
HVR2A	002 300 000	A1	2(2.5)	100	10	B4	R	
R12	230 000 000	A1	6.3	100	9	B3G	R	
SU61	230 000 000	A1	6.3	100	9	B3G	R	
SU2150	002 300 000	A1	2(2.5)	60	4	B4	R	
SU2150A	002 300 000	A1	2	200	50	B4	R	
U17	002 300 000	A1	4	40	35	B4	R	
U19	002 300 000	A1	4(5)	40	70	B4	R	
U21	002 300 000	A1	2	60	4	B4	R	
U22	200 000 030	A1	2(3)	60	4	M08	R	
U23	002 300 000	A1	4(5)	40	100	B4	R	
U24	020 000 300	A1	2	20	0.5	A08	R	
U41	020 300 000	A1	1.25	200	6	A08	R	
U43	230 000 000	A1	6.3	100	9	N11	R	
U151	230 000 000	A1	6.3	100	9	N11	R	
V21/7000	002 300 000	A1	4	100	10	B4	R	
V960	002 300 000	A1	4	80	90	B4	R	
V1906	002 300 000	A1	4(5)	60	100	B4	R	
V1907	002 300 000	A1	4	150	70	B4	R	
V1913	002 300 000	A1	4(5)	40	100	B4	R	
V1920	002 300 000	A1	4(5)	100	90	B4	R	
VL51	002 300 000	A1	4	100	10	B4	R	
CV317	322 322 222	A1	4	60	80	B9G	R	
CV121	002 300 000	A1	4(5)	100	90	B4	R	

APPENDIX III.

Test Data for 'Service' Type Valves

NOTES REFERRED TO IN THE REMARKS COLUMN.

- A The heater/cathode lead identified with red marking should be connected to Pin No. 1.
 B The grid top cap is situated over Pins No. 7 and 8.
 C This valve does not fit special valve holders supplied, and roller selector Data will depend on connections made to valve electrodes.
 D Pin No. 1 on the flat pinch type of base is the lead adjacent to the coloured blob the remaining pins being directly numbered across the base from Pin No. 1.
 E Alternative test figures are given for use when valve shows signs of back emission from anode to G₂. This phenomenon can be recognised by the anode current apparently decreasing as the valve heats.
 G Valves on the B8D base when leads are cut, should be tested either by insertion in a B8D Adaptor, or leads lengthened and tested in the same way as those with flexible leads, by using the special 9 clip valve holder.
 H Tests on tuning indicators should not be made until the resistor value (Ra), indicated in the remarks column, has been inserted across the link(s) on valve panel
 J Use special 9 clip valve holder fitted to Valve Tester type 160

VALVE	SELECTOR SWITCH No.	T.C.	Vf.	Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Base	Type	REMARKS	Civ. Equiv.
CV16	234 000 000	A ₁	4	1	250		6	4.2	Disc seal	T	min slope See Note A	
CV53	234 000 000	A ₁	4	1	250		6	4.2	Disc seal	T	min slope See Note A	
CV82	234 000 000	A ₁	4	3	250		20	3.7	Disc seal	T	See Note A min slope	3A/141J
CV88	See Note C		6	0	250		4	5	Disc seal	T	See Note C	3A/148J
CV93	See Note C		1-4	0	20			0.7	Disc seal	T	See Note C	V625
CV105	020 000 030	D ₁	6				30		A08	R		
CV122	632 400 000		1-4	0	100			0.8	Special	T	See Note D	
CV132	412 361 500		6	1.8	250	100	6.3	2	B7G	H		
CV201	021 540 300	A ₁	(2.5)	10	250	150	25	3.3	A08	P		
CV229	623 400 000		1-4	0	100			0.8	Special	T	See Note D	
CV243	042 350 000		(5)	40	75	75	45	1.5	B5	P		4045A
CV273	346 000 000	H—	6	4	250		28	8.5	Disc seal	T		DET22
CV354	346 000 000	H—	6	2	250		10	6.5	Disc seal	T		
CV384	642 300 000		(5)	30	400		62	7.5	B4	T		DET5
CV1155	642 300 000		4	0	75		0.7	0.2	B4	T		
CV1223	642 300 000		(5)	30	400		62	7.5	B4	T		DET5
CV1508	002 300 000	A ₁	(5)	40	100				B4	R		
CV1584	642 310 000		4	3.5	200		5.4	3.1	B5	T		

 AVO VALVE T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR V. METER & V.	
				Neg. Grid Volts	Am. Volts
	007 060 010		-		0
024	364 200 000		5		0
00	364 200 000		5		4.5
00A	364 200 000		5		9
01	364 200 000				4.5
01A			5		4.5
	364 200 000		5		1.1
01AA	364 200 000		0.6		
01B	653 420 000		4		2.
04P90	642 710 000				
054V	642 300 000				
084					

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ESTERS DATABOOK

VALVE CHARACTERISTIC VALVE TESTER TYPE 160				DATA FOR AVO VALVE TESTER			BASE	TYPE
Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
250	58	360	No Data Available	AO8	CCR			
40	1.0	0.66	No Data Available	UX4	T			
40	1.5	0.66	No Data Available	UX4	T			
90	2.5		80	0.7	UX4	T		
150	3	0.8	80					
90	3.2	0.9	90	0.8	UX4	T		
90	2.5	0.72	90	0.8	UX4	T		
90	.05	0.1	No Data Available	B5A	P			
20	4		100	4	B5	T		
100	4.0	1.4	125	1.4	B4	T		
150								



B7G



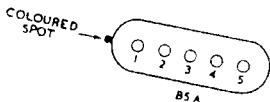
B9A



B3Q



B5B



B5A

N PUBLICATIONS

MP-28

Contents

Diagram of Standard Pin Connections

Diagram of Special Valve Holders fitted to Valve Tester Type 160 only

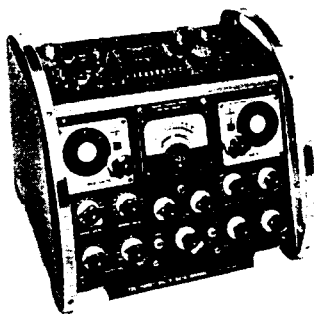
Test Data for Receiving and Small Transmitting Valves

Data for Tuning Indicators (Magic Eyes)

Test Data for High Voltage Rectifiers

Test Data for Service Type Valves

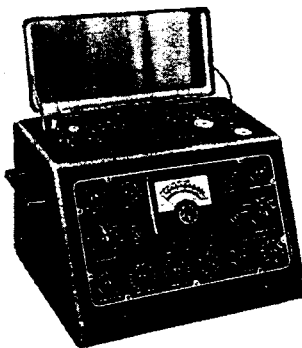
Test Data for Russian Valves



Valve Characteristic
Meter. Mk. IV



Valve Characteristic
Meter. Mk. III



Valve Characteristic
Meter. Mk. I & II



Valve Tester. Type 160



Avo Valve Tester

NOTES

TESTING WIRE ENDED (FLYING LEAD) VALVES. Wire-ended (flying lead) valves may be tested by inserting individual wires into appropriate electrode connections of a suitable valve holder in correct sequence.

BACK EMISSION. Alternative test figures are given for use when valve shows signs of back emission from anode to G3. This phenomenon can be recognised by the anode current apparently decreasing as the valve heats up. Data to which this note refers is indicated thus 'ξ'.

GRID BIAS. When using AVO Characteristic Meter Marks I and II, to check valves requiring a bias of less than 1 volt, erroneous readings may be obtained due to the valve drawing grid current, which has the effect of reducing the grid bias voltage thus producing low mutual conductance readings. Users of these instruments are, therefore, advised to use the alternative data which has been supplied, which is indicated thus φ.

INTERNAL CONNECTION (*) When the symbol * appears among the Selector Switch set up figures, it indicates that an unknown electrode may be connected to this pin internally. To obtain the complete Selector Switch coding, test with an ohmmeter between pin marked * and all others. (The ohmmeter should be on a sufficiently low range to discriminate between a dead short and filament resistance). Dependant upon the electrode to which this pin is internally connected the correct code can be set up and normal test procedure followed.

Where the pin marked * is	O.C. to all others	Set Roller to	0
" " " " " "	" " " connected to Cathode	Set Roller to	1
" " " " " "	" " " " " " " "	" Heater—	2
" " " " " "	" " " " " " " "	" Heater+	3
" " " " " "	" " " " " " " "	" Grid	4
" " " " " "	" " " " " " " "	" Screen	5
" " " " " "	" " " " " " " "	" Anode 1	6
" " " " " "	" " " " " " " "	" Anode 2	7
" " " " " "	" " " " " " " "	" Diode Anode 1	8
" " " " " "	" " " " " " " "	" Diode Anode 2	9

INSULATION TESTING. The manufacturers of certain specialised types of valve e.g. VHF types, thyatrons etc., limit the maximum applied inter-electrode voltage to very low values, these restrictions apply with the valve either hot or cold.

In the Avo Valve Characteristic Meter, the peak value of the applied insulation potential is 150V, whilst this is perfectly satisfactory for the vast majority of valves listed, users are advised to check with the manufacturers' data sheets when special types are to be tested.

The majority of valves listed in the Avo Valve Data Manual are not subject to this limitation, but where valve data is not given, care should be exercised. Where valves are subject to this limitation they are indicated thus □.

LOW ANODE IMPEDANCE TRIODES. It has come to our notice that a number of valves included in the Valve Data Manual which, when tested, produce low anode currents, a typical example being the 6080 valve.

These valves have a moderately high mutual conductance coupled with a very low Ra. In the case of the 6080 this is in the order of 250 ohms. Ideally, when testing this type of valve, the source impedance should be negligible. Unfortunately, with the Valve Characteristic Meter, the source impedance is in the order of 200 ohms, most of which is due to the anode current measuring circuit. Under normal conditions this impedance is negligible when compared with the anode impedance of the valve under test ; when these low impedance types are being tested, the valve is effectively being tested under dynamic conditions. Whilst we appreciate the difficulties with this drawback, we feel it is still acceptable, bearing in mind that the instrument will adequately test some 5000 ordinary valve types.

One suggestion for easing this difficulty is that a valve is selected which, when tested under dc conditions, meets the manufacturers' specifications. This valve should then be used under the same conditions in the Valve Characteristic Meter and the variation in anode currents and mutual conductance should then be noted, and used as a guide when testing valves of the same type.

Since only manufacturers' data is included in this publication anode current and mutual conductance figures have been omitted and the valve has been indicated thus Δ.

ABBREVIATIONS

D, DD, DDD.-Diodes and multiple diodes.

DT, DDT, DP, DDP.-Valve with another electrode assembly in addition to the diode.

H.- Heptode or Hexode.

N.- Nonode.

O.- Octode.

P.- Pentode or Tetrode, PP.-Double Pentode or Double Tetrode.

T.- Triode, TT.-Double Triode, TH.-Triode Heptode, or Triode Hexode.

TP.- Triode Pentode.

R.- Rectifier, RR.- Full-wave Rectifier.

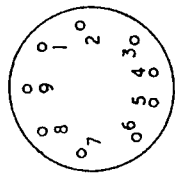
TI.- Tuning Indicator (magic eye).

CCR.- Cold Cathode Rectifier.

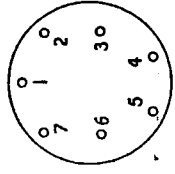
‡ Appearing among ROLLER SELECTOR switch numbers, refers to third diodes in triple diodes. Refer to Working Instructions, Chapter 3, Section headed " Instruction for Testing Specific Valve Types " for full test procedure.

() Where brackets appear around stated heater voltage thus (5) it indicates that heater voltage given in Data columns has been uprated to allow for voltage drop at valve base, due to higher current taken by the particular valve.

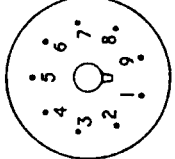
DIAGRAM OF STANDARD PIN CONNECTIONS (viewed from underside of base)



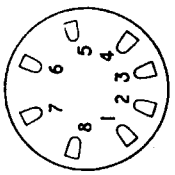
BRITISH NINE PIN (B9)



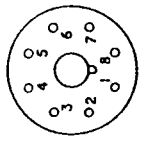
BRITISH SEVEN PIN (B7)



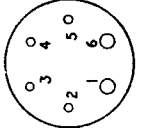
B9G



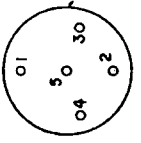
'P' TYPE BASE (B5C)



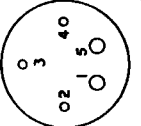
INTERNATIONAL OCTAL (AO8)



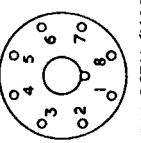
AMERICAN SIX PIN (UX6)



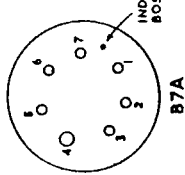
BRITISH 4/5 PIN (B5&B4)



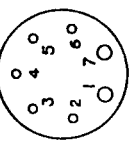
AMERICAN FIVE PIN (UX5)



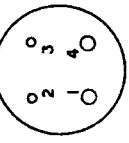
MAZDA OCTAL (MO8)



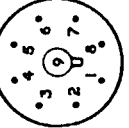
B7A



AMERICAN SMALL SEVEN PIN (SM7)



AMERICAN FOUR PIN (UX4)



AMERICAN OCTAL (B89 or B80)



B9D



SUB MINIATURE 8 PIN (B8D)



HIVAC FOUR PIN (SM4)



HIVAC FIVE PIN (SM5)



AMERICAN SEVEN PIN (UX7)



B7G



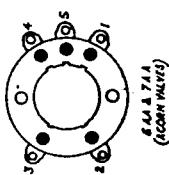
B9A



B30



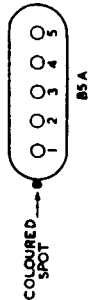
B5B



8 PINS 7 PINS
(ACORN HALVES)



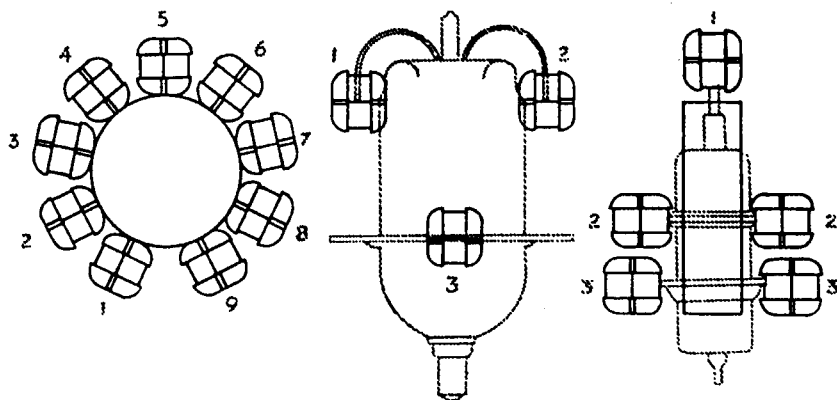
B8A



B5A

COLOURED SPOT

**DIAGRAM OF SPECIAL VALVE HOLDERS FITTED TO
THE AVO VALVE TESTER TYPE 160**
(bases are viewed from top of valve panel)



VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
0Z4	007 060 010		-		250		58	3kΩ	No Data Available	A08	CCR		
00	364 200 000		5	0	40		1.0	0.66	No Data Available	UX4	T		
00A	364 200 000		5	0	40		1.5	0.66	No Data Available	UX4	T		
01	364 200 000		5	4.5	90		2.5		80		UX4	T	
01A	364 200 000		5	9	150		3	0.8	80	0.7	UX4	T	
01AA	364 200 000		5	4.5	90		3.2	0.9	90	0.8	UX4	T	
01B	364 200 000		5	4.5	90		2.5	0.72	90	0.8	UX4	T	
06P90	653 420 000		0.6	1.1	20	20	0.05	0.1	No Data Available	B5A	P		
054V	642 310 000		4		100			4	100		B5	T	
0M4	642 300 000		4	2.0	150		4.0	1.4	125	1.4	B4	T	
I	281 300 000		6				60		REC	20mA	UX4	R	
1A3	281 008 300		1.4						D		B7G	D	
1A4	365 200 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A4E	365 200 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A4P	365 200 000	G1	2	3	90	75	2.2	0.7	80	75	0.7	UX4	P
1A4T	265 300 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A5	036 540 200		1.4	4.5	90	90	4 *	0.85	80	75	0.8	A08	P
1A6	266 453 000	G1	2	0	150	75	3	0.4	80	60	0.4	UX6	P
1A7	892 300 000		4				60		REC	20mA	B4	RR	
1A7	026 546 300	G1	1.4	0	90	50	1.8	0.5	80	60	0.5	A08	H
1A8	327 546 280		1.4		90	90	1.2	0.7	80	90	0.7	A08	DTP
1AB5	365 004 220		1.2	1.5	150	150	6.8	1.35	100	100		B8B	P
1AB6	265 461 300		1.4	4.1	60	60	1.65	0.1	No Data Available	B7G	H		
1AC5	*4* 23* 650		1.2	4.5	60	60	2.0	0.75	60	60	0.7	B8D	P
1AC6	266 464 300		1.4	4.0	60		4	2.2	80			B7G	H
1AD4	652 430 000		1.2	1.6	90	90	5.7	2.3	80	75	2.0	B5A	P
1AD5	*4* 23* 650		1.2	3.0	60	60	1.85	0.73	60	60	0.7	B8D	P
1AE4	265 024 300		1.2	0	90	90	3.5	1.55	90	80	1.5	B7G	P
1AE5	642 453 000		1.2		40	40	0.9	0.2	No Data Available	B5A	P		
1AP4	265 024 300		1.4	0	90	90	1.65	0.95	80	90	0.9	B7G	P
1AP5	208 564 300		1.4	0	90	90	1.1	0.6	80	90	0.6	B7G	DP
1AP33	208 564 300		1.4		60	60	1.6	0.5	No Data Available	B7G	DP		
1AP34	208 564 300		1.2		60	60	1.6	0.5	No Data Available	B7G	DP		
1AG4	653 420 000		1.2	3.6	40	50	2.4	1	No Data Available	B5A	P		
1AG5	658 243 000		1.2	2	40	40	0.2	0.2	No Data Available	B5A	DP		
1AH4	652 453 000		1.2		40	40	0.7	0.7	No Data Available	B5A	P		
1AH5	208 564 300		1.4	1.5	60	60	0.17	0.17	60	60	0.1	B7G	DP
1AJ4	265 124 300		1.4	0.8	75	75	1.4	0.65	80	75	0.7	B7G	P
1AJ5	658 243 000		1.2		40	40	1	0.4	No Data Available	B5A	DP		
1AK4	652 430 000		1.2		40	40	0.7	0.7	No Data Available	B5A	P		
1LA4	365 004 020		1.4	4.5	90	90	4	0.8	80	75	0.8	B8B	P
1AM4	265 024 300		1.4		90	60	2.4	0.3	80	60	0.2	B7G	P
1AN5	265 224 300		1.4	0	60	60	1.0	0.7	80	75	0.8	B7G	P
1AQ5	266 424 300		1.4		90	40			No Data Available	B7G	H		
1AR5	208 564 300		1.4		60	60	0.9	0.5	No Data Available	B7G	DP		
1AS4	265 024 300		1.4	0	90	90	1.6	0.85	100	90		B7G	P
1AS5	265 804 300		1.4		60	60	0.9	0.5	No Data Available	B7G	DP		
1AU3	030 000 200	D1	1.2						D		A08	D	
1AX2	230 232 032	D1	1.4						D		B9A	D	
1B3	020 000 300	D1	1.2						D		A08	R	
1B4	365 200 000	G1	2	3	200	60	1.7	0.6	100	60		UX4	P
1B4P	365 200 000	G1	2	3	90	75	1.6	0.6	80	60	0.6	UX4	P
1B4T(T)	265 300 000	G1	2	3	150	75	1.7	0.6	100	60	0.6	UX4	P
1B5	268 943 000		2	3	150		0.8	0.57	100		0.5	UX6	DDT
1B5L	368 942 000		2	3	100		0.8	0.5	100		0.5	UX6	DDT
1B6	265 406 300		1.4	1.5	90	75	1.5	0.75	80	75	0.7	B7G	P
1B7	026 546 300	G1	1.4	0	90	50	1.5	0.8	80	60	0.8	A08	H
1B8	037 546 280		1.4	6	90	90	0.1	0.3	80	60	0.1	A08	DTP
1C	289 300 000		6		90	90	6.3	1.1	80	75	1.1		
1C1	266 424 300		1.4	4	75		4.5	1.2	80		1.4	B7G	H
1C2	266 464 300		1.4	4	60		4	1.2	80		1.4	B7G	H
1C3	260 406 300		1.4	3	90		1.4	0.76	80		0.7	B7G	T
1C3	266 464 300		1.4		60		3		No Data Available	B7G	H		
1C4	365 200 000	G1	2	0	150	75	2.5	1	150	75	1	UX4	P
1C5	036 540 200		1.4	7.5	90	90	7.5	1.55	80	75	1.5	A08	P
1C6	366 452 000	G1	2	0	150	75		1	150	75	1	UX6	H
1C7	026 546 300	G1	2	0	150	75		1	150	75	1	A08	H
1C8	240 236 540		1.2	0	30	30	0.3		No Data Available	B8D	H		
1C91	624 300 000		1.2	2.5	150		7		100			B5A	T
1C91	026 447 300		1.2	2.5	125		7		100			A08	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
1D3	402 306 060		1.2	5	90		12.5	3.4	100			HMA	T
1D4	264 530 000		1.4	6	150	150	9.5	2.4	100	100	1.4	1X5	P
1D5	802 310 000		40				120		REC		60mA	B5	R
1D5BG	026 500 300	G1	2	3	150	60	2.2	0.7	100	60	0.6	A08	P
1D5G	026 503 000	G1	2	3	200	75	2.3	0.7	100	75		A08	P
1D5GP	026 500 300	G1	2	3	90	75	2.2	0.7	80	60	0.7	A08	P
1D5GT	026 500 300	G1	2	3	150	75	2.2	0.6	100	60	0.6	A08	P
1D6	280 183 000		25				60		REC		60mA	1X6	R
1D7	036 546 200	G1	2	0	150	75	3	0.42	150	75	1.0	A08	P
1D8	037 546 280	G1	1.4	0	90		1.1	0.5	80	75	0.5	A08	DTT
				9	90	90	5	0.9	80	75	0.9		
1D13	281 0*8 300		1.4						D			B7G	D
1DN5	265 804 300		1.4		60	60	2.1	0.6	No Data Available			B7G	DP
1E3	402 203 060		1.2	0	150		20	3.5	100			B9A	T
1E4	026 040 300		1.4	3	90		1.4	0.76	80		0.7	A08	T
1E5	036 500 200	G1	2	3	150	75	1.7	0.6	100	60	0.6	A08	P
1E5GP	036 500 200	G1	2	3	90	75	1.6	0.6	80	60	0.6	A08	P
1E7	036 447 250		2	4.5	150	150	7.5	1.43	100	100	1.4	A08	PP
1E8	240 236 540		1.2	0	60	60	1.8	0.74	No Data Available			B8D	H
1F1	265 024 300		1.4	0.8	75	75	1.4	0.65	80	60	0.7	B7G	P
1F2	265 024 300		1.4	1.0	90	75	2.9	0.92	80	75	0.9	B7G	P
1F3	265 024 300		1.4	1.0	90	50	1.9	0.75	80	60	0.7	B7G	P
1F4	364 520 000		2	3	90	90	4	1.4	80	75	1.4	UX5	P
1F5	036 540 200		2	3	90	90	4	1.4	80	75	1.4	A08	P
1P6	365 892 000	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	UX6	DEP
1P7	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	A08	DEP
1P7GV	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	A08	DEP
1P33	265 024 300		1.4		90	60	3.5	0.7	80	60	0.6	B7G	P
1P34	265 024 300		1.2		90	60	3.5	0.7	80	60	0.6	B7G	P
1P860	141 230 651		20		200	175	10	7.5	100	100	7	B9A	P
1FD1	2*8 564 300		1.4	1.5	60	60	0.17	0.17	80	60	0.1	B7G	DP
1FD9	208 564 300		1.4	1.0	75	75	1.6	0.63	80	75	0.6	B7G	DP
1G3	*2* 0*0 3*0	D1	1.2						D			A08	D
1G4	036 040 200		1.4	6	90		2.3	0.82	80		0.8	A08	T
1G5	036 540 200		2	6	90	90	8.5	1.5	80	75	1.5	A08	P
1G6	026 447 300		1.4	0	90		1.0	0.67	80		0.6	A08	TT
1H2	23* 232 *32	D1	1.4						D			B9A	D
1H3C	026 447 300		1.2	5.5	150		2.3	0.8	100			A08	TT
1H4	026 040 300		2	9	150		3	0.9	100		0.9	A08	T
1H5	036 080 200	G1	1.4	0.5	100		0.1	0.2	80		0.2	A08	DT
1H6	036 894 200		2	3	150		0.8	0.57	100		0.5	A08	DDT
1H33	265 424 300		1.4		90	60	1.6		80	60	0.3	B7G	H
1H34	265 424 300		1.2		90	60	1.6		80	60	0.3	B7G	H
1H35	265 454 300		1.4		90	40	0.6		No Data Available			B7G	H
1J3	020 000 300	D1	1.2						D			A08	D
1J5	036 540 200		2	16.5	150	150	7	0.95	100	100	0.9	A08	P
1J6	026 447 300		2	3	150		1.7		100			A08	TT
1J6GX	026 447 300		2	0	150		2		125			A08	TT
1K3	020 000 300	D1	1.2						D			A08	D
1K4	365 200 000	G1	2		150	75	2.5	1	150	75	1	UX4	P
1K5	026 500 300	G1	2		125	75	2.5	1	125	75	1	A08	P
1K5B	026 500 300	G1	2		125	75	1		125	75	1	A08	P
1K6	369 852 000	G1	2	3	150	90	0.9	0.6	100	75	0.6	UX6	DEP
1K7	026 895 300	G1	2	4.4	150	150	1.5	0.7	100	100	0.7	A08	DEP
1L4	265 024 300		1.4	0	90	75	2.9	0.92	80	75	0.9	B7G	P
1L5	026 540 300		2	6	200	200	10	2.4	100	150	2.4	A08	P
1L6	266 451 300		1.4	0	90	50	4	0.55	80	60		B7G	H
1L33	264 526 300		1.4	7	90	60	7.4	1.4	80	60		B7G	P
1L34	254 526 300		1.2	7	90	60	7.4	1.4	80	60		B7G	P
1L60	642 300 000		1		150		6.0	1.2	150		1.2	B4	T
1L84	365 004 020		1.4	4.5	90	90	4	0.85	80	70	0.8	B8B	P
1L91	652 430 000		1.2	4.5	40	40	1.2	0.5	No Data Available			B5A	P
1L861	041 230 651		20		200	200	15	9	100	100		B9A	P
1LA4E	365 004 020		1.4	4.5	90	90	3.5	0.8	80	75	0.8	B8B	P
1LA6	366 454 020		1.4	0	90	50	1.8	0.55	80	60	0.5	B8B	H
1LA6E	366 454 020		1.4	0	90	50	1.8	0.55	80	60	0.5	B8B	H
1LB4	365 004 020		1.4	9	90	90	5	0.9	80	75	0.9	B8B	P
1LB6	276 554 430		1.4	0	75		1.2		80			B8B	H
				0	90	75	0.4		80	75			

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
2K2	026 500 300	G1	2	2	100	100	2.5	0.9	100	100	0.9	A08	P	
2L32	264 536 200		1.4	7	60	60	7	1.5	60	60		B7G	P	
2L33	265 536 200		1.4	8.4	150	90	14.1	1.9	100	80		B7G	P	
2L34	264 536 200		1.4	7	60	60	7	1.5	60	60		B7G	P	
2L35	265 242 300		1.2		150	90	14.8	2.1	100	90		B7G	P	
2L35	265 143 200	D1	1.2	8.8	150	90	14.2	2.1	100	100		B7G	P	
2H2H	264 536 200		1.2	3.5	60	60	3.7	1.1	80	60		B7G	P	
2-01C	2** *** 300		5						D			B7G	D	
2P	642 300 000		2	22	250		40	7	100		7	B4	T	
2S	289 130 000		2.5				15		REC		10mA	UX3	RR	
2S/140G	208 130 800	D1	6.3				5		D			B7G	R	
2SC10	642 300 000		2.5	1	250		15	2.4	100			B4	T	
2T4	642 310 600		2.3	2.7	75		18	7	75		7	B7G	T	
2T/270K	112 311 100		4						REC		5mA	B7G	R	
2T14	642 300 000		2		150		2	0.6	125		0.6	B4	T	
2U15	642 300 000	D1	2		150		4	0.8	100		0.8	B4	T	
2V2	020 000 03*		2.5						D			A08	D	
2V3	020 000 300		2.5(3)						D			A08	R	
2V3	020 800 030		2.5				60		REC		20mA	A08	R	
2X2	300 200 000		2.5(3)						D			UX4	R	
2X2A	300 200 000	D1	2.5(3)						D			UX4	R	
2X3	020 800 030		2.5				120		REC		30mA	A08	R	
2XP	642 300 000		2	36	300		50	7	100		7	B4	T	
2T2	200 300 000		2.5				5		D			UX4	R	
2Z2	280 300 000		2.5				60		REC		20mA	UX4	R	
2.5C9	642 300 000	D1	2.5	4	250		8	2.2	100			B4	T	
3	642 300 000		2	7.5	150		3.4	0.9	100		0.9	B4	T	
3A2	230 232 032		3						D			B9A	D	
3A3	*2* 0*0 3*0		3						D			A08	D	
3A4	365 426 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	B7G	P	
3A5	264 347 200	G1	1.4	2.5	90		3.7	1.8	80		1.8	B7G	TT	
3A8	237 546 380		1.4	{ 0	90		0.2	0.3	80		0.3	A08	DTP	
3A/107A	264 300 000		4	{ 0	90	90	12	0.7	80	60				
3A/107B	642 300 000		4	8	150		6.5	1.6	100		1.6	UX4	T	
3A/108A	264 300 000		4	8	150		6.5	1.6	100		1.6	B4	T	
3A/108B	642 300 000	2	1.5	150		0.9	0.5	100		0.5	UX4	T		
3A/109A	264 300 000	D1	2	1.5	150		0.9	0.5	100		0.5	B4	T	
3A/109B	642 300 000		4	8	150		19	1.2	100		1.2	UX4	T	
3A/154H	260 0*4 130		6	8	150		19	1.2	100		1.2	B4	T	
3A/167H	2*0 61* 430		6	2	250		12	3	100		3	B8B	T	
			6.3	3.5	200		10	30	No Data Available			B8G	T	
3AB4	602 304 100	D1	3.1	2	250		10	5.5	100			B7G	T	
3AE4	365 004 230		1.4	9	90	90	1.8	1.6	80	75	1.6	A08	P	
3AP4A	642 314 600		3	4	100		15	6.6	100		7.5	B7G	T	
3AJ8	541 237 464		3.1	{ 3	100		5	2.3	100	60	2.3	B9A	TH	
3AL5	192 310 800		3	{ 2	250	100	6.5	2.4	150	100	2.4			
3AT4A	602 304 100	D1	3.1	1	200		11.5	6.7	100			B7G	T	
3AU6	412 365 100		3	1.0	250	150	10	5.2	100	150	5	B7G	P	
3AV6	412 398 600		3	2	250		1.2	1.6	200		1.6	B7G	DDT	
3AW3	*2* 0*0 3*0		3.1						D			A08	D	
3AY6	412 389 600		3	2	250		1.2	1.6	200		1.6	B7G	DDT	
3AZ4	020 809 030	D1	5				60		REC		15mA	A08	RR	
3B2	*2* 0** 3*0		3						D			B8A	D	
3B4	524 332 600		1.25	7.5	150	125		1.7	No Data Available			B7G	P	
3B5	036 540 320		1.4	7	75	75	6.7	1.5	80	60	1.5	A08	P	
3B7	364 204 730		1.4	0	90		5.2	1.85	80		1.8	B8B	TT	
3B24	320 200 000	D1	2.5				30		REC		15mA	UX4	R	
3B29	300 200 000	D1	2.5						REC				R	
3B/102B	643 210 000	A1	6		400		100	6	No Data Available			B5	T	
3B/240M	214 444 130		6	1	300		50	27	No Data Available			B8B	T	
3B/241H	214 444 130		19	1	300		50	27	No Data Available			B8B	T	
3B/252B	642 310 000	A1	6	20	400		60	10	100		8	B5	T	
3BA6	412 365 100		3	1	250	100	11	4.4	100	100	4.4	B7G	P	
3BC5	412 365 100		3	1.3	250	150	7.5	5.7	100	150	5.8	B7G	P	
3BE6	412 366 100		3.1	2	100	100	11	7	100	100	5	B7G	H	
3BP6	142 360 100		3.1	9	250		9.5	1.9	100			B7G	T	
3BN4	142 361 400	A1	2.8	2	150		9	6.8	100		6	B7G	T	
3BN6	412 354 600		3	1	60	60	0.5	1	80	60	1	B7G	P	
3BU8	157 231 461		3	1	100	60	1	1.5	100	60	1.5	B9A	PP	
3BX6	141 230 651		3.4	2	200	175	10	7.2	100	100	6	B9A	P	
3BT6	412 365 400		3	2.5	250	100	6.5	2.4	100	100	2.0	B7G	H	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
3BT7	141 230 651		3.2	1.8	250	75	8	5.7	100	75		B9A	P
3BZ6	412 365 100		3	1.0	150	125	14	8	200	150	6	B7G	P
3C2	020 *3* 2*0		1.5						D			A08	D
3C4	365 *24 300		1.4	5.2	90	90	5.0	1.4	80	75	0.7	B7G	P
3C5	036 540 320		1.4	9	90	90	6	1.4	80	75	1.4	A08	P
3C6	206 447 320		1.4	0	90		4.5	1.3	80		1.3	B8D	TT
3C24	200 300 000	A1 G1	6.3	3	400		4.5	1.2	100			UX4	T
3C36	412 365 100		3	2.2	200	150	9.5	6.2	100	150	6	B7G	P
3C96	412 365 100		3	1.0	150	125	13	8.0	100	150	6.0	B7G	P
3C95	412 365 100		3.1	2.1	200	150	9.5	6.2	100	100		B7G	P
3CP5	402 365 100		3.1		150	125	11	7.6	100	100		B7G	P
3CP6	412 365 100		3	1.0	150	125	12	7.8	100	150	6	B7G	P
3CS6	412 365 100		3	1.0	100	30	1.0	1.1	100		1.1	B7G	H
3CT5	412 365 100		2.9	1	150	75	10	9	100	80	8	B7G	F
3D6	365 004 230		1.4	4.5	150	90	10.2	2.4	100	75		B8B	P
3D21A	320 504 210	A1	6.3	30	400	300		5.5	No Data Available			A08	P
3DG4	414 234 464		2.6		150		12.5	14	No Data Available			B9A	T
3DG4	1*1 080 900		3.3				120		REC		30mA	A08	RR
3DK6	412 365 100		3.1	0.9	150	125	12	9.8	100	100	9.5	B7G	P
3DL4	414 234 464		2.6	1.2	150		12	14	No Data Available			B9A	T
3DT6	412 365 100		3	2.2	150	100	1.1	0.8	150	100	2.0	B7G	P
3F5	365 024 300		1.4	8	90	90	6	1.2	80	75	1.2	B7G	P
3E6	265 134 020		1.4	0	90	90	2.5	1.8	90	90	1.8	A08	P
3EA5	402 365 100		3	1	250	100	10	8	100	100		B7G	P
3EH7	141 230 651		3.4	2	200	90	12	12.5	No Data Available			B9A	P
3EJ7	141 230 510		3.4	2.5	200	200	10	15	No Data Available			B9A	P
3ER5	142 360 100		3.6	1.2	250		10	10.5	100			B7G	T
3ES5	142 360 100		3	1	200		15	9.5	100			B7G	T
3EY5	265 424 300		2.9		250	75	11.5	8.5	100	80		B7G	P
3FH5	142 360 100		3	1	150		11	9	100			B7G	T
3FQ5	142 360 100		2.8	1.2	150		11.5	11	100			B7G	T
3FQ5A	142 360 100		2.8	1.2	150		11	12	No Data Available			B7G	T
3FS5	412 365 100		2.9	0.2	300	150	9	10	No Data Available			B7G	P
3FY5	142 360 100		3.1	1	150		11	13	No Data Available			B7G	T
3G10	892 300 000		2.5				30		REC		15mA	B4	RR
3G130	892 300 000		2.5				30		REC		15mA	B4	RR
3GK5	142 360 100		2.8	1	150		11.5	15	No Data Available			B7G	T
3GS8	156 231 471		3.1		100	75	2	1.2	100	75		B9A	PP
3HM5	412 360 100		2.9	1.2	150		12.5	14.5	No Data Available			B7G	T
3HS8	157 231 461		3.1		100	75	2	0.4	100	75	0.4	B9A	PP
3L31	265 436 200		1.4	8.7	150	90	14.2	2.1	100	90		B7G	P
3L35	265 243 200		1.4		150	125	18.5		100	100		B/G	P
3LE4	365 004 230		1.4	9	90	90	1.8	1.6	80	75	1.6	A08	P
3LF4	365 004 230		1.4	4.5	90	90	8	2	80	75	2	B8B	P
3Q4	364 526 300		1.4	5	90	90	6.9	1.97	80	75	1.9	B7G	P
3Q5	036 540 320		1.4	4.6	90	90	9	2	80	75	2	A08	P
3S4	364 526 300		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
3V4	365 024 300		1.4	4.5	90	90	7.7	2	80	75	2	B7G	P
3S47	264 526 300		1.4	7	90	60	7.4	1.4	80	60	1.4	B7G	P
3SB6	036 540 200		1.4		90	60	1.4	0.6	80	60		A08	P
3W4	264 536 200		1.4	5.2	90	90	6.8	1.7	80	75	1.5	B7G	P
3Y4	264 536 200		1.4	5.4	60	60	5	1.2	80	60		B7G	P
3Y6A1	023 104 560		6.3		400	300		2	No Data Available			P8	P
3Z4	264 536 200		1.4	7	60	60	6.5	1.4	No Data Available			B7G	P
4	642 300 000		2	1	150		1	0.9	150		0.9	B4	T
4/100BU	892 300 000		4				120		REC		30mA	B4	RR
4A6G	026 447 230		2	1.5	90		1.2	0.9	80		0.9	A08	TT
4A07	642 300 000		4	2	100		1.4	1.2	100		1.2	B4	T
4A0RN	642 300 000		4		200		6	2.4	100			B4	T
4A10	642 300 000		4	2.5	150		6	1.8	125		1.8	B4	T
4A15	642 300 000		4		100		7	2	100		2.2	B4	T
4A80	642 310 000		4		150		6	2	150		2	B5	T
4A80N	642 310 000		4		200		6	2.4	100			B5	T
4A90	642 310 000		4		200		8	3.5	100		3	B5	T
4A120	642 310 000		4		150			1.4	125		1.4	B5	T
4A16	412 365 100		4	1	250	150	10	5.2	100	60	5.2	B7G	P
4AV6	412 389 600		4.2	2	250		1.2	1.6	100		1.2	B7G	DDT
4BA6	412 365 100		4.2	1	250	100	11	4.4	100	100	4.4	B7G	P
4BC5	412 365 100		4.2	1.3	250	150	7.5	5.7	100	150	5.7	B7G	P
4BC8	741 236 410		4.2	2.2	150		10	6.2	150		5	B9A	TT

VALVE	SELECTOR SWITCH No.	T.C.	V _T	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	I _a mA	mA/V	Anode Volts	Screen Volts	mA/V		
1LB7	265 104 130		1.4	3	40	40	1	0.3	No Data	Available		A08	P
1LC5	365 124 020		1.4	0	90	50	1.15	0.77	80	60	0.7	B8B	P
1LC6	266 454 030		1.4	0	90	50	3	0.55	80	60	0.5	B8B	H
1LD5	365 804 020		1.4	0	90	50	0.6	0.57	80	60	0.5	B8B	DP
1LE3	350 0*4 020		1.4	3	90		1.4	0.76	80		0.76	B8B	T
1LF3	260 004 020		1.4	3	90		1.4	0.76	80		0.7	B8B	T
1LG5	365 124 020		1.4	1.5	90	90	3.7	1.15	80	90	1.1	B8B	P
1LH4	260 804 020		1.4	0	90		0.15	0.27	80		0.2	B8B	DT
1LN5	365 124 020		1.4	0	90	90	1.6	0.8	80	90	0.8	B8B	P
1M5G	036 500 200	G1	2		150	75	2.5	1	150	75	1	A08	P
1LN5E	365 124 020		1.4	0	90	90	1.6	0.8	80	90	0.8	B8B	P
1N2	*2* *** 3*0	D1	1.2						D			A08	D
1N5	036 500 200	G1	1.4		90	90	1.2	0.7	80	75	0.7	A08	P
1N6	036 548 200		1.4	4.5	90	90	3.4	0.8	80	75	0.8	A08	DP
1NA31	802 208 300		5				15		REC		10mA	B7G	R
1P1	365 024 300		1.4	5.2	90	90	5.0	1.4	80	75	1.4	B7G	P
1P5	036 500 200	G1	1.4		90	90	2.3	0.7	80	90	0.7	A08	P
1P10	264 536 200		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
1P11	365 024 300		1.4	4.5	90	90	9.5	2.15	80	75	2	B7G	P
1Q5	036 540 200		1.4	4.5	90	90	9.5	2.2	80	75	2.2	A08	P
1Q6	040 238 650		1.25	0	60	60	1.6	0.6	No Data	Available		B8D	DP
1R	026 510 300	G1	1.4		90	90	1.2	0.7	80	90	0.7	A08	P
1R4	200 800 130		1.4						D			B8B	D
1R5	266 424 300		1.4	4	75		5	1.2	80		1.4	B7G	H
1R6	230 232 032	D1	1.2						D			B9A	D
1S2A	32* 323 *23	D1	1.4						D			B9A	D
1S4	264 526 300		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
1S4T	264 5*6 300		1.4	7	90	75	7.2	1.6	100	75		B7G	P
1S5	208 564 300		1.4	0	75	75	1.6	0.62	80	75	0.6	B7G	DP
1S5T	2*8 564 300		1.4		90	75	1.6	0.5	75	60		B7G	DP
1S6	604 238 050		1.2	0	60	60	1.6	0.6	No Data	Available		B8D	DP
1S6A	021 405 360		1.4	0	90	75	2.45	0.97	80	75	0.9	A08	P
1S6B	036 580 240		1.4	0	90	75	1.45	0.66	80	75	0.6	A08	DP
1T	036 500 320	G1	1.4	4.5	90	90	0.9	2.1	80	75	2.1	A08	P
1T2	123 000 000	D1	1.4						D			B3G	D
1T4	365 200 000		2	0	150	75	2.5	1	150	75	1	UX4	P
1T4	265 024 300		1.4	0	90	75	3.5	0.9	80	75	0.9	B7G	P
1T4T	265 024 300		1.4		90	75			80	75		B7G	P
1T5	036 540 200		1.4	6	90	90	6.5	1.15	80	75	1.1	A08	P
1T6	604 238 050		1.2	0	60	60	1.6	0.6	No Data	Available		B8D	DP
1U4	265 024 300		1.4	0	90	90	0.8	0.68	80	90	0.9	B7G	P
1U5	265 804 300		1.4	0	75	75	1.6	0.62	80	75	0.6	B7G	DP
1U6	266 541 300		1.4	0	75	50	1.7	0.3	No Data	Available		B7G	H
1V	281 300 000		6				60		REC		20mA	UX4	R
1V2	8** 230 **8		0.625						D			B9A	D
1V4	260 *24 300		1.25	0	150	100	1.6		125	100		B7G	P
1V5	*4* 23* 650		1.2	4.5	60	60	2	0.75	No Data	Available		B7G	P
1W4	892 300 000		4				30		REC		40mA	B4	RR
1W4	265 004 300		1.4	9	90	90	5	0.92	80	75	0.9	B7G	P
1W5	040 230 650		1.25	0	60	60	1.8	0.73	No Data	Available		B8A	P
1W50	842 300 000		1.0						D			B4	D
1X2	230 232 032	D1	1.2						D			B9A	R
1X2B	*2* *** **3	D1	1.2						D			B9A	D
1Y2	200 300 000	D1	1.4									UX4	R
1Y32	232 232 300	D1	1.4						D			B7G	D
1Y32T	232 232 300	D1	1.4						D			B7G	D
1Z1	020 000 300	D1	0.7						D			A08	D
1Z2	232 232 300	D1	1.2						D			B7G	D
1Z2S	2** *** 300	D1	1.2						D			B7G	D
2	642 300 000		2	4	150		1.5		100			B4	T
2/25A	200 300 000	D1	6				30		REC		18mA	UX4	R
2/50A	200 300 000	D1	5				60		REC		20mA	UX4	R
2A1H	026 546 300	G1	2		150	75	2.2		100	80		A08	H
2A3	264 300 000		2.5	45	250	60	5.2		100		5.2	UX4	T
2A3H	364 200 000		2.5	62	300	40	5.25		100		5.2	UX4	T
2A3V	264 300 000		2.5	45	250	60	5.2		100		5.2	UX4	T
2A5	265 413 000		2.3(3)	16.5	250	250	34	2.5	100	150	2.5	UX6	P
2A6	269 813 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
2A6S	269 813 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
2A7	265 541 300	G1	2.5	8	250	100	3.5	1.1	150	100	1.1	Sm7	H
2AF4	642 314 600		2.5	4.0	100		15	6.6	80		6.0	B7G	T
2B3	*20 000 3*0	D1	1.7						D			A08	D

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
2B5	267 413 000		2.5		300		9		No Data Available			UX6	TT
2B5	634 224 370		1.2	1	90		2.6	1.1	80		1.1	B8A	TT
2B7	265 891 300	G1	2.5	3	250	125	9	1.1	100	100	1	UX7	DEP
2B7S	265 891 300	G1	2.5	3	250	100	6	1	100	100	1	UX7	DEP
2R21	300 200 000	D1	2.5				5		D			UX4	R
2B22	021 010 310	D1	6						D			A08	D
2B25	200 800 300		1.4						D			B7G	D
2B26	280 300 000		2.5				120		REC	30mA		UX4	R
2B35	123 000 000	D1	6						D			B3G	D
2B36	123 000 000	D1	4						D			B3G	D
2B4	142 361 400		2	1.5	150		9	6.8	100		7	B7G	T
2B4A	142 361 400		2	1.5	150		9	6.8	100		7	B7G	T
2C21	217 461 300	G1	6	16.5	250		8.3	1.3	100		1.3	UX7	TT
2C22	020 000 310	A1 G1	6	10.5	300		11	3	100		3	A08	T
2C23	264 300 000		7.5	32	350		16	1.55	100		1.5	UX4	T
2C25	264 300 000		7	100	350		50		No Data Available			UX4	T
2C26	020 000 310	A1 G1	6	15	350		16		100			A08	T
2C26A	020 000 310	A1 G1	6	15	350		16		100			A08	T
2C40	*21 010 310	A1 G1	6	5	250		20		100			A08	T
2C43	*21 010 310	A1 G1	6.3		400		38		100			A08	T
2C45	364 200 000		7	40	250		29		100			UX4	T
2C48	265 004 130		6	15	250	250	70		100	150		B8B	P
2C50	461 471 230		12.6		200		18	2.9	100			A08	TT
2C50	265 004 130		12	15	250	250	70		100	150		B8B	P
2C51	214 607 413		6	2	150		8.2	5.5	125		5.5	B9A	TT
2C51L	214 607 413		6		150		8.2	5.5	100			B9G	TT
2C52	461 471 230		12.5	2	250		1.3	1.9	200		1.9	A08	TT
2CY3	412 365 100		2.5	1	150	80	10	8	125	75	8	B7G	P
2D1	289 130 000		2.5						D			UX5	DD
2D2	892 310 000		2						D			B5	DD
2D4	892 310 000		4						D			B5	DD
2D4A	892 310 000		4						D			B5	DD
2D4B	091 231 800		4						D			B7	DD
2D13	023 180 000	D2	13						D			B5	DD
2D13A	823 190 000		13						D			B5	DD
2D13C	892 310 000		13						D			B5	DD
2D21	412 316 100		6		400		50	6kΩ	No Data Available			B7G	THY
2DL4	414 234 464		2		150		12.5	14	No Data Available			B9A	T
2E22	254 130 000	A1	6	15	400	250	60	5.5	100	150		UX5	P
2E24	235 242 300	A1	3	18.5	400	200	16	3.2	200	100	3.2	A08	P
2E25	020 540 320		6	22.5	400	250	40		No Data Available			A08	P
2E26	125 141 300	A1	6	20	200	200	20	3.5	100	75	3.5	A08	P
2E30	413 365 200		3	20	250	250	40	3.7	100	100	3.7	B7G	P
2E31	652 430 000		1.25	0	20	20	0.4	0.5	No Data Available			B5A	P
2E32	652 430 000		1.25	0	20	20	0.4	0.5	No Data Available			B5A	P
2E35	652 430 000		1.25	0	20	20	0.27	0.38	No Data Available			B5A	P
2E36	652 430 000		1.25	0	20	20	0.27	0.38	No Data Available			B5A	P
2E41	658 243 000		1.25	0	20	20	0.36	0.37	No Data Available			P	
2E42	658 243 000		1.25	0	20	20	0.35	0.37	No Data Available			B5A	P
2E50	412 265 300		6	20	250	250	10	3.4	100	100		B7G	P
2E45	412 365 100		2.3	1	250	150	10	8	100	100		B7G	P
2E45	092 310 800		2.1						D			B7G	DD
2E55	092 310 800		2.1						D			B7G	DD
2E55	142 360 100		2.3	1.2	200		10		100			B7G	T
2E55	142 360 100		2.3	1	200		15	9.5	100		9.5	B7G	T
2E55	265 424 300		2.4		250	75	11.5	8.8	100	80		B7G	P
2F7	275 641 300	G1	2.5	3	100		4		100		3.8	UX7	TP
2F7				3	250	100	2.8		100	100			
2F45	142 360 100		2.3	1	150		11	9	100			B7G	T
2F45	142 360 100		2.3	1.2	150		11.5	11	100			B7G	T
2F45A	142 360 100		2.3	1.2	150		11	12	100			B7G	T
2F55	412 365 100		2.4	0.2	275	150	10	10	100	100		B7G	P
2FV6	265 424 300		2.4	1	150	75	10	8	100	80		B7G	P
2PY5	142 360 100		2.4	1.2	150		11	12	100			B7G	T
2GK5	142 360 100		2.3	1.2	150		11	15	No Data Available			B7G	T
2H1	026 447 300		2.1		150		3.2	2.1	100		2.1	A08	TT
2H1M	026 447 300		2	2	150		1.2	1	100			A08	TT
2H40	452 310 000	A1 A2	4		200	100	3.8	1.1	100	100	1.1	B5	PP
2HR8	501 236 014		2.1									B9A	P
2J2	230 232 032	D1	2		250	150	3	1.8	100	100		B9A	D

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
4BE6	412 366 100		4.2	2	100		11	7	100		5	B7G	H
4BL8	645 237 114		4.5	2	100		14	5	100		5	B9A	TP
4BN4	142 361 400		4	2.2	150	175	9	6.2	100	100	7	B7G	T
4BN6	142 354 600		4.2	1	60	60	0.5	1.0	80	60	1.0	B7G	P
4BQ7A	741 236 410		4	2	150		9	6.4	100		6	B9A	TT
4BS8	641 237 410		4.2	4.4	150		10	7.2	100		7	B9A	TT
4BU8	157 231 461		4.2	1	150	100	4	3.5	150	100	3.5	B9A	PP
4BX8	641 237 410		4.2	1	150		11	7.5	125			B9A	TT
4BZ6	412 365 100		4.2	1	100	100	12	8	100	100	8	B7G	P
4BZ7	741 236 410		4.2	2.2	150		10	6.8	100			B9G	TT
4BZ8	641 237 410		4.2	2	150		10	8	125		8	B9A	TT
4BZ11	741 236 410		4	2.2	150		10	6.8	100		6	B9A	TT
4C1	264 300 000		3	3	90		5	1	80		1	UX4	T
4C1A	264 300 000		3	3	90		5	1	80		1	UX4	T
4C2	642 310 000		4	5	150		11	2.5	125		2.5	B5	T
4C3	642 310 000		4	3.5	200		6	2.4	100		2	B5	T
4C4	642 310 000		4	3.5	200		6	2.4	100		2	B5	T
4C5	642 300 000		4	10	400		30	4	No Data Available			B4	T
4C101	023 004 060		4	45	250		60	6	100			P8	T
4C102	642 300 000		4	45	250		40	2	No Data Available			B4	T
4C103	642 300 000		4	35	250		45	3.5	No Data Available			B4	T
4CB6	412 365 100		4.2	1	150	125	13	8	125	125	8	B7G	P
4CE5	412 365 100		4.2	1	150	125	11	7.6	125	125	7.6	B7G	P
4CP6	412 365 100		4.2	2	200	150	9.5	6.2	100	100		B7G	P
4CP8	501 236 014		4.5	2	250	150	3	2	100	100		B9A	P
4CH4	641 234 146		3.6	1.5	200		12	14	No Data Available			B9A	T
4CS6	412 365 100		4	1	100	30	1	11	No Data Available			B7G	P
4CX7	641 237 410		4.2	10	150		9	6.4	150			B7G	TT
4CT5	412 365 100		4.2	1	150	80	10	8	125	75	8	B7G	P
4D1	000 231 600	G1	13	3	250		10	5	100		4	B7	T
4D80	642 310 000		4		100		2	1	100		1	B5	T
4DE6	412 365 100		4.2	1.1	150	125	15.5	8	100	100		B7G	P
4DK6	412 365 100		4.2	0.9	150	125	12	9.7	100	100	9.5	B7G	P
4DL4	414 234 464		4	1.2	150		12	14	No Data Available			B9A	T
4DT6	412 365 100		4.2		150	150	12	9	150	100	2	B7G	P
4DT6A	412 365 100		4.2		150	100	12	9	150	100	2	B7G	P
4E2	023 189 560	G1	4	14	250	275	72		100	100		8SC	DDP
4E4	023 110 560	G1	4	2	250	100	3	2.1	100	100		8SC	P
4E104	265 004 130		4	6	250	250	36	9	100	100		B8G	P
4E201	023 110 560		4	3	250	100	8	1.8	100	100		P8	P
4EH7	141 230 651		4.4	2	200	100	12	12.5	100	100		B9A	P
4EJ7	141 230 651		4.4	2.5	200	200	10	15	No Data Available			B9A	P
4ER5	142 360 100		4.2	1.2	200		10	10.5	100			B9A	T
4ES8	741 236 410		4	1.2	90		15	12.5	No Data Available			B9A	TT
4EV6	412 365 100		4.2	0.8	150	125	11	14	No Data Available			B7G	P
4FCT	146 234 417		3.8	1.2	90		15	12.3	80			B9A	T
4FS7	141 234 675		4.6	3	100		14	5.5	100	60		B9A	TP
4G30	892 300 000		4	1.2	200	150	10	1.2	100	100			
4G105	892 300 000		4				15		D			B4	RR
4G200	892 300 000		4				30		REC	15mA		B4	RR
4G5000	023 000 000	D1	4				60		REC	20mA		B4	RR
4GG1	892 300 000		4				30		REC	15mA		P8	R
4GG2	892 300 000		4				60		REC	20mA		B4	RR
4GG3	892 300 000		4				120		REC	30mA		B4	RR
4GG4	023 080 090		4				30		REC	15mA		P8	RR
4GK5	142 360 100		4	1	150		11.5	15	No Data Available			B7G	T
4GM6	412 365 100		4.2		150	125	14	13	No Data Available			B7G	P
4GS8	156 231 471		4.2		100	75	2	1.2	100	75		B9A	PP
4GZ5	142 345 600		4		250	250	16	8.5	100	100		B7G	P
4H07	642 300 000		4		150		3	1.1	100		1	B4	T
4H07X	642 300 000		4		150		3	1.1	100			B4	T
4H08	642 300 000		4		150		5	1.2	100		1	B4	T
4H80	642 300 000		4		150		3	1.1	100		1	B4	T
4HS8	157 231 461		4.2		100	75	2	0.4	100	75	0.4	B9A	PP
4K30	642 300 000		4	10	150		20	3.6	100		3	B4	T
4K32	642 300 000		4	15	200		30	3.6	100		3.0	B4	T
4K50	642 300 000		4	20	200		60	5	No Data Available			B4	T
4K60	642 300 000		4	20	300		60	3.5	No Data Available			B4	T
4K61	642 300 000		4		300		3		No Data Available			B4	T
4K100	642 300 000		4	3	300	200	50	4	No Data Available			B4	T
4L11	642 300 000		4		150		7	1.4	100		1.0	B4	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
4L12	642 300 000		4		150		9	2	100		1.5	B4	T
4L13	642 300 000		4		200		8	2	100		2	B4	T
4L13A	642 300 000		4	11	200		14	2.5	100			B4	T
4L14	642 300 000		4		200		10	2.2	No Data Available			B4	T
4L15	642 300 000		4		100			2.2	100		2.2	B4	T
4L16	642 300 000		4	8	150		100	2.2	100		2.0	B4	T
4L20	642 300 000		2		100			1.4	100		1.4	B4	T
4L28	642 300 000		4	4	150		10.5	4	100		3	B4	T
4L29	642 300 000		4	8	150		20	3.6	100			B4	T
4LMBT	642 310 000		4	1	200		3.4	2.6	100		2	B5	T
4MBT	642 310 000		4	1	200		3.4	2.6	100		2.6	B5	T
4MP12	412 365 400		4	6	200	175	25	5.5	100	100		B7G	P
4X08	642 300 000		4		100		8	1.2	100		1.2	B4	T
4X100	642 310 000		4		150			3.5	100		3	B5	T
4X110	642 310 000		4		200		5	1.5	100		1.3	B5	T
4NG	892 300 000		4				30		REC		15mA	B4	RR
4P25	642 300 000	G2	4	19	250	150	12	1.3	100	100		B4	P
4R-1H12	741 236 410		4.2	1	90		8.5	8	80			B9A	TT
4R-1H18	641 237 410		4.2	1	100		16	16	No Data Available			B9A	TT
4R-1H19	641 237 410		4.2		90		16	16	No Data Available			B9A	TT
4S	289 130 000		2.5						D			UX5	DD
4S09	542 300 000	A1	4		200		1	0.6	100			B4	P
4S120	542 310 000	A1	4		200		2	0.7	100	100		B5	P
4S121	542 310 000	A1	4		200	100	6	1	100	100		B5	P
4S126	542 310 000	A1	4	2	200	100	3	2	100	100		B5	P
4T1	642 314 600		4.7		75		16	6.6	75			B7G	T
4THA	645 231 700	G1	4	5	100		1.5	1.5	80	60	1.5	B7	TH
				2	250	100	3.5	2.5	100	100	2.2		
4TP	446 231 500	A2	4	5	150	150	16	4.5	150	100	4.5	B7	TP
4TPB	061 321 500	G1	4	3	250	150	12	8	100	100	7	B7	P
4TSA	045 231 600	A1	4		250	100	5	1.6	250	100	1.6	B7	P
4TSP	041 231 500	A1	4	3	250	150	12	8	100	100	7	B7	P
4U130	643 210 000		3.5		100			2.8	100			B5	T
4W03	642 300 000		4		80		0.04	1.1	80		1.1	B4	T
4W03N	642 300 000		4		200		0.4	1.1	100		1.0	B4	T
4W08	642 300 000		4		150				100			B4	T
4W100	642 310 000		4		200		1.5	3.5	100		3	B5	T
4W120	642 310 000		4		200		2	0.7	100			B5	T
4W200	642 310 000		4		150			3.3	100		3	B5	T
4X150A	512 141 314	A1	6.3	30	250	200	32	4.0	100	100		B9G	P
4XP	642 300 000		4	28.5	250		48	5	100		7	B4	T
4Z60A	023 080 090		4		30				REC		15mA	F8	RR
5A6	601 225 413		2.5	15	150	150	20		100	100		B9A	P
5A/102D	026 510 310	G1	7.5	18	200	150	42	2.5	100	100	2.5	A08	P
5A/136D	026 510 310	G1	7.5	5.5	250	150	5.2	2	100	100	2	A08	P
5A/137D	026 510 310		6.3	2	250	100	1.8		100	100		A08	P
5A/150A	265 113 00	G1	10	5.5	250	150	5.2	2	100	100	2	UX6	P
5A/152M	265 104 130		6	2	250	150	10	7.5	100	100	5	B8B	P
5A/155H	256 101 403		6	2	250	250		6.5	100	100	5	B9G	P
5A/156H	265 114 113		6	1.7	250	250	10	7.7	100	150	6	B9G	P
5A/157D	026 510 310	G1	6	2	250	100		1.8	100	100	1.8	A08	P
5A/159G	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/159H	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/160H	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/160K	412 361 500		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/163K	141 236 115		6	1.5	200	200	15	15	No Data Available			B9A	P
5A/170K	141 230 615		6.3	1.5	200	150	13	16.3	No Data Available			B9A	P
5A/171G	102 513 410	A1	6	5	100	100	20	2.7	100	100	2.5	B8D	P
5A/180M	412 365 400		6.3		200	150	26	32	No Data Available			B8G	P
5A/189K	412 361 500		6.3	2	250	250	10	7.6	100	100	5	B7G	P
5AN8	145 236 181		5	1.7	200	150	11.5	7.0	100	150	7.0	B9A	DP
5AN8	641 237 541		5	6	200		13	3.3	100	60	3	B9A	TP
				2.2	200	150	9.5	6.2	100	150	6		
5AQ5	412 365 400		5	12.5	250	250	45.0	4.1	100	150	4.0	B7G	P
5AR4	*30 809 020		5				120		REC		30mA	A08	RR
5AS4	030 908 020		5				120		REC		30mA	A08	RR
5AS4A	020 908 030		5				120		REC		40mA	A08	RR
5AS8	451 238 116		5	2.2	200	150	9.5	6.2	100	150	6.0	B9A	DP
5AT4	070 809 020		5.0									A08	R
5AT8	461 237 514		5	1	100		8.5	5.8	100	60	5	B9A	TP
				1.8	250	150	7.7	4.6	100	150	4		

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
5A14	020 R09 D30		5				180		REC		40mA	A08	R	
5AVR	146 234 157		5	{ 6	200		13	3.3	100	60		B9A	TP	
5AX4	020 R09 030		5	{ 2.2	200	150	9.5	6.2	100	100				
5AVR	641 237 541		4.7	{ 6	200		13	3.3	100	60	3	B9A	TP	
5AX4	020 R09 030		5	{ 2.1	200	150	9.5	6.2	100	150	6	A08	RR	
							60		REC		20mA			
5AZ4	020 R09 030		5				60		REC		20mA	B8B	RR	
5B1	542 300 000	A1	2	1	150	90	2	1.4	150	90	1.3	B9A	P	
5BR	146 234 157		5	{ 6	200		13	3.3	100	60	3	B9A	TP	
				{ 1.8	200	150	9.5	6.3	100	150	6			
5B/110N	265 104 130		6	6	250	150	38	6.5	100	100	5	B8B	P	
5B/250A	254 130 000	A1	6	6	12.5	400	250	83	6.3	100	150	6	UX5	P
5B/251H	215 044 130	A1	6	15	250	250	72	6	100	100	5	B8B	P	
5B/252H	265 044 130		6	15	250	250	72	6	100	100	5	B8B	P	
5B/253M	265 044 130		19	15	250	250	72	6	100	100	5	B8B	P	
5B/254M	215 144 130	A1	6	20	300	250	50	5.6	100	100	5	B8B	P	
5B/255M	265 144 130		6	20	300	250	50	5.6	100	100	5	B8B	P	
5B/256M	215 144 130	A1	19	20	300	250	50	5.6	100	100	5	B8B	P	
5B/257M	265 144 130		12	20	300	250	50	5.6	100	100	5	B8B	P	
5B/258M	215 144 130		19	14	250	250	72	6	No Data Available			B8B	P	
5B/354D	*36 541 210		6.3	20	300	150	90	10	No Data Available			A08	P	
5B/355D	*36 541 210		6.3	20	300	150	90	10	No Data Available			A08	P	
5BC3	2*3 *9* **8		5				120		REC		40mA	B9A	RR	
5REN	461 237 414		4	{ 1	150		18	8.5	100	60	7	B9A	TP	
				{ 1	250	100	10	5.2	150	100	5			
5BK7A	741 236 411		5	2	150		10.7	9.3	100		9	B9A	TT	
5BQ7A	741 236 410		5.6	2	150		9	6.4	100		5	B9A	TT	
5BR8	461 237 514		5	{ 1	150		18	8.5	100	60	8	B9A	TP	
				{ 0.9	250	100	10	5.2	100	100				
5BS8	641 237 410		5.6		150		10	7.2	100			B9A	TT	
5BTR	981 236 541		4.7	2.2	200	150	9.5	6.2	100	100		B9A	DDP	
5BW8	918 234 156		4.7	1.1	250	100	10	5.2	100	100		B9A	DDP	
5BX7	641 237 410		5.6		150		10	6.8	100		6.8	B9A	TT	
5BZ7	741 236 410		5.6	2.2	150		10	6.8	100		6	B9A	TT	
5CG4	030 R09 020		5				60		REC		20mA	A08	RR	
5CG8	461 237 514		4.7	{ 0.9	100		8.5	5.8	100	60	5.8	B7G	TP	
				{ 1.9	250	150	7.7	4.6	100	100				
5CL8	461237 514		4.7	{ 0.9	150		15	8	100		0.8	B9A	TP	
				{ 1	150	125	12	5.8	100	100	5.5			
5CM6	504 234 106		4.7	12.5	250	250	45	4.1	100	100	4	B9A	P	
5CM8	641 237 514		4.7	2	250		1.8	2	100	60		B9A	TP	
				{ 2.2	200	150	9.5	6.2	100	100				
5CQ8	645 237 114		4.2	{ 0.8	150	125	15	8	100		8	B7G	TP	
				{ 1	150	12		5.8	125	125	9.5			
5CR8	641 237 514		4.7	{ 2	125	125	13	7	100	60	4	B9A	TP	
5CU4	120 R09 030		5		125		180		REC		60mA	A08	RR	
5CZ5	504 234 1*6		45	6.7	100	100	43	9	100	100		B9A	P	
5DH8	461 237 514		5.2	{ 2.5	250		7	4.4	100	60	4	B9A	TP	
				{ 1	150	125	13	8.6	125	125	8.6			
5DJ4	228 R99 330		5.0				120		REC		40mA	A08	RR	
5DN4	228 R99 330		5				120		REC		40mA	A08	RR	
5E255	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P	
5E415	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P	
5EA8	645 237 114		4.7	{ 1	150		18	8.5	100		8.5	B9A	TP	
				{ 1	150	125	12	6.4	100	100	6.4			
5EH8	146 231 457		4.7	{ 1	150		13.5	7.5	100	60		B9A	TP	
5ES8	641 237 410		5.6	1.2	150	125	12	6	100	100		B9A	TT	
				{ 1	50		15	12.5	100					
5EU8	745 231 415		4.7	{ 1	150		18	8.5	100	60		B9A	TP	
5EW6	412 365 100		5.6	0.8	150	125	12	6.4	100	100				
							14	No Data Available				B7G	P	
5FC7	146 234 117		5.1	1.2	100		15	12.3	No Data Available			B9A	TT	
5FG7	461 237 514		4.7	{ 1	150		13	7.5	100	60	7	B9A	TP	
				{ 1	150	125	11	6	100	100	6			
5PY8	461 237 514		4.7	{ 1	150		14	8	100	60	8	B9A	TP	
				{ 1	150	125	12	6.5	100	100	6.5			
5GK18	020 R09 030		5						REC			A08	RR	
5GK20	030 R09 020		5				120		REC		40mA	A08	RR	
5GK22	030 R09 020		5						REC			A08	RR	
5GK24	030 R09 020		5				120		REC		30mA	A08	RR	
5GH8	645 237 114		4.7	{ 1	150		13	8.5	100	60		B9A	TP	
				{ 1	150	125	12	7.5	100	100				
5GM6	412 365 000		5.6	56	150	150	14	13	No Data Available			B7G	P	
5GX6	412 365 100		4.7		150	100	3.7	3.7	100	100		B7G	P	

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
5J6	672 344 100		5	0.8	100		8.5	5.3	100		5.3	B7G	TT
5MK9	002 380 000		5	3	150		5	4.5	100		5.3	B7G	R
5PH13	672 344 100		4.7	1	100		11	7.5	100		20mA	B7G	R
5M-BH3	142 360 100		4.7	1	100		11	7.5	100		7.5	B7G	TT
5P29	120 540 310	A1	6	7	250	250	109	14.3	No Data Available			A08	P
5Q5	036 540 320		1.4	4.6	90	90	4.5	2	80	75	2	A08	P
5R4	020 809 030		5(5.7)				60		REC		25mA	A08	RR
5R4GT	020 809 030		5(5.7)				60		REC		20mA	A08	RR
5R-DDR1	911 238 641		4.7	2	250		1.6	1.6	100		1.6	B9A	DDT
5RB95	641 227 413		4.6	1	100		0.6	0.3	100		0.3	B9A	TT
5RK16	800 230 090		5				120		REC		30mA	B9A	RR
5T4	020 809 030		5				120		REC		30mA	A08	RR
5T4A	041 231 500	A1	4	4.5	250	150	4.5	1.7	100	100		B7	P
5T8	191 238 146		5	3	250		1.0	1.2	150		1.3	B9A	DDDT
5U4	020 809 030		5(5.7)				120		REC		70mA	A08	RR
5U8	645 237 114		5	1	150		18	8.5	100	60	7	B9A	TP
5V3	020 809 030		5	1	250	100	10	5.2	100	100	5	A08	RR
5V4	030 809 020		5(5.7)				120		REC		30mA	A08	RR
5V6	026 540 310		4.7	12.5	250	250	45	4.1	100	150	4	A08	P
5V4	020 809 030		5				60		REC		20mA	A08	RR
5X3	289 300 000		5				15		REC		10mA	A08	RR
5X4	008 090 230		5				120		REC		30mA	A08	RR
5X8	146 231 457		5	1	100		8.5	5.8	100		5	B9A	TP
5Y3GB	030 809 020		5(5.7)	1.8	250	150	7.7	4.6	100	150	4	A08	RR
5Y3GR	020 809 030		5(5.7)				60		REC		20mA	A08	RR
5Y3GT	020 809 030		5(5.7)				60		REC		20mA	A08	RR
5Y4	008 090 230		5				60		REC		30mA	A08	RR
5Y4SG	008 090 230		5				60		REC		20mA	A08	RR
5Z3	289 300 000		5(5.7)				120		REC		30mA	UX4	RR
5Z4	030 809 020		5(5.7)				60		REC		40mA	A08	RR
5Z10	030 809 020		5(5.7)				60		REC		40mA	A08	RR
5Z10	020 908 030		5				120		REC		30mA	B8A	RR
6/30L2	741 236 410		6.3	7.9	200		10	3.4	100	100	3	B9A	TT
6A3	264 300 000		6	36	250		60	5.25	100		5	UX4	T
6A4	264 530 000		6	9	150	150	14	1.9	100	100	1.9	UX5	P
6A5	026 040 310		6	45	250		60	5.25	100		5	A08	T
6A6	274 146 300		6	5	250		3.0	1.6	100		3.1	UX7	TT
6A7	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sn7	H
6A7E	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sn7	H
6A7S	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sn7	H
6A8GT	026 545 310	G1	6	8	250	100	3.5	1.1	100	100	1.1	A08	H
6A10C	026 541 340		6		250	100	3.5		100	100		A08	H
6AB4	602 304 100		6	2	250		10	5.5	100		5.5	B7G	T
6AB6	026 740 310		6.3		250		34	1.8	100		1.8	A08	TT
6AB7	021 415 360		6	3	300	200	12.5	5	100	150	5	A08	P
6AB8	641 237 154		6	2	100		4	1.4	100	60	1.4	B9A	TP
6AC5	026 040 310		6	8	200	200	17.5	3.5	100	150	3.5	A08	T
6AC6	026 740 310		6	0	250		2.5		No Data Available			A08	TT
6AC7	021 415 360		6		200		45	2	100		2	A08	TT
6AD4	402 013 080		6	2	300	150	10	9	100	100	8	A08	P
6AD5	402 013 080		6	11.5	100		1.4	2	100		2	B8B	T
6AD7	026 040 310		6	1	250		0.9	1.5	200		1.5	A08	T
6AD7	427 546 310		6	25	250		4	0.3	100	60	0.3	A08	TP
6AD8	541 236 891		6	16.5	250	250	34	2.5	100	150	2.5	A08	TP
6AE5	026 040 310		6	2.0	250	90	6.7	1.1	100	90		B9A	DDP
6AE5	026 040 310		6	15	100		7	1.2	80		1.2	A08	T
6AE6	026 740 310		6	1.5	250		6.5	1	200		1	A08	TT
6AE7	026 414 310		6	13.5	250		10	3	100		3	A08	TT
6AEN	541 237 46*		6	2	100		5.2	2.2	100	60	2.8	B9A	TH
6AF3	*** 23* **8	C	6	2	250	90	3.5		150				
6AF4	642 314 600		6	4	100		120		REC		40mA	B9A	R
6AF4A	642 314 600		6				15	6.6	80		6	B7G	T
6AF4A	642 314 600		6	3	100		20	7.5	100		7.5	B7G	T
6AF5	026 040 310		6	18	200		7	1.5	100		1.5	A08	T
6AG5	412 365 100		6	1.5	250	150	6.5	5	100	100	5	B7G	P
6AG6	026 540 310		6	6	250	250	32	10	100	150	9	A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6AG7	120 415 360		6	3	300	150	30	11	100	100	410	AOR	P
6AH4	420 060 310		6	23	250		30	4.5	100			AOR	T
6AH5	520 604 310		6	18	350	250	54	5.2	100	150	5	AOR	P
6AR6	412 365 100		6	2	300	150	10	9	100	100	8	B7G	P
6AR7	461 471 230		6	16	250		10	2.2	100		2.2	AOR	TT
6AR7GT	417 146 230		6	9	250		12	2.4	100		2.4	AOR	TT
6AJ4	414 464 234		6	2	125		8	7	100		10	B9A	T
6AJ5	412 369 100		6	7.5	200	175	2.9	2.7	100	75		B7G	P
6AJ7	020 415 360		6		300	150	10	9	150		7.5	AOR	P
6AJ8	541 237 164		6	3	100		5	2.3	100	60	2.3	B9A	TH
				2	250	100	6.5	2.4	150	100	2.4		
6AK4	402 013 060		6	2.5	250		9.5	3.8	100		3	BND	T
6AK5	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
6AK6	412 365 100		6	9	200	175	15	2.3	100	100	2.3	B7G	P
6AR7	120 415 360		6	3	300	150	30	11	100	100	9	AOR	P
6AR8	791 238 146		6	3	250		1.0	1.2	100		1.3	B9A	DDDT
6AL3	*** 23* **8	C	6						D			B9A	D
6AL5	192 310 800		6						D		6.0	B7G	DD
6AL6	020 540 310		6	14	250	250	72	6	100	150	6	AOR	P
6AL7	426 891 310		6	6	300				100			AOR	DDDT
6AM4	414 464 234		6	1	200		10	9.8	100		6	B9A	T
6AM5	412 360 500		6	13.5	250	250	16	2.6	100	150	2.6	B7G	P
6AM6	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	P
				1.5	200	150	4	6.4	100	150	5		
6AM8	145 236 181		6	1.7	200	150	11.5	7	100	150	7	B9A	DP
6AN8A	145 236 181		6	1.7	200	150	9.5	5.8	100	150	7	B9A	DP
6AN4	642 314 600		6	1.3	200		13	10	100			B7G	T
6AN5	412 365 100		6	6	150	125	35	8	100	100	7	B7G	P
6AN6	289 711 300		6						D			B7G	DDDT
6AN7	541 230 764		6	2	100		5	2	100	60	2.8	B9A	TP
				2	250	100	3	0.7	100	100			
6AN8	641 237 541		6	6	200		13	3.3	100	60	3	B9A	TP
				2.2	200	150	9.5	6.2	100	150	6		
6AN8A	641 237 541		6	6	200		13	3.3	100	60	3	B9A	TP
				2.2	200	150	9.5	6.2	100	100	6		
6AQ4	412 314 600		6	2	250		6	8.5	200		8	B7G	T
6AQ5	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
6AQ5A	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
6AQ6	412 398 600		6	3	250		1.0	1.2	150		1.2	B7G	DDT
6AQ7	918 461 230		6	2	250		2.3	1.6	100		1.6	AOR	DDT
6AQ8	741 236 410		6	2.3	250		10	5.5	100		5	B9A	TT
6AR5	412 365 000		6	16	250	250	34	2.4	100	150	2.4	B7G	P
6AR6	106 052 430		6	36	300	300	58	4.3	100	150	4.3	AOR	P
6AR7	461 891 230		6	2	250		1.3	1	200		1	AOR	DDT
6AR7GT	206 598 130		6	2	250	100	7	2.5	100	100	2.5	AOR	DDP
6AR8	115 324 166		6	3	250	250	10	4	100	100		B9A	P
6AS4	001 080 230		6						REC			AOR	R
6AS5	142 345 600		6	8.5	150	125	35	5.6	100	100	5	B7G	P
6AS6	412 365 100		6	2	150	125	5.5	3.5	100	100	3.5	B7G	P
6AS6	471 461 230		6	40	100		50	7	100			AOR	TT
6AS7	471 461 230		6	40	100				No Data Available			AOR	TT
6AS8	541 238 116		6	2.2	200	150	9.5	6.2	100	150	6	B9A	DP
6AT6	412 389 600		6	3	250		1	1.2	100		1.2	B7G	DDT
6AT7	641 237 410		6	2	250		10	5.5	100	60	5	B9A	TT
				1	100		3.7	4	100		4		
6ATR	461 237 514		6	1	100		8.5	5.8	100	60	5.8	B9A	TP
				1.8	250	150	7.7	4.6	100	150	4		
6AT8A	461 237 514		6	1	100		8.5	5.8	100	60	5.8	B9A	TP
				1.8	250	150	7.7	4.6	100	100	4		
6A14	001 080 230		6				120		REC			40mA	AOR
6AL5	421 060 350		6	20	200	150	50	5.6	80	60	6	AOR	P
6AL6	412 365 100		6	1	250	150	10	5.2	100	100	3.9	B7G	P
6AL6A	412 365 100		6	1	250	150	10	5.2	100	100	3.9	B7G	P
6AL7	641 227 413		3	8.5	250		10	2.2	100		2	B9A	TT
6AL8	146 231 457		6	1.2	150		8.5	4.8	100	60	5	B9A	TP
				1.5	200	125	15	7	100	100	7		
6AL8A	146 231 457		6	1.5	200	125	15	7	100	100	7	B9A	TP
6AV4	802 309 100		6				30		REC		15mA	B7G	RR
6AV5	421 060 350		6	22.5	250	150	57	5.9	100	100	5.8	AOR	P
6AV6	412 389 600		6	2	250		1.2	1.6	100		1.2	B7G	DDT
				6	200		13	3.3	100	60	3	B9A	TP
6AV8	464 231 751		6	2.2	200	150	9.5	6.2	100	150	6		
6AW4	289 130 000		6				30		REC		15mA	UX5	RR

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6AV5	208 190 310		6				30		REC		15mA	A08 RR	
6AV6	412 365 100		6	1.8	250	150	7	5	100	150	5	B7G P	
6AV7	149 816 230		6	0	100		1.4	1.2	100		1.2	A08 DDT	
6AV8	146 231 457		6	{ 2	200		4	4	100	60	4	B9A TP	
6AX2	23* 232 *32	D1	6	{ 3	200	150	13	9	100	100	9	B9A R	
							120		REC		30mA		
6AX4	001 080 230		6				120		REC		35mA	A08 R	
6AX5	029 080 310		6				60		REC		20mA	A08 RR	
6AX6	028 190 310		6				120		REC		30mA	A08 RR	
6AX7	641 227 413		3	2	250		1.2	1.6	100		1.2	B9A TT	
6AX8	546 237 114		6	{ 1	150		18	8.5	100	60	8	B9A TP	
				{ 1.2	250	100	10	4.8	100	100			
6AT3B	*8* 23* 8*1		5				180		REC		60mA	B9D R	
6AT3	*8* 23* 810		6				120		REC		30mA	B9A R	
6AT5	023 540 310	A1	6	12.5	250	250	47	4.1	100	150	4	A08 P	
6AT8	026 589 310	G1	6	5	250	100	52	9.5	100	90	9	A08 DDP	
6AZ5	810 230 190		6						D			B8A DD	
6AZ6	083 113 900		6						D			B8A DD	
6AZ8	751 324 164		6	{ 6	200		13	3.3	100	60	3	B9A TP	
				{ 2.3	200	150	9.5	6	100	100	6		
6B3	080 230 808	C	6						D			B9A R	
6B4	026 040 300		6	45	250		60	5.2	100		5	A08 T	
6B4	036 040 200		6	45	250		60	5.2	No Data Available			B8A T	
6B6	026 890 310	G1	6	2	250		0.9	1.1	100		1.1	A08 DDT	
6B7	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7 DDP	
6B7E	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7 DDP	
6B7S	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7 DDP	
6B8	026 985 310	G1	6	3	250	150	10	1.3	100	100	1.3	A08 DDP	
6B8G	026 985 310	G1	6	3	250	150	9	1.1	100	100	1.3	A08 DDT	
6B8SG	026 985 310	G1	6	3	250	150	9	1.1	100	100	1.2	A08 DDP	
6B11	276 454 130		6	{ 3	100		5	2.3	100	60	2.3	B9A TH	
				{ 150	125		5		100	100			
6B31	821 013 900		6.3						D			B7G DD	
6B32	182 311 900		6.3				5		D			B7G DD	
6BA3	*8* 23* 8*1		6.3				180		REC		35mA	B9A R	
6BA5	402 063 510		6	2	100	100	5.5	2.1	100	100	2	B8A P	
6BA6	412 365 100		6	1	250	100	11	4.4	100	100	4.4	B7G P	
6BA7	641 231 106		6	2	100		18	7.0	100		7	B9A H	
6BA8	146 231 457		6	{ 8	200		8	2.7	100	60	5	B9A TP	
				{ 2.5	200	150	13	9	100	100	9		
6BA8A	146 231 457		6	{ 8	200		8	2.7	100	60	2.5	B9A TP	
				{ 2.5	200	150	13	9	100	100			
6BC4	644 231 446		6	1.5	150		14.5	10	100		10.0	B8A T	
6BC5	412 365 100		6	1.3	250	150	7.5	5.7	100	150	5.7	B7G P	
6BC7	180 239 111		6						D			B9A RRR	
6BC8	741 236 410		6	2.2	150		10.0	6.2	150		5	B9A TT	
6BC32	412 389 600		6.3	2	250		1	1.6	100		1.2	B7G DDT	
6BD5	421 060 350		6	12	200	200		5	100	100	5	A08 P	
6BD6	412 365 100		6	3	250	100	9	2	100			B7G P	
6BD7	641 238 09*		6	3.0	250		1.0	1.2	150		1.2	B9A DDT	
6BD7A	641 238 09*		6.3	3	250		1	1.2	150		1.2	B9A DDT	
6BE6	412 365 400		6	1.5	250	100	3	2.75	100			B7G H	
6BE7	541 236 114		6	1	250	20	0.95	0.7	No Data Available			B9A X	
6BE8	461 237 514		6	{ 1	150		18	8.5	100	60	8	B9A TP	
				{ 1	250	100	10	5.2	100	100			
6BF5	412 265 400		6	7.5	100	100	36	7.5	100	90	7	B7G P	
6BF6	412 398 600		6	9	250		9.5	1.9	100		1.9	B7G DDT	
6BF7	642 113 470		6	0.8	100		8	4.8	100		4.8	B8D TT	
6BG6	021 040 350	A1	6	15	250	250	75	6	No Data Available			A08 P	
6BG7	742 113 460		6	0.8	100		8	4.8	100		4.8	B9A TT	
6BH3	*8* 23* 8*1		6.3				180		REC		50mA	B9D R	
6BH5	541 236 000		6	2.5	250	100	6	1.7	150	100	1.7	B9A P	
6BH6	412 365 100		6	1	250	150	7.4	4.6	100	100	3.4	B7G P	
6BH6	141 230 651		6.3	5	250	250	40	20	No Data Available			B9A P	
				{ 150			9.5	3.3	100	60		B9A TP	
6BH8	146 32 457		6	{ 1.6	200	125	15	7	100	100			
6BJ5	412 36* 500		6	5	250	250	35	10.5	100	150	10	B7G P	
6BJ6	412 365 100		6	1	250	100	9.2	3.6	100	100	3.6	B7G P	
6BJ7	110 239 181		6						D			B9A DDI	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6BJ8	645 237 114		6.3	8.5	250		10.5	2.2	100	60		B9A	TP
6BJ8	811 239 641		6	3	250	100	3	1.6	100	100		B9A	DDI
6BK5	604 231 450		6	9	250		8	2.8	100			B9A	P
6BK6	412 389 600		6	5	250	250	35	8.5	100	150	8	B7G	DDT
6BK7	741 236 410		6	2	250		1.2	1.6	100		1.6	B7G	TT
6BK7	741 236 410		6	1.0	100		9	6.1	100		6.0	B7G	TT
6BK7A	741 236 410		6	2	150		10.7	9	100		9	B9A	TT
6BK7B	741 236 410		6	2	150		10.7	9	100		9	B9A	TT
6BK8	501 236 014		6		150	150	3	1.8	100	100		B9A	P
6BL4	*11 *8* 230		6				180	REC			40mA	A08	R
6BL7	*41 461 230		6	9	250		40	7	100		6	A08	TT
6BL8	645 237 114		6	2	100		14	5	100	60	5	B9A	TP
6BR5	412 365 400		6	2	200	175	10	6.2	100	150	6	B9A	P
6BR5	412 365 400		6	6	250	250	30	7	No Data Available			B9A	P
6BR8	414 237 516		6	1	200		3.7	2.5	100	60	2.5	B9A	TP
6BR8	414 237 516		6	16	200	200	35	6.4	100	100	6	B9A	P
6BN4	142 361 400		6	2.2	150		9	7	100		7	B7G	T
6BN5	441 231 615		6	10.8	250	225	26	3.2	100	150	3.2	B9A	P
6BN6	142 354 600		6	1	60	60	0.5	1.0	80	60	1	B7G	P
6BN8	811 239 641		6.3	3	250		1.6	2.5	100		3.5	B9A	DDT
6BN8	026 895 310	G1	6	3	250	150	9	1.1	100	100	1.1	A08	DDP
6BP16	260 153 041		6.3		150	150	50	26	No Data Available			B9A	P
6BS5	*41 233* 6*5		6	7.3	250	250	48	11.3	100	150	10	B9A	P
6BS6	020 540 310	A1	6	22.5	250	150	57	5.9	100	100	5	A08	P
6BS7	741 236 410		6	2	150		9	6	150		6	B9A	TT
6BS7A	741 236 410		6	2	150		9	6	100		5	B9A	TT
6BR7	041 230 651		6	3	250	100	2	1.2	100	100	1.2	B9A	P
6BR8	461 237 514		6	1	150		18	8.5	100	60	8	B9A	TP
6BR8	461 237 514		6	0.8	250	100	10	5.2	100	100		B9A	TP
6BR22	601 420 135		6.3		150	125	25	31	No Data Available			B9A	P
6BS3	*8* 23* 8*1		6.3				180	REC			40mA	B9D	R
6BS4	642 314 600		6	4	100		16	8	100		8	B7G	T
6BS5	541 236 *1		6	7.5	250	250	50	7	100	100		B9A	P
6BS7	001 230 651	G1	6	3	250	100	2	1.2	100	100	1.2	B9A	P
6BS8	641 237 410		6	2.2	150		10	7.2	100		7	B9A	TT
6BL4	280 009 130		6				30	REC			15mA	B8A	RR
6BL6	412 389 600		6	3	250		1	1.2	150		1.2	B7G	DDT
6BL8	891 236 541		6	2.2	200	150	9.5	6.2	100	100		B9A	DDP
6BW6	412 389 600		6	9	150		9.5	1.9	100		1.9	B7G	DDT
6BX8	157 231 461		6		100	60	2.2	1.5	100	60		B9A	PP
6BY7	865 239 141		6	5	250	250	38	10	100	150	10	B9A	DDP
6BV8	146 239 118		6	3.7	200		11	5.6	100			B9A	DDT
6BW4	800 230 901		6				30	REC			15mA	B9A	RR
6BW6	*41 230 651		6	13	300	225	34	3.7	100	150	3.7	B9A	P
6BW7	141 230 651		6	2.4	250	250	9.7	8.2	100	100	7	B9A	P
6BW8	918 234 156		6.3	1.1	250	100	10	5.2	100	100		B9A	DDP
6BX4	802 309 100		6				30	REC				B7G	RR
6BX6	141 230 651		6	3	200	200	8	7.2	100	100	7	B9A	P
6BX7	471 461 230		6	16.4	250		42	7.6	100		6	A08	TT
6BX8	641 237 410		6	5	150		11	7.5	125		7	B9A	TT
6BT5	120 980 310		6				60	REC			20mA	A08	RR
6BT6	412 365 400		6	2.5	250	100	6.5	2.4	100	100	2	B7G	H
6BT7	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
6BT8	411 238 651		6.3	1.1	100	100	5	3.9	100	150	10	B9A	DP
6BZ6	412 365 100		6	1	100	125	14	8	125	125	7	B7G	P
6BZ7	741 236 410		6	2.2	150		10	6.8	100		6	B9A	TT
6BZ8	641 237 410		6	1	150		10	8	125		8	B9A	TT
6C2C	026 447 300		6.3	8	250		9	2.6	100			A08	TT
6C3M	026 040 300		2	2.5	150		1.5	1.3	100		1.3	A08	T
6C4	602 364 100		6	8.5	250		10.5	2.2	100		3	B7G	T
6C4C	026 040 300		6.3		250		60	5.2	100			A08	T
6C5	026 040 310		6	8	250		8	2	100		2	A08	T
6C6	265 113 00	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
6C7	260 891 300	G1	6	9	250		4.5	1.2	100		1.2	Se7	DDT
6C8	026 147 310	G1	6	4.5	250		3.2	1.6	100		1.6	A08	TT
6C9	276 454 130		6	2.5	100		5	3	100	60	3	B8A	TH
6C9	276 454 130		6	2.5	150	100	8	2.5	100	100	2.5	B9A	TH
6C10	276 454 130		6	2	100		5	2.2	100	60	2.2	B9A	TH
6C10	276 454 130		6	2	250	100	8	2.4	100	100	3.5	B9A	TH
6C12	541 237 164		6.3	3	100		3	2	100	60	3	B9A	TH
6C12	541 237 164		6.3	2	250	100	6.5	2.4	100	100	2.4	B9A	TH

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
6C16	645 237 114	G1	6	2	100		14	5	100	60		B9A	TP	
			6	2	200	175	10	6.2	100	100				
6C31	027 546 310		6	4	100		7	3.4	100	60	5	A08	TH	
6C31	412 344 600		6.3	3	250	100	5	2.8	100	100	3.1	B7G	T	
6CA4	8*1 23* 9**		6	15	150			12	No Data Available			B7G	RR	
6CA5	142 345 600		6				60		REC	20mA		B9A	P	
			6	4.5	150	125	36	9.2	125	125	9.2	B7G	P	
6CA7	126 540 310		6	14.5	250	250	57	8.5	100	100	9	A08	P	
6CB6	412 365 100		6	1	150	125	13	8	100	150	6	B7G	P	
6CB6A	412 365 100		6.3	2	200	150	9.5	6.2	100	100		B7G	P	
6CC10	461 471 230		6.3	9	250		6.5	2.2	100		3	B8A	TT	
6CC31	672 344 100		6.3		200		6	3	100		4	B7G	TT	
6CC40	641 237 410		6.3	8.5	250		10.5	2.2	100		3	B9A	TT	
6CC41	741 236 410		6.3	1.5	250		2.3	2	100			B9A	TT	
6CC42	214 607 413		6.3	2	150		8	5.2	100		5.5	B9A	TT	
6CC43	641 237 410		6.3	2.3	250		10	5.9	100			B9A	TT	
6CD6	021 040 350	A1	6	30	200	175	75	7.7	100	100	7	A08	P	
6CE5	412 365 100		6	1	200	125	11	7.6	125	125	7.6	B7G	P	
6CF5	402 365 100		6.3		150	125	11	7.6	100	100		P7G	P	
6CF6	412 365 100		6	1	200	125	12	7.8	100	150	6	B7G	P	
6CF8	501 236 014		6	2	250	150	3	1.85	100	100		B9A	P	
6CG6	412 365 100		6	8	250	150	9	2	100	100		B7G	P	
6CG7	641 237 410		6	8	250		9	2.6	100		3	B9A	TT	
6CG8	461 237 514		6		100		8.5	5.8	100	60	5.9			
			6	2	250	150	7.7	4.6	100	150	4	B9A	TP	
6CG8A	461 237 514		6		100		8.5	5.8	100	60				
			6		250	150	7.7	4.6	100	100		B9A	TP	
6CH6	041 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P	
6CH7	741 236 410		6	2.2	150		10	6.8	150		6.8	B9A	TT	
6CH8	175 321 446		6	2	200		13	3.3	100	60	4.9			
			6	2.2	200	150	9.5	6.3	100	150	5	B9A	TP	
6CH40	541 237 464		6.3	2	100		4.5		100	60				
			6.3		250	100	10	3.2	100	100		B9A	TH	
6CJ5	260 054 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P	
6CJ6	041 230 051	A1	6		200	200	45	6.2	No Data Available			B9A	P	
6CK4	424 060 310		6	28	250		40	5.5	No Data Available			A08	T	
6CK5	261 054 130		6	7	250	250	36	10	100	150	8	B8A	P	
6CK6	541 231 600		6	5.5	250	250	36	10	100	150	9	B9A	P	
6CL5	521 441 350	A1	6.3	40	150	150	80	6.3	100	100		A08	P	
6CL6	145 236 154		6	3	250	150	30	11	No Data Available			B9A	P	
6CL8	461 237 514		6		0.8	150	15	8	100	60	8			
			6		1.0	150	125	12	5.8	100	5	B9A	TP	
6CL8A	461 237 514		6		0.8	150	15	8	100	60	8			
			6	1	150	125	12	5.8	100	100	5	B9A	TP	
6CM4	641 234 146		6			200	12	14	No Data Available			B9A	T	
6CN6	504 234 106		6	12.5	250	250	45	4.1	100	100	4	B9A	P	
6CM7	701 236 441		6		7	200	5	2	100	60	2.8			
			6		8	250	20	4.4	100	100	4.7	B9A	TT	
6CN8	641 237 514		6		2	250	1.8	2	100	60				
			6			200	150	9.5	6.2	100	100		B9A	TP
6CN5	026 540 310		6.3	18	350	250	66	5.2	No Data Available			A08	P	
6CN6	120 540 310		6	7	250	250	100	14.3	100	150	10	A08	P	
6CN7	981 331 462		3	3	250		1	1.2	100		1.3	B7G	DDT	
6CQ4	**1 080 230		6.3				180		REC	30mA		A08	R	
6CQ6	412 361 500		6	2.5	250	200	8	2.5	100	150	2.5	B7G	P	
6CQ8	645 237 114		6		0.8	150	15	8	100	8				
			6		1	150	125	12	5.8	125	125	5.8	B9A	TP
6CQ8A	645 237 114		6		0.8	150	15	8	100	60	8			
			6		1	150	125	12	5.8	125	125	5.8	B9A	TP
6CR4	414 464 234		6.3	1	150		16	6	No Data Available			B9A	T	
6CR5	154 231 541	A1	6.3	22.5	250	150	65	6	100	100		B9A	P	
6CR6	182 365 400		6	2	250	100	9.5	2	250	100	1.9	B7G	DT	
6CR8	641 237 514		6		2	150	12	4	100	60	4			
			6		150	125	13	7.7	100	100	7	B9A	TP	
6CS5	514 234 1*6		6	10	200	125	47	8	100	100		B9A	P	
6CS6	412 365 100		6		1	100	30	1.1	No Data Available			B7G	H	
6CS7	604 237 411		6		8.5	250	10.5	2.2	100		2			
			6		10.6	250	19	4.5	100		4	B9A	TT	
6CS8	641 237 514		6		2	150	12	4	100	60	4			
			6		0.9	150	125	13	7.7	100	100	7	B9A	TP
6CT4	411 231 146		6.3	1	150		16	15	No Data Available			B9A	TT	
6CT7	268 154 130		6	2	250	100	5	1.8	100	100	1.8	B8A	DP	
6CU5	142 345 600		6	8	125	100	50	7.5	125	100	7.5	B8G	P	
6CU6	020 540 310	A1	6	22.5	250	150	57	5.5	100	100	6	A08	P	
6CU7	276 454 130		6		2	100	5	2.2	100	60	2.8			
			6		2	250	100	8	2	100	100	3.5	B8A	TH
6CU8	175 231 446		6		6	200	13	3.3	100	60	3			
			6		2.2	200	150	9.5	6.2	100	150	6	B9A	TP
6CV7	264 089 130		6	3	250		1	1.3	150		1.3	B8A	DDT	

VALVE	SELECTOR SWITCH No.	T.C.	W	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
6CV7	147 234 116		6	1.5	90		12	6	100		6	B9A	TT	
6CX7	641 237 411		6	2	150		9	6.4	100		6	B9A	TT	
6CX8	146 231 457		6	1.5	150		9	4.6	100	60	4.6	B9A	TP	
6CT5	412 365 100		6	2	200	125	24	10	100	100		B7G	P	
6CT7	714 236 411		6	1	150	75	10	8	100	80		B7G	P	
			6	3	250		1.2	1.3	100		1.5	B9A	TT	
			6	18.5	150		30	5.4	100					
6CZ5	504 234 1*6		6	14	250	250	46	4.8	100	100		B9A	P	
6D1	123 000 000	D1	6						D			B3G	D	
6D2	192 310 800		6						D			B7G	RR	
6D3	812 380 000		6						D			B7G	R	
6D5	026 040 310		6	40	300		31	2.1	100		2.1	A08	T	
6D6	265 113 000		6	3	250	100	2	1.2	100	100	1.2	Sm7	P	
6D7	265 101 300		6	3	250	100	2	12.2	100	100		A08	P	
6D8	027 546 310	G1	6	3	150		4.2		100	60		A08	H	
6DA4	**1 080 230		6				120		REC		30mA	A08	R	
6DA6	041 230 651		6	2	250	100	9	3.6	100	100	3.6	B9A	P	
6DA7	604 237 411		6	8	250		9	2.6	100			B9A	TT	
			6	17.5	150		40	5.7	100					
6DB5	514 234 1*6		6	9.6	200	125	46	8	100	100		B9A	P	
6DB6	412 365 100		6	1	150	150	5.8	2	100	100		B7G	P	
6DC6	412 365 100		6	2.2	200	150	9.5	5.5	150	100	5	B7G	P	
6DC8	541 236 891		6	2	250	100	9	3.8	100	100		B9A	DDP	
6DE97	145 237 864		6	2	250		91	1.6	100	50		B9A	DTP	
			6	1	250	100	9	3.5	100	100				
6DE4	001 080 230		6				120		REC		30mA	A08	R	
6DE6	412 365 100		6	1.1	150	125	16	8	100	100	8	B7G	P	
6DE7	744 236 411		6	17.5	150		32	6.5	100			B9A	TT	
			6	11	250		5.5	2	100					
6DG6	026 540 310		6	7.5	200	125	47	8	100	150		A08	P	
6DG7	041 230 651		6	20	250	100	11	4.4	100	100	5	B9A	P	
6DJ8	641 237 411		6	1.3	90		15	12.5	No Data Available			B9A	TT	
6DK6	412 365 100		6	0.9	150	125	12	9.8	100	100	9.5	B7G	P	
6DL4	414 234 464		6		150		12.5	14	No Data Available			B9A	T	
6DL5	412 365 400		6	7.3	250	225	26	5.5	100	100		B7G	P	
6DM4	001 080 230		6				180		REC		35	A08	R	
6DN6	021 040 350	A1	6	18	200	125	70	9	100	100		A08	P	
6DN7	461 471 230		6	9.5	250		34	7.4	100			A08	TT	
6DQ5	421 541 350	A1	6	17.5	150	100	10.5		No Data Available			A08	P	
6DQ6	020 540 310	A1	6	22.5	250	150	75	6.6	125	100		A08	P	
6DR4	123 000 000	D1	6						D			B3G	D	
6DR6	*41 23* *51		6	23	200	175	45	6.6	100	100		B9A	P	
6DR7	644 237 411		6	17.5	150		35	6.5	100			B9A	TT	
			6	3	250		1.4	1.6	100					
6DR8	541 236 891		6	12	12		45		No Data Available			B9A	DDP	
6DS5	412 365 100		6	8.5	250	200	29	5.8	100	100		B7G	P	
6DS8	541 237 564		6	12	12		0.7	1.4	No Data Available			B9A	TP	
			6.3	16.5	250	250	38	6.5	100	100		B9A	P	
6DT5	504 230 1*6		6.3	2.2	150	100	11	0.8	150	100	2	B7G	P	
6DT6	412 365 100		6.3	2.5	250		10	5.5	100		4	B9A	TT	
6DV4	*8* 23* 8*1		6.3				180		REC		40mA	B9D	R	
6DV5	504 234 106		6.3	22.5	200	150	55	5.5	100	100		B9A	P	
6DT7	041 230 605		6.3	12.5	250	150	50	6	100	100		B9A	P	
6DZ4	642 314 600		6.3	0.3	75		15	6.7	80		7.5	B7G	T	
6DZ7	426 517 310		6.3	7.3	250	250	48	11.3	No Data Available			A08	FP	
6DZ8	414 237 516		6	150	125		45	0.8	100	60	1.4	B9A	TP	
			6	150	125		45	7.5	100	100				
6E4	541 237 464		6.3	2.6	200		5.4		100	60		B9A	TH	
			6	27.5	250	100	18	1.7	100	100				
6E6	274 146 300		6	2	250	100	8.2	1.6	100		1.7	UX7	TT	
6E7	265 101 300	G1	6	4.8	150		3.3	2.8	100	60	1.6	Sm7	P	
6ENG	027 546 310	G1	6	2.3	250	100	2.3	3.5	100	100	1.9	A08	TH	
6E102	602 301 450		6.3	7	250	250	72	15	No Data Available			FE	P	
6EA5	412 365 100		6.3	1	250	150	10	8	No Data Available			B7G	P	
6EA7	461 471 230		6.3	25	200		48	6.5	No Data Available			A08	TT	
6EA8	645 237 114		6.3	1	150		18	8.5	100	60		B9A	TP	
6EB5	182 310 900		6.3	1	125	125	12	6.4	100	100	6	B7G	DD	
							7		D					

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6EB8	146 231 457		6	2	250		2	2.7	100	60	2.5	B9A	TP
6EP6	026 540 310		6.3	18	250	125	25	12	100	60		A08	P
6EH5	142 345 600		6	3.2	100	125	42	14.6	100	125		BTG	P
6EH6	412 365 100		6	1	250	150	7.4	4.6	100	150	4	BTG	P
6EH7	141 230 651		6.3	2	200	90	12	12.5	No Data Available			B9A	P
6EH8	146 231 457		6	1	150		13	7.5	100	60	7.5	B9A	TP
6EL7	141 230 651		6.3	2.5	200	100	15		100	100	6	B9A	P
6EL7	141 230 651		6.3	1.8	200	175	10	8.8	100	100		B9A	P
6EM5	504 234 106		6	18	250	250	35	5.1	100	100		B9A	P
6EN7	471 461 230		6.3	3	250		1.4	1.6	100			A08	TT
				20	150		50	7.2	100				
6EQ7	141 235 680		6.3		100	100	9	3.9	100	100		B9A	DP
6ER5	142 361 *10		6.3	1.2	200		10	10.5	100			BTG	T
6ES5	142 360 100		6.3	1	200		15	9.5	100			BTG	P
6ES6	412 365 100		6.3	0.7	12	12			No Data Available			B9A	P
6ES8	641 237 410		6.3	1.2	90		15	12.5	100			B9A	TT
6ET6	412 365 100		6.3	1	12	12	4.8	3	No Data Available			BTG	P
6ET7	189 231 456		6.3		200	150	25	11.5	No Data Available			B9A	DDP
6EU7	230 146 741		6.3	2	250		1.2	1.6	100			B9A	TT
6EJ8	746 231 415		6	1	150		18	8.5	100	60		B9A	TP
6EV5	265 424 300		6.3	1	150	100	12	6.4	100	100			
					200	80	11.5	8.8	100	80		BTG	P
6EV6	641 237 410		6.3	2	250		9.2	5.2	100			B9A	TT
6EV7	641 237 410		6.3	2.0	250		9.2	5.2	100		5.0	B9A	TT
6EV6	412 365 100		6	0.8	150	125	11	14	No Data Available			BTG	P
6EV7	744 236 411		6.3	17.5	150		45	7.5				B9A	TT
6EX4	802 309 100		6	11	250		5.5	2	100			B9A	RR
							30		REC		15mA		
6EX6	021 040 350	A1	6.3		200	150	67	7.7	100	100		A08	P
6ET6	026 540 310		6.3	17.5	250	250	44	4.4	No Data Available			A08	P
6EZ5	026 540 310		6.3	20	250	250	43	4.1	No Data Available			B8A	P
6EZ8	144 127 464		6.3	1	150		4.2	4.2	100		4.2	B9A	TT
6P1	261 514 130		6	1.8	200	200	10	9	100	60	8	B8A	P
6P5	020 600 310	G1	6	2	250		0.9	1.5	100		1.5	A08	T
6P6	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
6P7	275 641 300	G1	6	3	100		3.5	0.5	100	60	0.5	Sn7	TP
				3	100	100	6.3	1	100	100			
6PT8	275 641 300	G1	6	3	100		3.5	0.5	100	60	0.5	UX7	TP
				3	100	100	6.3	1	100	100			
6PTE	275 641 300	G1	6	3	100		3.5	0.5	100	60	0.5	UX7	TP
				3	100	100	6.3	1.05	100	100	1.05		
6PTM	023 756 410	G1	6	3	100		3.5	0.5	100	60	0.5	UX7	TP
6P8	027 146 310	G1	6	8	250		9	2.6	100	100		A08	TT
6P10	021 415 360		6.3	2	300	150	10	9	100	100		A08	P
6P11	260 154 130		6	1.8	250	100	4.4	2.2	100	100	2.2	B8A	P
6P12	412 361 500		6	2	250	250	10	7.5	100	150	5	BTG	P
				1.5	200	150	4	6.4	100	150	5		
6P13	260 154 130		6	1.8	200	200	10	9	150	150	8	B8A	P
6P14	260 154 130		6	1.25	150	150	28	10.6	100	100	8	B8A	P
6P15	261 154 130		6	2.5	250	100	7	2.3	100	100	2.3	B8A	P
6P16	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P
6P17	412 361 500		6	5	100	100	12.5	4.0	100	100		BTG	P
6P18	141 230 651		6	1.3	200	100	12	4.5	125	100		B9A	P
6P19	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
6P20	141 230 651		6.3	2	200	175	10	6	100	100		B9A	P
6P21	412 361 500		6	2.5	250	200	7.8	2.5	100	100		BTG	P
6P22	501 236 014		6	2	250	150	3	1.8	100	100		B9A	P
6P23	141 231 651		6.3	2	200	175	10	9.2	100	100		B9A	P
6P24	141 230 651		6.3		200	200	10	15	No Data Available			B9A	P
6P25	141 230 651		6.3		200	200	11.5	12.5	No Data Available			B9A	P
6P26	141 230 651		6.3	2	250	100	10	6	100	100	6	B9A	P
6P28	*41 234 650		6.3	2.9	200	200	10	12.5	100	100		B9A	P
6P29	141 230 651		6.3	2	200	90	12	12.5	No Data Available			B9A	P
6P30	141 230 651		6.3	2.5	200	200	10	15.4	No Data Available			B9A	P
6P31	412 365 100		6.3	1	250	100	11	4.2	100	100		BTG	P
6P32	412 365 100		6.3		200	125	8	4.6	100	100		BTG	P
6P32	216 510 030	G1	6	4.5	200	200	5.1	3	100	150	3	M08	P
6P32V	412 365 000		6.3	3	150	150	7	4.3	100	100		BTG	P
6P33	412 361 500		6.3	2	125	125	5.2	3.5	100	100	3	BTG	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6F35	412 365 100		6.3		40	30	2.7	2.7	No Data Available			BTG	P
6F36	412 365 100		6.3		300	150	10	9	No Data Available			BTG	P
6F40	111 231 654		6.3	2	250	150	3	2	100	100		B9A	P
6F41	141 230 651		6.3	2.0	150	150	10	7.4	100	100	6	B9A	P
6F60	041 230 665		6.3	23	250	200	55	5	100	100		B9A	P
6F80	541 231 600		6.3		200	200	36	10	100	100		B9A	P
6F87	146 234 017		6.3	1.2	90		15	12	No Data Available			B9A	TP
6FD6	412 365 100		6.3		12	12		1.4	No Data Available			BTG	P
6FD7	644 237 411		6.3	17.5	150		45	7.5	100			B9A	TP
6FD12	541 236 891		6.3	2	250	100	9	3.8	100	100	1.6	B9A	DDP
6FE5	026 540 310		6.3	12.5	100	100	94	9.5	No Data Available			A08	P
6FG5	412 365 100		6.3	0.2	250	250	9	9.5	No Data Available			BTG	P
6FG7	461 237 514		6.3	1	125		13	7.5	100	60	7	B9A	TP
6FH5	142 360 100		6.3	1	150	125	11	6	100	100	6	BTG	T
6FH6	020 540 310	A1	6.3	22.5	250	150	75	6	100	100		A08	P
6F8H	146 234 517		6.3	1	100		7.9	5.5	100	60	5	B9A	TP
6FJ8	210 541 380	A1	6.3	22.5	250	150	75	6.6	100	100		A08	DDP
6FLD12	541 236 891		19	2	250	100	9	3.8	100	100		B9A	DDP
6FM8	181 239 146		6.3	3	250		1	1.2	100			B9A	DDP
6FN5	521 441 350		6.3	22.5	200	150	100	10	No Data Available			B8A	P
6FR7	644 237 411		6.3	3	250		1.4	6.8	100			B9A	TP
6FQ5	142 360 100		6.3	20	150		50	5.4	100			BTG	T
6FQ7	741 236 410		6.3	1.2	150		11	11	No Data Available			B9A	TP
6FR7	644 237 411		6.3	8	250		9	2.6	100			B9A	TP
6FS5	412 365 100		6.3	3	250		1.4	1.6	100		1.5	B9A	TP
6FV6	402 365 100		6.3	20	150	50	7.2	100	No Data Available			BTG	P
6FV8	461 237 514		6.3	0.2	300	150	9	10	No Data Available			BTG	P
6FW5	421 060 350		6.3	1	150	75	10	8	100	80	8	B9A	P
6FW8	741 236 410		6	1	150	14	8	100	100	60	8	B9A	TP
6FX4	902 309 100		6.3	1	150	125	12	6.5	100	100	6.5	A08	P
6FT5	142 360 100		6.3	22.5	250	150	65	7.3	100	100		A08	P
6FT8	455 237 461		6.3	1.2	100		15	13	No Data Available			B9A	TP
6G6	026 540 310		6	1	150		30		REC		15mA	BTG	RR
6G7	026 985 310	G1	6	13.5	150	125	50	7	100	60		B9A	T
6G8	026 985 310	G1	6	9	200	175	15	2.3	100	100	2.3	A08	P
6GA4	026 040 310		6	3	250	125	10	1.3	100	100	1.3	A08	DDP
6GA8	641 237 410		6	3	250	125	9	1.1	100	100	1.1	A08	DDP
6GA8	426 040 310		6	3	250	125	9	1.1	100	100	1.1	A08	DDP
6GB3A	020 540 310	A1	6.3	7.7	100	100	100	14	No Data Available			A08	P
6GB6	020 540 310	A1	6.3	22.5	250	150	6.5	6	100	100		A08	P
6GE7	020 540 310	A	6.3	7.7	100	100	100	14	No Data Available			A08	P
6GB9	020 540 310	A1	6.3	22.5	250	150	75	6.6	125	100		A08	P
6GC5	514 234 156		6.3	7.5	100	100	50	8	100	100		B9D	P
6GC6	021 540 350	A1	6.3	22.5	250	150	75	6.6	100	100		A08	P
6GE8	514 236 147		6.3	21	150		35	5	100	60		B9A	TP
6GF7	141 237 064		6.3	2	150	150	5.5	3.2	100	100		B9D	TP
6GG6	802 300 190		6.3	3	250		1.4	1.6	100			B9D	TP
6GH8	645 237 114		6	20	150		50	7.2	100			B9D	TP
6GJ5	541 234 5**	A1	6	1	150		30		REC		15mA	P8	RR
6GJ8	645 237 114		6	1	150	125	12	7.5	100	60		B9A	TP
6GK5	142 360 100		6.3	22.5	250	150	70	7.1	100	100		B9D	P
6GK6	141 230 651		6.3	1	150		13.5	8.5	100	60		B9A	TP
6GK17	001 080 230		6.3	1	125	125	12	7.5	100	100		B9A	TP
6GM5	500 234 106		6.3	1	150		11.5	15	No Data Available			BTG	T
6GM6	412 365 100		6.3	7.3	250	250	48	11.3	100	100		B9A	P
6GN6	412 365 800		6.3	10	300	300	60	10.2	No Data Available			B9A	P
6GN8	146 231 457		6.3	56	150	125	14	13	No Data Available			BTG	DP
6GQ7	156 231 471		6.3	68	250	100	11	4.4	100	100		BTG	DP
6GR5	541 234 5*6		6.3	2	250		2	2.7	100	60	3	B9A	TP
6GU5	412 365 100		6.3	3	200	150	25	11.5	100	100		B9A	TP
6GV7	541 234 5*6		6.3	42	250	150	70	7.1	100	100		B9A	TP
6GU5	412 365 100		6.3	0.4	150	150	9	15	100	100		B9D	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6GV7	657 231 414		6.3	{ 1.5 0.6	100 150	150	14 11	5.5 11	100 100	60 100	5 9	B9A	TP
6GV8	641 237 514		6.3	{ 1.5 0.6	100 150	175	41 5	7.5 6.5	100 100	60 100		B9A	TP
6GV8	415 237 146		6.3	{ 1.7 7	250 250	250	1.2 36	1.6 10	100 100	60 100	1.5	B9A	TP
6GX6	412 365 100		6.3		150	100	3.7	3.7	100	100		B7G	P
6GY6	412 365 100		6.3		150	100	3.7	3.7	100	100		B7G	P
6GY8	414 236 117		6.3		150		4.5	4.6	100		4	B9A	TT
6H1	412 360 500		6		250	100		2.1	D	100	2	B7G	H
6H4	020 800 310		6						D			A08	D
6H6	029 180 310		6						D		4	A08	DD
6H7C	026 447 310		6.3	5	250		3	1.6	100			A08	TT
6H7G	126 447 310		6.3		300		35	3.2	100			A08	TT
6H8C	461 471 230		6.3	8	250		9	3	100			A08	TT
6H8D	026 985 310	G1	6	2	250	125	8.5	2.4	100	100	2.4	A08	DDP
6H8MG	026 985 310	G1	6	2	250	125	6	1.8	100	100	1.8	A08	DDP
6H9C	461 471 230		6.3	2	250		2.2	1.6	100			A08	TT
6H10C	064 471 230		6.3	2	250		2	1.3	100		1.3	A08	TT
6H13C	461 471 230		6.3	30	90		80	5	No Data Available			A08	TT
6H31	412 365 100		6.3		250	100	3		100	100		B7G	H
6HA5	412 360 100		6.3	1	150		11.5	14.5	No Data Available			B7G	T
6HB6	141 230 651		6.3	33	250	125	40	24	No Data Available			B9A	P
6HC8	414 237 516		6.3	{ 3 18	250 250	250	1.4 38	2 5.1	100 100	60 100		B9A	TP
6HP8	146 231 457		6.3	{ 2 200	200 125		4 25	4 12.5	100 100	60 100		B9A	TP
6HG8	141 234 675		6.3	{ 3 1.2	100 200	150	14 10	6 12	100 100	60 100	6.5	B9A	TP
6HJ8	145 236 181		6.3	6	150	125	11.5	9.3	100	100		B9A	DP
6HKP	641 237 410		6.3	1	90		8.5	8	100		8	B9A	TT
6HM5	412 360 100		6.3	1.2	150		12.5	14.5	No Data Available			B7G	T
6HR6	412 365 100		6.3	1.2	200	100	13.2	8.5	100	100		B7G	P
6HS6	412 365 100		6.3	0.8	150	75	8.8	9.5	100	100		B7G	P
6HS8	157 231 461		6.3		100	75	2	0.4	100	75	0.4	B9A	PP
6HR8	546 234 175		6.3	9	250	250	24	6	100	100		B9A	PP
6HW8	165 234 161		6.3	3.5	250	250	13	4	100	100		B9A	P
6HZ8	146 231 457		6.3	{ 2 250	200 175		3.5 29	4 12.6	100 100	60 100		B9A	TP
6J4	412 344 600		6	1.5	150		15	12	100		10	B7G	T
6J5	026 040 310		6	8	250		9	2.6	100		2.6	A08	T
6J6	762 344 100		6	3	150		5	4.5	100		5.3	B7G	TT
6J6A	672 344 100		6	3	150		5	4.5	100		5.3	B7G	TT
6J7	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.3	A08	P
6J8	027 546 310	G1	6.3	{ 3 3	100 100	100	3 1.3	1.6 1.2	100 100	60 100	1.6 1.5	A08	TH
6JP6	541 234 51*	A1	6.3	22.5	250	150	70	7.1	100	100		B9D	P
6JB8	645 237 114		6	{ 8.5 3	250 250	100	10.5 3	2.2 1.6	100 100	60 100		B9A	TP
6JC8	145 237 146		6.3	{ 1 1	150 150	125	12 9	6.5 5.5	100 100	60 100		B9A	TP
6JE6	541 234 51*	A1	6.3	2	150	100	100	10	No Data Available			B9D	P
6JER	146 231 457		6.3	{ 2 200	200 175		4.5 22	4.2 12	100 100	60 100		B9A	TP
6JFR	210 541 380	A1	6.3	22.5	250	150	75	6.6	100	100		A08	DP
6JG6	541 231 5*6		6.3		150	100	80	10	No Data Available			B9D	P
6JHR	115 324 166		6.3		250	250	14	4.4	100	100		B9A	P
6JIR	641 237 410		6.3	{ 1 1.2	100 150		5 10	6.8 13	100 100		6	B9A	TT
6JT6	541 231 5*6		6.3	22.5	250	150	70	7.1	100	100		B9D	P
6JY8	146 231 457		6.3	{ 2 1	200 150	150	4 22	4 11.5	100 100	60 100	4 10	B9A	TP
6K5	026 000 310	G1	6	3	250		1.1	1.4	200		1.4	A08	T
6K6	026 540 310		6	18	250	250	32	2.3	100	150	2.3	A08	P
6K7	026 510 310	G1	6		250	100	10.5	1.5	100	100	1.6	A08	P
6KR	027 546 310	G1	6	{ 1 3	100 250	100	8 4	2.5 1.2	100 100	60 100	3 1.5	A08	TH
6K25	026 040 310		6		100		30	2K6	No Data Available			A08	Thy
6K98	668 231 456		6.3		100	100	4.2	3.4	100	100	3.4	B9A	DP
6KR4	146 231 457		6.3	{	100 200	100	15 19.5	10.4 20	100 80	60 60		B9A	TP

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6K78A	141 237 564		6.3	{ 3 10	250 150	100	1.4 8.4	1.6 100	100 100	60 100	1.6	B9D	TP
6K28	641 237 514		6.3	{ 1.0 1.0	150 150	150	13.5 12	8.5 7.5	100 100	60 100	7	B9A	TP
6L1	274 164 130		6	8.6	200		10	2.8	100		2	B8A	TT
6L5G	026 040 310		6	9	250		8	1.9	100		1.9	A08	T
6L6	026 540 310		6	18	350 250	54	5.2	100	150	5.2	A08	P	
6L7	026 540 310	G1	6	3	250	100	6.3	1.1	100	100	1.1	A08	H
6L10	120 415 360		6.3	3	300	150	30	11	100	100		B8A	P
6L12	741 236 410		6	2.3	250		10	5.9	100		5	B9A	TT
6L13	741 226 413		6	2	250		1.2	1.6	100		1.6	B9A	TT
6L15	147 234 116		6.3	1.2	90		15	9	100		9	B9A	TT
6L16	146 234 107		6.3	1.5	90		12	6.2	80		6.2	B9A	TT
6L18	260 064 130		6	13.3	250		12	5.5	80		7	B8A	T
6L19	274 164 130		6	1.8	200		5	3.1	150		3.1	B8A	TT
6L31	412 365 400		6.3	12.5	250 250	45	4.1	100	100	4	B7G	P	
4L34	412 314 600		6	1.5	250		10	9	150		7	B7G	T
6L41	601 235 144		6.3	17.2	250 250	45	7	100	100			B9A	P
6L43	145 236 154		6.3	3	300 150	30	11	No Data Available				B9A	P
6L50	214 451 130	A1	6.3	12.6	300 250	70	5	No Data Available				B9A	P
6L50V	215 445 113		6.3	25	400 250	30	3.5	100	100			B9A	P
6L03	264 098 130	A1	6	1.9	250		0.85	1.95	150		1.9	B8A	DDT
6LD12	751 238 146		6.3	1.0	100		0.8	1.45	100		1.4	B9A	DDDT
6LD13	641 238 09*		6	1.9	250		0.85	1.2	100			B9A	DDT
6LD20	264 098 130		6	5.9	250		5	2.3	100		3	B8A	DDT
6LFD12	541 236 891		19	2	250 100	9	3.8	100	100			B9A	DDP
6M3	*28 0*0 *30		6						D			A08	R
6M5	541 230 600		6	7	250 250	36	10	100	100	10		B9A	P
6M6	026 540 310		5	6	250 250	30	9.5	100	150	8		A08	P
6M7	026 510 310	G1	6	2.5	250 125	10.5	3.4	100	100	3.2		A08	P
6M7MG	026 510 310	G1	6	2.5	250 125	6	2	100	100	2		A08	P
6M8	137 546 280	G1	6	{ 1 3	100 100	100	0.5 8.5	1.1 1.9	100 100	60 100	1.1 1.9	A08	DTP
6MD3	802 380 100		6.3			10		REC D		5mA		B7G	R
6MD4	102 310 800		6.3					D				B7G	D
6ME1	412 344 600		6.3		150	14.5	13	No Data Available				B7G	T
6MEH3	672 344 100		6.3	1	100	11	7.5	100		7.5		B7G	TT
6M-L2	642 364 100		6.3	4.5	150	14	5	100				B7G	T
6M-L4	642 314 600		6.3		100	17	6.5	100				B7G	T
6MH7	026 510 310	G1	6	2	250 100	5	2.3	100	100	2.3		A08	P
6MP2	412 365 000		6.3	6	200 175	25	5.5	100	100			B7G	P
6MP17	412 365 400		6.3	8	250 250	32	5.2	100	100			B7G	P
6N3	**1 23* **8		6			180		REC		50mA		B9A	R
6N4	412 361 400		6	3	200	12	6	150		6		B7G	T
6N7	027 446 370		6	5	250	3	1.6	100		1.6		A08	TT
6N7	026 510 310	G1	6	2.5	250 125	10.5	3.4	100	100	3.2		A08	P
6N8	541 236 891		6	2	250 90	5	2.2	100	90	2.2		B9A	DDP
6NK7	026 510 310	G1	6	2.5	250 125	10.5	3.4	100	100	3.2		A08	P
6P1	026 540 310		6	8.5	250 250	30	8.8	100	150	8		A08	P
6P2	412 365 100		6.3	68	250 150	10.6	5.2	No Data Available				B7G	P
6P5	026 040 310		6	13.5	250	5	1.25	100		1.4		A08	T
6P6	215 413 000	A1	6	8	250 150	34		100	100			UX6	P
6P7	023 756 410	G1	6	{ 3 3	100 100	3.5 6.3	0.5 1	100 100	60 100	0.5 1		A08	TP
6P8	027 546 310	G1	6	{ 100 2.4	250 250	75 75	2.2 1.5	100 100	60 75			A08	TH
6P9	412 365 400		6	6	250 250	30	7	No Data Available				B9A	P
6P15	*41 23* 6*5		6	7.5	250 250	49	11.3	100	150	10		B9A	P
6P17	412 360 500		6	13.5	250 250	16	2.6	100	100			B7G	P
6P25	026 540 310		6	8.5	250 250	40	8.8	100	100	8		A08	P
6P26	026 540 310		6	8.5	250 250	40	8.8	100	150	8		A08	P
6P28	020 540 310		6.3	8.8	350 250	72	9.5	No Data Available				A08	P
6PL12	414 237 516		6.3	{ 8.5 8.5	100 250	40	C.8 8.8	1.4 100	60 100			B9A	P
6PX6	026 540 310		6	6	250	35	9.2	100	150	8		A08	P
6P28	026 598 310	G1	6	6	250 250	36	9.2	100	150	8		A08	DDP
6Q4	441 230 446		6	1.5	250	15	12	No Data Available				B9A	T
6Q6	026 080 310		6	3	250	1.2	1.05	150		1.0		A08	DT
6Q7	026 980 310	G1	6	3	250	1	1.2	100		1.5		A08	DDT
6QL6	541 236 154		6	11.5	200 175	52	9.5	125	100			B9A	P
6R	026 510 310	G1	6	2	250 100	3.7	2	100	100			A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6R4	021 230 060	G1	6	2	150		30	5.5	100		5	B9A	T
6R6	026 500 310		6	3	250	100	7	1.45	100	100	1.4	A08	P
6R7	026 980 310		6	9	250		9.5	1.9	100		1.9	A08	DDT
6R8	871 239 146		6	9	250		9.5	1.9	100		1.9	B9A	DDDT
6R51P	451 234 6*5		6.3	8	250	250	54	11	No Data Available			B9A	P
6RA2	014 234 006	G1	6.3	31	150		100	8.5	No Data Available			B9A	P
6RA5	606 023 041		6.3	20	100		80	11	No Data Available			B9A	T
6RB11	504 234 106		6.3	1	100		2	1	100		1	B9A	TT
6R-DHV1	145 327 864		6.3	2	250		1.2	1.6	100	60		B9A	DTP
6RUB2	741 236 410		6.3	1	90	100	9	3.5	100	100			
6R-UB8	641 237 410	C	6.3		100		16	16	No Data Available			B9A	TT
6R-UB9	641 237 410		6.3		90		16	16	No Data Available			B9A	TT
6RUV1	145 237 164		6	2	250		12	1.6	100	60		B9A	TP
6RK19	*** 23* **8		6.3	1	250	100	9	3.5	100	100			
6RP10	260 153 041		6.3		180			REC	40mA			B9A	R
6RP15	451 23* 6*5	G1	6.3	8	250	250	59	11	100	100		B9A	P
6RR8	402 106 053		6.3		150	150	13	12.6	No Data Available			B9A	P
6RR8C	402 106 053		6.3		150	150	13	12	No Data Available			B9A	P
6RR21	541 236 891		6.3		150	150	13.5	15	No Data Available			B9A	DDP
6RV	026 510 310		6	2	250	100	6.4	2.1	100	100	2.1	A08	P
6S2	230 232 032	D1	6.3						D			B9A	R
6S2A	*** 23* ***	D1	6.3						No Data Available			B9A	D
6S4	** 234 **6	G1	6	8	250		26	4.5	100		4.5	B9A	T
6S6	120 600 350		6	2	250	100	13	4	100			A08	P
6S7	026 510 310		6	3	250	100	8.5	1.75	100	100	1.7	A08	P
6S8	718 916 230		6	2	250		0.9	1.1	200		1.1	A08	DDDT
6SA7	126 641 310		6	3.6	100		12	4.3	100		1.4	A08	H
6SA7G	026 641 310	G1	6		100		12	4.3	100		1.4	A08	H
6SB7Y	126 541 310		6	3.6	100	100	3.8		100	100		A08	H
6SC5	026 400 310		6	4	250		7.5	2.7	100		2.7	A08	T
6SC7	074 461 230		6	2	250		2	1.3	200		1.3	A08	TT
6SD7	021 415 360		6	2	250	100	6	3.6	100	100	3.6	A08	P
6SE7	021 415 360	G1	6	1.5	250	100	4.5	3.4	100		3.4	A08	P
6SF5	014 060 320		6	2	250		0.9	1.5	200	100	1.5	A08	P
6SF7	041 581 360		6	1	250	100	12.4	2.05	100		2	A08	DP
6SG7	021 415 360		6	1	250	125	11.8	4.7	100	100	4.7	A08	P
6SH7	021 415 360		6	1	250	150	10.8	4.9	100	150	4.9	A08	P
6SJ7	021 415 360	G1	6	3	250	100	3	1.65	100		1.6	A08	P
6SJ8EG	027 546 310		6	3	150		5	1.6	100	60	1.6	A08	TH
6SJ8G	027 546 310		6	3	150	100	1.3	1.2	100	100	1.2		
6SK7	021 415 360		6	3	150		5	1.6	100	60	1.6	A08	TH
6SL7	021 415 360		6	3	250	100	1.3	1.2	100	100	1.2		
6SL7	461 471 230	G1	6	2	250		2.3	1.6	150		1.6	A08	TT
6SN7	461 471 230		6	8	250		9	2.9	100		2.6	A08	TT
6SQ7	041 896 230		6	2	250		0.9	1.1	200		1.1	A08	DDT
6SR7	041 986 230		6	9	250		9.5	1.9	100		1.9	A08	DDT
6SS7	021 415 360		6	3	250	100	9	1.85	100	100	1.8	A08	P
6ST7	041 896 230	A1	6	9	250		9.5	1.9	100		1.9	A08	DDT
6SU7	471 461 230		6	2	250		2.3	1.6	200		1.6	A08	TT
6SV7	041 586 230		6	1	250	150	7.5	3.4	100	150	3.5	A08	DP
6SZ7	041 986 230		6	3	250		1	1.2	200		1.2	A08	DDT
6T	205 413 000		6	12.5	250	250	4.5	4.1	100	150	4	UX6	P
6T1	642 314 600	G1	6		75		16	6.6	80			B7G	T
6T4	642 314 600		6	3	80		18	7	80		7	B7G	T
6T6	026 500 310		6	1	250	100	10	5.5	100	100	5.5	A08	P
6T7	026 980 310		6	3	250		1.2	1	100		1	A08	DDT
6T8	791 238 146		6	3	250		1	1.2	150		1.3	B9A	DDDT
6T8A	791 238 146	G1	6	3	250		1	1.2	100		1.3	B9A	DDDT
6T24	647 230 114		6	2	150		17	7	100			B9A	TT
6T26	641 237 410		6	2.3	250		10	6	100			B9A	TT
6T27	641 237 410		6		150		10	6.8	100			B9A	TT
6TE8	427 546 310		6	2	100		3.7		100	60		A08	TH
6TE9	651 237 440	G1	6	2	250	100	3.5		100	100			
6TH8	027 546 310		6	2.5	100	90	4	2	100	60	2	B9A	TH
6TP	205 413 000		6	7	150		6	1.1	150	60			
			6	1.5	200	75	3.5		100	75		A08	TH
			6	14.5	250	250	12	6	100	150	6		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
13EH7	471 461 230		13	{ 20	150		50	7.2	100			B9A	TT
13F7	023 110 560		13	{ 1	250		1.4	1.6	100				P
13PSU	206 501 130	G1	12.5	{ 2.6	200	100	3	2.1	100	100			B8C
13PD7	644 237 411		6.3	{ 20	250		6	1.6	100	200	2.2	B9A	TT
				{ 17.5	150		45	7.5	100				P
13PG7	141 236 074		13	{ 20	150		50	7.2	100				TT
				{ 3	250		1.4	1.6	100			B9A	TT
13PR7	644 237 411		13	{ 3	250		1.4	1.6	100				TT
				{ 20	150		50	7.2	100				P
13GF7	541 237 064		13	{ 20	150		50	7.2	100			B9D	TT
				{ 3	250		1.4	1.6	100		1.6		P
13H1	023 110 560	G1	3	{ 2	200	100	3	2	100	100	2		B8C
13H2	023 110 560	G1	13	{ 3	200	100	8.2	1.8	100	100	1.8	B8C	P
13FGA	645 231 700	G1	13	{ 20	200		4		100	60			H
				{ 3	250	100	3.5		100	100			B7
13SPA	061 231 500	G1	13	{ 3	200	100	2.3	1.7	100	100	2.2	B7	P
13V1	013 189 560	G1	13	{ 8.5	200	200	45	4.4	100	150	4		B8C
13VPA	061 231 500	G1	13	{ 3	200	100	7	1.8	100	100	1.8		B7
14	265 130 000	G1	14	{ 3	250	90	4	1	100	90	1	UX5	P
14A4	260 0*4 130		12.5	{ 8	250		9	2.6	100		2.6		B8B
													T
14A5	265 004 130		12.5	{ 12.5	250	250	30	3	100	150	3	B8B	P
14A7	265 104 130		12.5	{ 3	250	100	9.2	2	100	100	2		P
14AF4	216 447 130		12	{ 10	250		9	2.1	100				TT
14AF7	216 447 130		12.5	{ 9	250		9	2.1	100		2.1	B8B	TT
14B6	264 *89 130		12.5	{ 2	250		0.9	1.1	150		1.1		DDT
													P
14B8	265 454 130		12.5	{ 2	250	100		1.1	100	100	1.1	B8B	H
14C5	265 004 130		12.5	{ 12.5	250	250	47	4.1	100	150	4.1		P
14C7	265 114 130		12.5	{ 3	250	100	2.2	1.5	100	100	1.5		B8B
14E6	264 *98 130		12.5	{ 8	250		9.3	1.9	100		1.9	B8B	DDT
14E7	269 854 130		12.5	{ 3	250	100	7.5	1.3	100	100	1.3		DDP
													P
14F6	026 540 310		14	{ 16.5	250	250	35	2.5	100	150	2.5	A08	P
14F7	217 446 130		12.5	{ 2	250		2.3	1.6	150		1.6		TT
14F8	427 116 340		12.5	{ 3	250		6	3.3	150		3.3		TT
14GT8	181 239 146		14	{ 3	250		0.7	1.0	100			B9A	DDT
14GV8	415 237 146		14.7	{ 1.7	250		1.2	1.6	100	60	1.6		TP
				{ 7	250	250	36	10	100	100			P
14H7	265 114 130		12.5	{ 2	250	150	10	4.2	100	100	4.2	B8B	P
14J7	276 454 130		12.5	{ 3	150		6.6	1.4	100	60	1.4		TH
14JG8	181 239 146		14	{ 2	250		2	2.2	100				DDT
14K7	276 454 130		14	{ 2	100		6.4	2.2	100	60	2.8	B8A	TH
14L7	264 098 130		14	{ 1.6	200	90	2.7	1.5	100	75	1.5		TH
							15	1.65	150		1.6		DDT
14N7	217 446 130		12.5	{ 8	250		9	2.6	100		2.6	B8B	TT
14Q7	266 414 130		12.5	{ 2	100		15	6	100		4.5		H
14R7	269 854 130		12.5	{ 1	250	100	6.2	3.4	100	100	3.4		DDP
14S7	276 454 130		12.5	{ 1	100		4.8	1.4	100	60	1.6	B8B	TH
				{ 2	250	100	4	2	100	100	2.2		P
14V7	265 104 130		12.5	{ 2	300	150	9.6	5.8	100	100	5.8		P
14V7	265 114 130		12.5	{ 2.2	300	150	10	5.8	100	100	5.8	B8B	P
14X7	264 189 130		12.5	{ 1	250		1.9	1.5	150		1.5		DDT
14Y4	208 009 130		12.5				30		REC		15mA	B8B	RR
14Z3	281 300 000		12.5				60		REC		20mA		R
													UX4
15	264 300 000		2.5	{ 33	250		22	2.35	100		2.0	UX4	T
15	265 130 000	G1	2	{ 1.5	150	75	1.85	0.75	100	75	0.75		P
15A2	645 231 700	G1	4	{ 20	200		4		100	60			B7
15A6	451 231 600		15	{ 3	250	100	3.5		100	100		B9A	P
				{ 2.9	200	175	36	10	100	100	9		TT
15A8	124 541 360	A2	15	{ 8	250		9	2.6	100	60	2		A08
				{ 7.5	100	100	45	7.3	100	100	7.5	B9A	DDT
15BD7A	641 238 090		15	{ 1.5	200		1.5	1.6	100		1.6		P
15CV5	*51 23* 6*5		15	{ 12.5	200	175	70	10	100	60			B9A
15D1	645 231 700	G1	13	{ 20	200		4		100	60		B7	H
				{ 3	250	100	3.5		100	100			P
15D2	645 231 700	G1	13	{ 20	200		4		100	60	0.6		H
				{ 3	250	100	3.5		100	100	4.6	B9A	TP
15DQ8	461 237 145		15	{ 1.7	200		3.0	4.0	100	60	4.0		P
					150	150	18	11	100	100			T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
15E	260 501 300	G1	2		150	75	1.8	0.7	100	60		B7G	P
15EA7	461 471 230		14.8	25	200		48	6.5	No Data Available			A08	TT
15EN6	412 365 100		15		150	120	11	14	No Data Available			B7G	P
15P80	541 231 600		15		200	200	36	10	No Data Available			B9A	P
15K78A	141 237 564		15	{ 3 10	250 150	100	1.4 39	1.6 8.4	100 100	60 100		B9D	TP
15TP7	461 237 145		15	{ 1.7 2.9	200 200	200	3 18	4 10.4	100 100	60 100	4	B9A	TP
15X6	029 180 310		25				30		REC		15mA	A08	RR
16	280 300 000		7.5				60		REC		20mA	UX4	R
16A5	*41 23* 6*5		16	{ 14.2 1.5	200 200	200	45 41	7.5 1.7	100 100	100 60	7 3	B9A	P
16A8	414 237 516		16	{ 11.5	200	200	41	7.5	100	100	6	B9A	TP
16AQ3	*** 23* **8	C	16.4				180		REC		40mA	B9A	R
16B	280 300 000		7.5				60		REC		15mA	UX4	R
16D1	046 231 700		13		300		45		100			B7	TT
16GK6	141 230 651		16	{ 7.4	250	250	48	11.3	No Data Available			B9A	P
16GK8	414 237 516		16	{	200 250	250	10 30	3.4 7.5	100 100	60 100		B9A	TP
16N8	414 237 516		15	{ 16	100		3.3	3.6	100	60	3.6	B9A	TP
16TP6	141 234 675		16	{ 11.5	200 200	175	35 41	6.4 2.5	100 100	100 60	2.5	B9A	TP
16TP8	141 234 675		16	{ 11.5	100		3.5	2.5	100	60		B9A	TP
17	264 130 000		14	6	90		2.7	0.8	80			UX5	T
17AV5	421 060 350		16	22.5	250	150	57	5.9	100	100	5.8	A08	P
17AX4	001 080 230		16.8				120		REC		35mA	A08	R
17AX4GZA	001 080 230		16.8				120		REC		35mA	A08	R
17AT3	*8* 23* R10		16.8				120		REC		30mA	B9D	R
17BH3	*8* 23* R*1		17				180		REC		35mA	B9D	R
17BQ6	020 540 310		17	22.5	250	150	75	6.6	125	100		A08	P
17BS3	*8* 23* R*1	A1	16.8				120		REC		40mA	B9D	R
17C5	142 345 600		16	7.5	150	100	49	7.5	100	90	6	B7G	P
17C8	541 236 891		17	2	200	125	5	2.2	100	100	2	B9A	DDP
17CA5	142 345 600		16.8	4.0	100	100	32	8	100	60		B7G	P
17CU5	142 345 600		16.8	7.5	100	100	49	7.3	100	100		B7G	P
17D1	869 231 500	G1	13	3	250	125	9	1.1	100	100	1.1	B7	DDP
17D4	**1 *8* 230		16.8						D			A08	D
17D4A	**1 *8* 230		16.8				180		REC		40mA	A08	R
17DA4	001 080 230		16.8				120		REC		30mA	A08	R
17DE4	001 080 230		17				120		REC		30mA	A08	R
17DM4	001 080 230	A1	16.8				180		REC		35	A08	R
17DU6	020 540 310		16	22.5	250	150	75	6	125	100		A08	P
17EN8	741 236 410		17	1.1	100		4.5	4.6	100		4.6	B9A	TT
17F6	041 230 665		17	23	250	200	53	5.0	100	100		B9A	P
17FL8	541 236 891		17	1.5	200	100	11	4.5	100	100	4.5	B9A	DDP
17GJ5	541 234 5**	A1	16.8	22.5	250	150	70	7.1	100	100		B9D	P
17GT5	541 234 506		16.8	42	250	150	70	7.1	100	100		B9A	P
17GW8	415 237 146		16.8	{ 1.7 7.0	250 250		1.2 36	1.6 10	100 100	60 100		B9A	TP
17HC8	414 237 516		16.8	{ 3 18	250 250		1.4 38	2 5.1	100 100	60 100		B9A	TP
17JB6A	541 234 51*		16.8	22.5	250	150	70	7.1	100	100		B9D	P
17JG6	541 231 5*6	A1	16.8		150	100	80	10	100	100		B9D	P
17JK8	614 237 410		16.8	{ 1.0 1.3	100 150		5.3 10	6.8 13	100 No Data Available	60 100	6	B9A	TT
17JT6A	541 231 5*6		16.8	22.5	250	150	70	7.1	100	100		B9D	P
17H3	108 230 080		17.5				60		D			B9A	D
17L6	026 540 310		16.8	7.0	100	100	49	8	100	100		A08	P
17N8	541 236 891		17	2	200	75	5	2.2	100	75	2	B9A	DDP
17R5	142 345 600		16.8	8.5	100	100	40	7	100	100		B7G	P
17R7	*** 23* **8		17				120		REC			B9A	R
17Z3	*** 23* **8		17				120		REC		40mA	B9A	R
18	265 413 000		14	16.5	250	250	34	2.5	100	150	2.5	UX6	P
18A5	421 060 350	C	18	17	200	125	40	4.8	100	100		A08	P
18AK5	412 365 100		18	2.5	150	125	7.7	5.1	125	100	5.1	B7G	P
18AQ5	412 365 100		18	7.2	150	175	28	3.5	100	125	3.5	B7G	P
18C51	214 607 413		18	2	150		8.2	5.5	125		5.4	B9A	TT
18D2	641 237 514		9.5	{ 1.8 1.6	150 200	175	10 10	10	100	60		B9A	TP
18D3	645 237 114		6.3	{ 1 2	150 150		18 7	8.5 11	100 100	60 100		B9A	TP
18DG6A	412 365 100		18	1	100	100	5	4.3	100	100	4.3	B7G	P
18DZ8	141 237 516		18	{	100 150	125	0.8 45	1.4 7.5	100 100	60 100		B9A	TP

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6TP1	645 237 114		6	{ 68	150	100	18	8.5	100	60		B9A	TP
6TP3	641 237 154		6	{ 2	100	100	10	5.2	100	100		B9A	TP
6TP4	145 237 614		6	{ 3	200	100	8	3	100	60		B9A	TP
6TP5	541 327 164		6	{ 68	150	100	18	8.5	100	60		B9A	TP
6U3	**1 23* **8		6	{ 250	100	100	10	5.2	100	100		B9A	TP
6U4	001 080 230		6				2.2	1.3	100	60		B9A	TP
6U5M	028 090 310		6				.9		100	100		B9A	R
6U6	026 540 310		6				180		REC		40mA	A08	R
6U7	026 510 310		6				120		REC		30mA	A08	RR
6U8	645 237 114		6				30		REC		15mA	A08	RR
6UBA	645 237 114		6				56	6.2	100	100	6.2	A08	P
6V1A	082 230 808		6				8	1.5	100	100	1.5	A08	P
6V4	8*1 23* 9**		6				18	8.5	100	60	7	B9A	TP
6V5	006 540 230		6				10	5.2	150	100	5	B9A	TP
6V6	026 540 310		6				10	5.2	150	100	5	B9A	TP
6V7	026 980 310		6				18	8.5	100	60		B9A	TP
6V8	681 234 119		6				10	5.2	100	100		B9A	TP
6W2	023 000 000		6				10	5.2	100	100		B9A	TP
6W3	**1 23* **8		6				20		REC		40mA	B9A	R
6W4	001 080 230		6				120		REC		30mA	A08	R
6W5	028 090 310		6				60		REC		20mA	A08	RR
6W6	026 540 310		6				58	8	100	100	8	A08	P
6W7	026 510 310		6				2	1.2	100	100	1.2	A08	P
6W05	266 114 300		6				12	4.3	No Data Available			B7G	H
6X2	023 000 000		6						D			B3G	D
6X3	020 000 310		6				5		D			A08	R
6X4	802 309 100		6				30		REC		35mA	B7G	RR
6X5	028 090 310		6				30		REC		35mA	A08	RR
6X8	146 231 457		6				8.5	5.8	100	60	5	B9A	TP
6X8A	146 231 457		6				7.5	4.6	100	150	4	B9A	TP
6Y3	030 000 200		6				5		D			A08	R
6Y5	208 193 000		6				30		REC		15mA	UX6	RR
6Y6	026 540 310		6				58	7	100	100	7	A08	P
6Y7	027 446 310		6				5.3	1.8	150		1.8	A08	TT
6Y50	802 308 001		6				180		REC		40mA	B9A	R
6Z3	381 200 000		6				60		REC		20mA	UX4	R
6Z4	289 130 000		6				30		REC		45mA	UX5	RR
6Z5	328 192 000		6				30		REC		15mA	UX6	RR
6Z6	028 190 310		6				30		REC		15mA	A08	RR
6Z7	026 447 310		6				4.2	0.5	150		0.5	A08	TT
6Z31	802 309 100		6.3				30		REC		15mA	B7G	RR
6Z40	000 230 008		6.3				120		REC		30mA	B9A	R
6ZDH3A	264 813 000		6				1.5	1.5	100		1.2	UX6	DT
6ZP1	265 413 000		6				15	1.7	100	100		UX6	P
6ZT5	028 090 310		6				15		REC		15mA	A08	RR
7A2	045 231 600		4				40	3.2	100	150	2.3	B7	P
7A3	045 231 600		4				32	10	100	100	10	B7	P
7A4	260 0*4 130		6				9	2.6	100		2.6	B8B	T
7A5	265 004 130		6				44	6	100	90	6	B8B	P
7A6	219 008 130		6				5		D			B8B	RR
7A7	265 104 130		6				9.2	2	100	100	2	B8B	P
7A8	266 451 130		6				14	1.4	100	100	1.6	B8B	O
7AB7	526 141 310		6				4	1.8	100	100	1.2	B8B	P
7AC7	412 365 100		6				10	9	100	100	8	B7G	P
7AD7	265 104 130		6				28	9.5	100	150	9	B8B	P
7AP7	217 446 130		6				9	2.1	100		2.1	B8B	TT
7AG7	265 114 130		6				6	4.2	200	200	4.2	B8B	P
7AH7	265 114 130		6				6.8	3.3	100	150	3.3	B8B	P
7AJ7	265 104 130		6				2.2	1.5	100	100	1.5	B8B	P
7AK7	265 104 130		6				40	6.5	100	100	6.0	B8B	P
7AN7	147 234 116		7.5				12	6	100		6	B9A	TT
7AU7	741 226 413		3.5				10.5	2.2	100		2.2	B9A	TT
7B4	260 004 130		6				0.9	1.5	200		1.5	B8B	T
7B5	265 004 130		6				32	2.3	100	150	2.3	B8B	P
7B6	264 *98 130		6				0.9	1.1	200		1.1	B8B	DDT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
7B7	265 104 130		6	3	250	100	8.5	1.7	100	100	1.7	B8B	P
7B8	265 454 130		6	2	250	100		1.1	100	100	1.1	B8B	H
7C4	2*0 800 130		6				5		D			A08	R
7C5	265 004 130		6	12.5	250	250	45	4.1	100	150	4.1	B8B	P
7C5LT	265 004 130		6	12.5	250	250	45	4.1	100	150	4.1	B8B	P
7C6	264 198 130		6	1	250		1.3	1	250		1	B8B	DDT
7C840	146 234 117		7	1.5	90		12	6	80		6	B9A	TT
7C7	265 114 130		6	3	250	100	2	1.3	100	100	1.3	B8B	P
7D3	045 231 600		40	20	150	125	36	2.4	100	100	3.8	B7	P
7D5	045 231 600		13	16.5	250	250	34	2.3	100	150	2.3	B7	P
7D6	045 231 600		40	6	250	250	32	10	100	100	10	B7	P
7D7	276 454 130		6	3	150		3		100	60		B8B	TH
7D8	045 231 600		13	6	250	100	1.3	0.2	100	100			
7D9	412 360 500		6	13.5	250	250	16	2.6	100	150	10	B7	P
7D9	045 231 600		13	25	250	250	32	1.8	100	150	2.6	B7G	P
7D9	045 231 600		13	25	250	250	32	1.8	100	150	1.8	B7	P
7D10	*41 230 651		6	4.5	250	250	40	11	100	150	9	B8A	P
7D11	026 540 310		6.3	20	350	250	95	9	100	100		A08	P
7D18	641 237 411		7	1.3	90		15	12.5	No Data Available			B9A	TT
7E5	426 141 630		6	3	200		5.5	3	150		3	B8B	T
7E6	264 *98 130		6	8	250		9.5	1.9	100		1.9	B8B	DDT
7E7	269 854 130		6	3	250	100	7.5	1.3	100	100	1.3	B8B	DDP
7E7	141 230 651		7.3	1.9	200	175	10		100	100		B9A	P
7E87	146 234 117		7	1.2	200		15	4	100		4	B9A	TT
7E88	641 237 410		7	1.2	90		15	12.5	No Data Available			B9A	TT
7F16	026 540 310		7.2	17.5	250	250	44	4.4	100	100		A08	P
7F7	217 446 130		6	2	250		2.3	1.6	200		1.6	B8B	TT
7F8	427 116 340		6	3	250		6	3.3	200		3.3	B8B	TT
7F16	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P
7F7	146 234 117		7.2	1.2	90		15	12	No Data Available			B9A	TT
7G7	265 114 130		6	2	250	100	6	4.5	100	100	4.6	B8B	P
7G8	265 441 730		6	2.5	250	100	4.5	2.1	100	100	2.1	B8B	FP
7G8	576 234 141		8	3	100		14		100	60			
7G8	576 234 141		8	1.2	200	150	10		100	100		B9A	TH
7G7	657 231 414		7.4	3	100		14	5.5	100	60		B9A	TP
7H6	265 114 130		6	2.5	250	150	9.5	3.5	100	150	3.5	B8B	P
7H7	265 114 130		6	2	250	150	10	4.2	100	150	4.2	B8B	P
7H8	146 234 117		7.9	3	100		14		100			B9A	TT
7J7	276 454 130		6	3	150		6.6	1.4	150	60	1.4	B8B	TH
7J7	276 454 130		6	3	250	100	1.4		100	100			
7K7	216 498 130		6	2	250		2.3	1.6	200		1.6	B8B	DDT
7L7	265 104 130		6	1.5	250	100	4.5	3.1	100	100	3.1	B8B	P
7L7	217 446 130		7.5	5	200	175	35	11	No Data Available			B9A	P
7Q7	266 414 130		6	8	250		9	2.6	100		2.6	B8B	TT
7Q7	266 414 130		6	2	100		15	6	100		4.5	B8B	H
7R1	280 300 000		7.5				60		REC		20mA	UX4	R
7R7	269 854 130		6	1	250	100	6.2	3.4	100	100	3.4	B8B	DDP
7S7	276 454 130		6	1	100		4.8	1.4	100	60	1.8	B8B	TH
7T7	265 104 130		6	2	250	100	4	2	100	100	2.2	B8B	P
7V7	265 114 130		6	1	250	150	10.8	4.9	100	150	4.9	B8B	P
7V7	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B	P
7V7	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B	P
7X6	218 009 130		6				30		REC		15mA	B8B	RR
7X7	264 189 130		6	1	250		1.9	1.5	250		1.5	B8B	DDT
7Y4	208 009 130		6				30		REC		30mA	B8B	RR
7Z4	209 008 130		6				60		REC		20mA	B8B	RR
8A1	542 310 000	A1	4	1.5	200	75	3.5	4	100	75	4	B5	P
8A1	041 231 500	A1	4	1.5	200	75	3.5	4	100	75	4	B7	P
8A2	542 310 000	A1	4	2.1	200	100	3	2.4	100	100	2.4	B5	P
8A8	645 237 114		9	2	100		14	5	100	60	5		
8A8	645 237 114		9	2	200	175	10	6.2	100	150	6	B9A	TP
8A8	146 231 457		8.5	1.25	150		8.5	4.9	100	60	5	B9A	TP
8A8	146 231 457		8.5	1.5	200	125	16	7	100	100	7	B9A	TP
8A8	146 231 457		8.5	1.2	150		8.5	4.9	100	60	5	B9A	TP
8A8	146 231 457		8.5	1.5	200	125	16	7	100	100	7	B9A	TP
8A8	146 231 457		8.4	2	200		4	4	100	60	4	B9A	TP
8A8	146 231 457		8.4	3	200	150	13	9	100	100	9	B9A	TP
8B8	414 237 516		8	1	100		1	1.9	100	60	1.9	B9A	TP
8B8	414 237 516		8	16	200	200	35	6.4	100	100			

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
8BA8	146 231 457		8.4	{ 8 200			8 2.7	100	60	5		B9A	TP
				{ 3 200	150		13 9	100	100				
8BH8	146 231 457		8.4	{ 5 150			9.5 3.3	100	60			B9A	TP
				{ 1.6 200	125		15 7	100	100				
8BM8	414 237 516		7.9	{ 1 200			3.7 2.5	100	60	2.5		B9A	TP
				{ 16 200	200		35 6.4	100	100				
8BN8	811 239 641		8.4	{ 3 250			1.6 2.6	100		3.5		B9A	DDT
8BQ5	*41 23* 6*5		8		250	250	48 11.5	No Data Available				B9A	P
8BQ7A	641 237 410		8.4	{ 2 150			9 6.4	100		6		B9A	TT
8CP40	645 237 114		9	{ 2 100			14 5	100	60			B9A	TP
				{ 2 200	175		10 6.2	100	100				
8CG7	741 236 410		8.4	{ 8 250			9 2.6	100		3		B9A	TT
8CH7	701 236 441		8.4	{ 7 200			5 2	100		2.8		B9A	TT
				{ 8 250			20 4.4	100		4.7			
8CN7	891 221 643		4.2	{ 3 250			1 1.2	100		1.3		B9A	DDT
8CS7	704 236 411		8.4	{ 10.6 250			19 4.5	100		4		B9A	TT
8CW5	*51 23* 6*5		8	{ 12.5 200	175		70 10	100	60			B9A	P
				{ 1.7 250			1.2 1.6	100	60	1.6		B9A	TP
8CV8	415 237 146		8	{ 7 250	250		36 10	100	100				
				{ 1.5 150			9 4.6	100	60	4.6		B9A	TP
8CX8	146 231 456		8	{ 2 200	125		25 10	100	60				
				{ 3 250			1.2 1.3	100				B9A	TT
8CT7	6*4 237 411		7.9	{ 3 150			30 5.4	100					
8D2	061 231 500	G1	13	{ 3 250	100		2 1.25	100	100	1.25		B7	P
8D3	412 361 500		6	{ 2 250	250		10 7.5	100	PenLF 5			B7G	P
				{ 1.5 200	150		4 6.4	100	PenLF 5				
8D4	026 510 310	G1	6	{ 2 250	100		3 1.8	100	100	1.8		A08	P
8D5	041 230 651		6	{ 3 250	100		2 1.2	100	100	1.2		B9A	P
8D6	141 230 651		6	{ 2 200	175		10 2.5	100	100	2.5		B9A	P
8D7	001 230 651	G1	6	{ 3 250	100		2 1.25	100	100	1.2		B9A	P
8D8	501 236 014		6	{ 2 250	150		3 1.9	100	100			B9A	P
8DX8	461 237 145		7.5	{ 1.7 200			30 4	100	60			B9A	TP
				{ 2.1 200	175		18 11	100	100				
8EB8	146 231 457		8	{ 2 250			2 2.7	100	60			B9A	TP
				{ 200 125	25		12.5 12.5	100	100				
8EM5	504 234 106		8.4	{ 18 250	250		35 5.1	100	100			B9A	P
8FQ7	741 236 410		8.4	{ 8 250			9 2.6	100				B9A	TT
8G140	892 300 000		8				60	REC		20mA		B4	RR
8GE8	146 231 457		8.2	{ 2 200			4.5 4.2	100	60			B9A	TP
				{ 200 175	22		12 100	100	100				
8GK6	141 230 651		8	{ 7.4 250	250		48 11.3	No Data Available				B9A	P
				{ 2 250			2 2.7	100	60	3		B9A	TP
8GN8	146 231 457		8	{ 3 200	150		25 11.5	100	100				
8GV8	414 237 146		7.5	{ 1.7 250			1.2 1.6	100	60	1.5		B9A	TP
				{ 7.0 250	250		36 10	100	100				
8HG8	141 234 675		8	{ 3 100			14 5.5	100	60	5.5		B9A	TP
				{ 1.2 200	150		10 12	100	100				
8JE8	146 231 457		8.2	{ 2 200			4.5 4.2	100	60	4		B9A	TP
				{ 250 150			22 12	100	100				
8JK8	641 237 410		8.4	{ 1.0 100			5.3 6.8	100		6		B9A	TT
				{ 1.2 150			10 13	100					
8MP12	412 365 400		8.5	{ 200 175	25			100	100			B7G	P
8NP12	412 365 400		8.5	{ 200 175	25			100	100			B7G	P
8RB11	504 234 106		8.5	{ 12.5 200	200		45 7.5	100	100			B9A	P
8RHP1	414 237 516		8.2	{ 16 100			3.5 2.5	100	60	2.5		B9A	TP
				{ 200 200	35		6.4 100	100	100	6			
8SN7	461 471 230		8.4	{ 8 250			9 2.6	100		2.6		A08	TT
8T27	641 237 410		8.4	{ 150			10 6.8	100				B9A	TT
9A1	542 231 000	A1	4	{ 1.5 200	75		5 4.2	100	75	4.2		B5	P
9A1	045 231 500		4	{ 1.5 200	75		5 4.2	100	75	4.2		B7	P
9A3	061 231 500	G1	4	{ 2 250	125		10 1.8	100	100	1.8		B7	P
9A8	645 237 114		9	{ 2 100			14 5	100	60	5		B9A	TP
				{ 2 200	175		10 6.2	100	150	5			
9AB4	602 304 100		9	{ 2 250			10 5	100				B7G	T
9AKR	191 238 146		9.5	{ 2.3 200			1 1.4	100		1.4		B9A	DDT
9AQ8	641 237 410		9	{ 2.1 200			10 5.8	200		5.8		B9A	TT
9AL7	741 226 413		4.7	{ 3.5 250			10.5 2.2	200		2.2		B9A	TT
9BM5	412 365 400		9	{ 6 250	250		30 7	100	100			B9A	P
9BQ7A	641 237 410		8.4	{ 2 150			9 6.4	100		6		B9A	TT
9BR7	641 229 813		4.7	{ 2.0 250			10 4	100		4		B9A	DDT
9BW6	*41 230 651		9	{ 12.5 250	250		45 4.1	100	150	4		B9A	P
				{ 2 100			14 5	100	60	5			
9CX	645 237 114		9	{ 2 200	175		10 6.2	100	100			B9A	TP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
9CL8	461 237 514	G1	9.5	{ 0.75 150	15	8	100		7.5			B9A	TP
9D2	061 231 500		13	{ 0.1 150 125	12	5.8	125	150	5			B7	P
9D6	412 361 500		6	{ 3 250 125	10.5	1.65	100	100	1.8			B7G	P
9D7	141 230 651		6	{ 2.5 250 200	8	2.5	100	100	2.5			B9A	P
9DZ8	414 237 516		9	{ 1.5 250 100	10	8.4	100	100					
				{ 150	0.8	1.4	100	60	1.4			B9A	TP
				{ 150 125	45	7.5	100	100					
9EP6	026 540 310		9.4	{ 18 250 250	50	5	100	100				A08	P
9EN7	157 236 414		9	{ 150	6	5	100	60				B9A	TP
9GB8	641 237 541		9.4	{ 200 150	7.6	8.5	100	100				B9A	TP
9J6	762 344 100		9	{ 250	8		100	60				B9A	TP
9P9	412 365 400		9	{ 250 250	12		100	100				B7G	TT
				{ 0.85 100	8.5	5.3	100		5.3			B9A	P
				{ 6 250 250	30	7	100	100					
9RA6	140 230 406		9.5	{ 12 250	26	8.5	100					B9A	T
9T8	191 238 146		9.5	{ 3 250	1	1.2	100		1.3			B9A	DDPT
9T26	641 237 410		9.5	{ 2.3 250	10	6	100		6			B9A	TT
9TP4	145 237 614		9.4	{ 150	18	8.5	100	60				B9A	TP
				{ 68 250 100	10	5.2	100	100					
9U8	645 237 114		9.5	{ 1 150	18	8.5	100	60	8.5			B9A	TP
				{ 1 250 100	10	5.2	100	100	5				
9UBA	645 237 114		9.5	{ 1 150	18	8.5	100	60	8.5			B9A	TP
				{ 1 250 100	10	5.2	100	100	5				
9XB	146 231 457		9.5	{ 100	8.5	5.8	100	60				B9A	TP
				{ 3.5 150 150	6.2	2.1	100	100					
10	264 300 000		7.5	{ 32 250	16	1.55	100		1.5			UX4	T
10BM8	414 237 516		10	{ 100	3	2.2	100	60				B9A	TP
10BQ5	041 230 605		10	{ 11.5 150 150	41	7.5	100	100				B9A	P
10C1	276 454 130		28	{ 7.3 250 250	48	11	No Data Available					B8A	TH
				{ 3.3 100	6	3	100	60	3				
10C2	276 454 130		28	{ 2.5 200 100	8	2.5	100	100	2.5			B8A	TP
				{ 3.3 100	6	3	100	60	3				
				{ 1.5 175 100	3	5	100	100	5				
10C8	641 237 541		10.5	{ 2.7 250	7.3	4.4	100	60	5			B9A	TP
				{ 1.5 150 125	11.5	8	125	125	8				
10C14	541 237 164		19	{ 100	13.7	3.7	100	60				B9A	TP
				{ 2.2 200 100	5	2.3	100	100					
10CV5	*41 23* 6*5		10	{ 12.5 150 150	70	10	No Data Available					B9A	P
10D1	892 310 000		13		5		D					B5	RR
10D2	192 310 800		19		5		D					B7G	RR
10DA7	614 237 411		10.5	{ 8 250	9	2.6	100					B9G	TT
10DA8	604 237 411		10.5	{ 17.5 150	40	5.7	100					B9A	TT
10DE7	744 236 411		10	{ 8 250	9	2.6	100						
				{ 17.5 150	32	6.5	100					B9A	TT
10EB8	146 231 457		10.5	{ 11 250	5.5	2	100						
				{ 2 250	2	2.7	100	100				B9A	TP
				{ 200 125	25	12.5	100	100					
10EG7	461 471 230		9.7	{ 11 350	5.5	2	100					A08	TT
				{ 17.5 150	45	7.5	100						
10EM7	461 471 230		9.7	{ 20 150	50	7.2	100					B9A	TT
				{ 3 250	1.4	1.6							
10ER5	142 360 100		10.8	{ 1.2 200	10	10.5	No Data Available					B7G	T
10EW7	744 236 411		9.7	{ 17.5 150	45	7.5	100					B9A	TT
				{ 11 250	5.5	2.0	100						
10DR7	744 236 411		9.7	{ 17.5 150	35	6.5	100					B9A	TT
				{ 3 250	1.4	1.6	100						
10DX8	461 237 145		10	{ 1.7 200	3	4	100	60	4			B9A	TP
				{ 2.1 200 175	18	11	100	100					
10F1	261 514 130		22	{ 1.8 200 200	10	9	100	100				B8A	P
10F3	260 154 130		22	{ 2.3 200 200	6	6.5	100	150	7			B8A	P
10F9	260 154 130		13	{ 2.5 200 100	7	2.3	100	100	2.3			B8A	P
10F18	141 230 651		13	{ 1.3 200 100	12	4.5	100	100				B9A	P
10PD7	644 237 411		9.7	{ 250	6	1.6	100		1.6			B9A	TT
				{ 17.5 150	45	7.5	100						
10PD12	541 236 891		19	{ 1.5 200 200	11	4.5	100	100				B9A	DDP
				{ 3 250	1.4	1.6	100						
10PG7	141 237 064		9.7	{ 20 150	50	7.2	100					B9A	TT
				{ 20 150	50	7.2	100						
10GP7	141 237 064		9.7	{ 3 250	1.4	1.6	100					B9D	TT
				{ 2 250	2	2.7	100	60	3			B9A	TP
10GN8	146 231 457		10.5	{ 3 200 150	25	11.5	100	100					
10GW8	415 237 146		10	{ 1.7 250	1.2	1.6	100	60	1.6			B9A	TP
				{ 7 250 250	36	10	100	100					
10HP8	146 231 457		10	{ 250	4	4	100	60	4			B9A	TP
				{ 250 250	18	12.5	100	100					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
12DL4	414 234 464		12		150		12.5	14	No Data Available			B9A	T
12DL6	815 236 419		12.6	2.5	12	12	3.8	6.5	No Data Available			B9A	DDP
12DL8	814 236 519		12.6	0.5	12	12	40	15	No Data Available			B9A	DDP
12DM4	0*1 080 230		12.6				180		REC		35mA	B9A	R
12DM5	142 345 600		12.6	7.5	150	100	49	7.5	100	100		B7G	P
12DM7	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT
12DQ6	020 540 310	A1	12	22.5	250	150	75	6.6	100	100		A08	P
12DQ7	141 223 651		6	2.1	100	125	26	10.5	100	100		B9A	P
12DS7	805 236 419		12.6	2	12	12	40		No Data Available			B9A	DDP
12DT1	412 389 600		12.6	3	250		1	1.2	100		1.2	B7G	DDT
12DT2	412 389 600		12.6	2	250		1.1	1.6	100		1.6	B7G	DDT
12DT5	504 234 1*6		12.6	16.5	250	250	38	6.2	100	100		B9A	P
12DT6	412 365 100		12.6	2.2	150	100	1.1	0.8	150	100	2	B7G	P
12DT7	641 227 413		6.3	2	250		1.2	1.6	100		1.6	B9A	TT
12DT8	741 236 410		12.6	2.5	250		10	5.5	100		4	B9A	TT
12DU7	415 236 8*9		12.6		12	12	12	6.2	No Data Available			B9A	DDP
12D*7	198 226 413		12.6		12		0.4	0.7	No Data Available			B9A	DDT
12DV8	914 236 518		12.6	1.0	12.6	12.6	6.8		No Data Available			B9A	DDP
12DV5	504 234 106		12.6	22.5	200	150	55	5.5	100	100		B9A	P
12DT8	415 237 164		12.6	{	12	12	1.2	2	No Data Available			B9A	TP
					12	12	14	6					
12D26	412 365 100		12.6		12	12	4.5	3.8	No Data Available			B7G	P
12E1	020 540 310	A1	6	18	150	150	75	9.8	100	100	70	A08	P
12E1C	*36 541 210		6.3	20	300	150	90	10	No Data Available			A08	P
12E4	541 237 464		12.6	{	2.6	200		5.4	100	60		B9A	TH
12E5	026 040 310		12.5		13.5	200	100	3.7	100	100		A08	T
					250		5	1.4	100		1.4		
12E8	027 546 310	G1	12	{	100		3.3		100	60		A08	TH
					2	100	100	3	0.5	100	100	0.5	
12E14	*36 541 210		6.3	20	300	150	90	10	No Data Available			A08	P
12EA6	412 365 100		12.6		12	12	3.2	3.8	No Data Available			B7G	P
12EA6A	412 398 600		12.6	1	12		0.1	0.5	No Data Available			B7G	DDT
12EC8	461 237 514		12.6	{	12	12	2.4	4.7	No Data Available			B9A	TP
					12	12	0.6	2					
12ED5	142 345 600		12.6	4.0	100	100	32	8.1	100	100	9	B7G	P
12EP6	026 540 310		12.6	18	250	250	50	5.0	100	100		A08	P
12EH5	142 345 600		12.6	3.2	100	125	42	14.6	100	125		B7G	P
12EK6	412 365 100		12.6		12	12	4.4	4.2	No Data Available			B7G	P
12EL6	462 398 100		12.6		12		0.7	1.2	No Data Available			B7G	DDT
12EM6	415 236 **8		12.6		12	12	6	5	No Data Available			B9A	DP
12EN6	026 540 310		12.6	9.5	200	100	50	8.0	100	60		A08	P
12EA7	141 235 680		12.6		100	100	9	3.9	100	100		B9A	DP
12ES5	142 360 100		12.6	1	200		10	9.4	100			B7G	T
12EL6	412 365 100		12.6	1.0	12	12	2.4	4	No Data Available			B7G	P
12EZ6	412 365 100		12.6	0.7	12	12	1.9	2.7	No Data Available			B7G	P
12P	280 300 000		5				60		REC		20mA	UX4	R
12P5	020 600 310	G1	12.5	2	250		0.9	1.5	150		1.5	A08	T
12P8	856 239 141		12.6	0	12	12	1	1	No Data Available			B9A	DDP
12F31	412 365 100		12	1	100	100	10.8	4.3	100	100	4.3	B7G	P
12FK6	412 389 600		12.6		12		1.3	1.2	No Data Available			B7G	DDT
12FM6	412 398 600		12.6		12		1	1.3	No Data Available			B7G	DDT
12FQ8	747 236 461		12	1	200		3	1.5	100		1.5	B9A	TT
12FR8	414 325 786		12.6	{	0.6	12	1	1.2	No Data Available			B9A	DDP
					0.8	12	12	1.9	2.7				
12PT6	412 389 600		12.6		12		2	1.9	No Data Available			B7G	DDT
12FX8	747 324 161		12.6	{	12.6		1.3	1.4	No Data Available			B9A	TH
					12.6		4.4	3.6					
12FX8A	747 324 161		12.6	{	12.6		1.3	1.4	No Data Available			B9A	TH
					12.6		4.4	3.6					
12G4	602 364 100		12	8	250		10	3	100		3	B7G	T
12G7	026 980 310	G1	12.5	3	250			1.2	100			A08	DDT
12G8	714 226 143		6.3	12.6			7.2	2.6	No Data Available			B9A	TT
12GA6	412 366 100		12.6		12.6		3.6	2.4	No Data Available			B7G	O
12GB3	*24 540 310		12.6	7.7	100	100	100	14	No Data Available			A08	P
12GB6	020 540 070	A1	12.6	22.5	250	150	57	5.9	100	100	5	A08	P
12GB7	020 540 310	A	12.6	7.7	100	100	100	14	No Data Available			A08	P
12GJ5	541 234 5**	A1	12.6	22.5	250	150	70	7.1	100	100		B9D	P
12GK17	001 080 230		12.6				120		REC		30mA	A08	R
12GN6	412 365 800		12.6	68	250	100	11	4.4	100	100		B7G	DP
12GT5	541 324 5*6		12.6	22.5	250	150	70	7.1	100	100		B9D	P
12GW6	020 540 310	A1	12.6	22.5	250	150	70	7.1	100	100		A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
12H1C	416 147 230		12.6	6.5	200		7.6	1.9	100			A08	TT	
12H4	623 364 100		6	8	250		9	2.6	90		3	B7G	T	
12H6	029 180 310		12.5						D		4	A08	DD	
12H10C	064 471 230		12.6	2	250		2	1.3	100			A08	TT	
12H31	412 365 400		12.6		100	100	2.8	0.4	100	100	0.4	B7G	H ¹	
12J5	026 040 310		12	8	250		9	2.6	100		2.6	A08	T	
12J7	026 510 310	G1	12.5	3	250	100	2	1,225	100	100	2.2	A08	P	
12J8	415 236 189		12.6		12	12	12	5.5	No Data	Available		B9A	DDP	
12JB6	541 234 51*	A	12.6	22.5	250	150	70	7.1	100	100		B9D	P	
12JT6	541 231 5*6		12.6	22.5	250	150	70	7.1	100	100		B9D	P	
12K5	142 355 600		12.6	2	12	12	8	7	No Data	Availible		B7G	P	
12K7	026 510 310	G1	12.5	3	250	125	10.5	1,65	100	100	1.6	A08	P	
12K8	027 546 310	G1	12.5	{	1	100	8	2.5	100	60	3	A08	TH	
12L6	026 540 310		12	8.25	200	125	46	8	100	100	8	A08	P	
12L8	414 752 360		12.5	9	200	175	13	2.1	100	100	2.1	A08	PP	
12M7	026 510 310	G1	12	2.5	100	100	6	2.2	100	100	2.2	A08	P	
12NK7	026 510 310	G1	12.5	2	250	100	5	2.3	100	100	2.3	A08	P	
12P1	412 365 100		12.6	68	250	100	11	4.4	100	100		B7G	P	
12P2	412 365 100		12.6	68	250	150	10.6	5.2	100	100		B7G	P	
12Q7	026 980 310	G1	12.5	3	250		1	1.2	150		1.2	A08	DDT	
12R5	142 345 600		12.6	8.5	100	100	40	7	100	100		B7G	P	
12RK19	*** 23* **8	C	12.6		180		180		REC		40mA	B9A	TT	
12RL13	641 227 413		12.6		150		10	5.5	100			B9A	TT	
12S7	268 154 130		13	2	200	90	5	2	100	100	1.9	B8A	DP	
12S8	†18 916 230	G1	12.5	2	250		0.9	1.1	150		1.1	A08	DDDT	
12SA7	126 641 340		12.5	3.6	100		12	4.3	100		4.5	A08	H	
12SA7G	026 641 340		12.5	3.6	100		12	4.3	100		4.5	A08	H	
12SC7	074 461 230		12.5	2	250		2	1.3	150		1.3	A08	TT	
12SF5	014 060 320		12.5	2	250		0.9	1.5	150		1.5	A08	T	
12SF7	041 586 230		12.5	1	250	100	12.9	2	100	100	2	A08	DP	
12SG7	021 415 360		12.5	1	250	125	11.8	4.7	100	100	4.7	A08	P	
12SH7	021 415 360		12.5	1	250	150	10.8	4.9	100	150	4.9	A08	P	
12SJ7	021 415 360		12.5	3	250	100	3	1.65	100	100	1.6	A08	P	
12SK7	021 415 360		12.5	3	250	100	9.2	2	100	100	2	A08	P	
12SL7	461 471 230		12.5	2	250		2.5	1.6	150		1.6	A08	TT	
12SN7	461 471 230		12.5	8	250		9	2.6	100		2.6	A08	TT	
12SQ7	041 896 230		12.5	2	250		0.9	1.1	150		1.1	A08	DDT	
12SR7	041 986 230		12.5	9	250		9.5	1.9	100		1.9	A08	DDT	
12SS7	021 415 360		12.5	3	250	100	9	1.85	100	100	1.8	A08	P	
12SV7	041 986 230		12.5	9	250		9.5	1.9	100		1.9	A08	DDT	
12SX7	471 461 230		12.5	8	250		9	2.6	100		2.6	A08	TT	
12ST7	126 641 340		12.5	1	100		22	4.5	100		4.5	A08	H	
12TE8	427 546 310		12	{	100		3.4		100	60		A08	TH	
					250	100	3.7		100	100				
12TE9	651 237 440		12	{	100		3.4		100	60				
					250	100	3		100	100		B9A	TH	
12U7	741 226 413		6		12		1.2	1	No Data	Available		B9A	TT	
12V6	026 540 310		12.5	12.5	250	250	45	4.1	100	150	4	A08	P	
12W6	026 540 310		12	9.5	150	150	58	8.0	100	100	8.0	A08	P	
12WC5	265 414 300		12	1.5	250	100			No Data	Available		UX7	P	
12X3	210 300 000	D1	12.5				60		REC		20	UX4	R	
12X4	802 309 100		12.5				30		REC	15mA		B7G	RR	
12Y4	892 310 000		12				31		REC	15mA		UX4	RR	
12Z3	281 300 000		12.6				30		REC	15mA		UX4	R	
12Z4	281 300 000		12.5				60		REC	60mA		UX4	R	
12Z5	281 319 200		6				30		REC	15mA		UX7	RR	
12ZDH3A	264 813 000		12	2	250		1.5	1.5	125		1.2	UX6	DT	
12ZF1A	265 413 000		12	9	200	200	30	2.3	100	150		UX6	P	
13	298 300 000		5				60		REC		20mA	UX4	RR	
13BCTU	206 081 930	G1	2.5	1.8	200		3	2	150		2	B8B	DDT	
13BFZU	206 581 930	G1	12.5	2.1	200	200	5	2	100	200	2	B4B	DDP	
13CM5	020 540 310	A	12.8		100	100	100	14	100	100		A08	P	
13D1	461 471 230		25	8	250		2	2.6	100		2.5	A08	TT	
13D2	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT	
13D3	741 226 413		6	4.6	250		6	2.3	100		2.3	B9A	TT	
13D7	146 231 074		6.3		250		2.2	3.3	100			B9A	TT	
13D8	741 226 413		6.3	8.5	250		10.5	2.2	100		2.2	B9A	TT	
13DE7	644 237 410		13	{	11	250	5.5	2	100			B9A	TT	
				17.5	150		32	6.5	100					
13DH4	908 231 600	G1	13	1.5	250		1	1.5	100		1.5	B7	DDT	
13DR7	644 237 410		13	{	3	250	1.4	1.6	100			B9A	TT	
				17.5	150		35	6.5	100					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
10JY8	146 231 457		10.5	{	125		15	10.4	100	60		B9A	TP	
					200	150	24	11	100	100				
					100		15	10.4						
10KR8	146 231 457		10.5	{	100	100	19.5	20.0	No Data Available			B9A	TP	
10L1	412 314 600		19		1.5	250		10	8.5		8	B7G	T	
10L14	641 237 410		26		2.1	200		10	5.8	100	5	B9A	TT	
10LD3	264 098 130		14	1.1	150		0.6	1.95	150	1.9	B8A	DDT		
10LD11	264 098 130		15	5.9	250		5	2.3	100	3	B8A	DDT		
10LD12	791 238 146		28	2.3	200		1	1.4	100	1.4	B9A	DDT		
10LD13	641 238 09*		13	4.4	150		0.5	1.4	100	1.4	B9A	DDT		
10P13	260 054 130		40	6	150	150	30	7.5	100	100	6	B8A	P	
10P14	026 540 310		40	9.4	200	175	40	7.2	100	150	6	A08	P	
10P18	*41 23* 6*5		45	12.5	200	175	70	10	100	100	9	B9A	P	
10PL12	414 237 516		50	{	100		3.5	2.5	100	60	2.5	B9A	TP	
					16	200	200	35	6.4	100	100			
					4.5	90		2.5	0.4	80	0.4	UX4	T	
11	362 400 000		1.1	{	90							B9A	T	
11A1	*1* 234 **6		6.3		150		100	12				B9A	T	
11A2	908 231 600	G1	4		2	200		3	2.8	100	2.8	B7	DDT	
11A6	264 147 300		10	1	100			3.1	100	3.1	A08	TT		
11C5	026 040 310		10	1	100			2	100	2	A08	T		
11CT7	742 364 110		11	{	3	250		1.2	1.3			B9A	TT	
						150		30	5.4	100				
						250		0.6	1.1	100				
11D3	908 231 600	G1	13	2	250		0.6	1.1	100	1.1	B7	DDT		
11D5	908 231 600	G1	13	3	250		3.8	1.5	150	1.5	B7	DDT		
11E1	216 540 030		6		250	250	50	7.3	100	100	7	M08	P	
11E2	020 540 310	A1	6	16.5	200	200	25	9	100	150	8	A08	P	
11E8	200 647 310	G1	11		150		20		100			A08	TT	
11E13	414 226 573		6.3	40	300	200	74		No Data Available			B9A	FP	
11E6	026 540 310		10	1	100	150		2.5	100	150	2.5	A08	P	
11J7	026 500 310	G1	10	1	250	100		1.2	250	100	1.2	A08	P	
11JE8	146 231 457		10	{	2	200	4.5	4.2	100	60		B9A	TP	
						200	175	22	12	100	100			
						100								
11K7	026 500 310	G1	10	1	250	100		1.4	250	100	1.4	A08	P	
11L6	026 540 310		10	1	100	150		6	100	150	6	A08	P	
11N7	026 447 310		10	1	100			3.1	100	3.1	A08	TT		
11X5	028 090 310		11				30		REC		15mA	A08	RR	
12	364 200 000		1.1	4.5	90		2.5	0.42	80	0.4	UX4	T		
12A	264 300 000		5	4.5	90		5	1.5	80	1.5	UX4	T		
12A4	142 330 406		6	9	250		23	0.8	250	0.8	B9A	T		
12A5	265 413 200		6	15	100	100	17	1.7	100	90	1.7	UX7	P	
12A6	026 540 310		12.5	12.5	250	250	30	2	100	150	3	A08	P	
12A7	265 181 300	G1	12.5	{	12.5	150	150	9	1	100	100	1	Bu7	RP
12A8	026 545 310	G1	12.5		3	250	100	3.5	1.15	100	100	1.1	A08	H
12AB5	504 234 156		12		12.5	250	250	45	4.1	250	200	4	B9A	P
12AB5	421 060 350		12	22.5	250	150	57	5.9	100	100	5.8	A08	P	
12AC5	26* *54 130		12	3	200	125	2.3	2.3	100	150	2.3	B8A	P	
12AC6	412 365 100		12.6		12.6		0.5	0.7	No Data Available			B7G	P	
12AD5	541 236 **0		12.6	2.5	100	100	6	2.2	100	100	2.5	B9A	P	
12AD6	412 365 100		12.6		12	12	5	3.8	No Data Available			B7G	P	
12AD7	641 227 413		6	2	250		1.25	1.6	100			B9A	TT	
12AE6	412 389 600		12.6		12.6		0.7	1	No Data Available			B7G	DDT	
12AE7	641 227 413		6.3		12.6		0.9	6.5	No Data Available			B9A	TT	
12AP3	*** 23* 88*		12.6				120		REC		40mA	B9A	R	
12AP6	412 365 100		12.6		12	12	0.7	1.1	No Data Available			B7G	P	
12AG6	412 365 100		12.6	0.8	12	12	0.5		No Data Available			B7G	H	
12AH7	417 146 230		12.5	3.6	100		3.7	1.55	80		1.5	A08	TT	
12AH8	541 227 463		6	{	3	250	100	14.7	3.5	100	60	3.5	B9A	TH
								2.6		100	100	2.8		
12AJ6	412 314 600		12.6		12		0.7	1.2	No Data Available			B7G	TT	
12AJ7	541 237 464		12	{	2.5	250	90	3	0.6	100	60	2	B9A	TH
						60		2.6		60	100			
						100	60	1.7		100	60		B9A	TH
12AK7	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT	
12AL5	192 310 800		12.5				5		D			B7G	RR	
12AL8	654 237 141		12.6	{	0.9	12		0.2	0.5	No Data Available			B9A	TP
						0.8	12	25	8					
						12.5	250	250	45	4.1	100	150	4	B7G
12AQ5	412 365 400		12.5	8.5	150	100	35	5.6	150	100	5.6	B7G	P	
12AS*	142 345 600		12	3	250		1	1.2	100		1.2	B7G	DDT	
12AT6	412 389 600		12.5	6	2	250	10	5.5	200	5	B9A	TT		
12AT7	741 226 413		6	2	250		10	5.5	200	5	B9A	TT		

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
12AU4	001 080 230		12				120		REC		40mA	A08	R
12AU6	412 365 100		12.5	1	250	150	10.8	5.2	100	100	5.2	BTG	P
12AU7	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
12AU8	146 231 457		12.6		150		8.5	4.9	100	60		B9A	TP
12AV5	421 060 350		12.6	22.5	250	150	55	5.5	No Data Available			A08	P
12AV6	412 389 600		12.5	2	250		1.2	1.6	100		1.2	BTG	DDT
12AV7	741 226 413		6	1	150		18	8.5	100		7	B9A	TT
12AW6	412 365 100		12.5	1.5	250	150	7	5	100	150	5	BTG	P
12AW7	412 365 100		12.5	1.8	250	150	7	5	100	150	5	BTG	P
12AX4	001 080 230		12.5				120		REC		35mA	A08	R
12AX7	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
12AY3	080 230 801		12.6				180		REC		35mA	B9D	R
12AZ7	641 227 413		6	4	250		3	1.7	100		1.7	B9A	TT
12AZ7	741 226 413		6	2	200		10	5.5	100		5.5	B9A	TT
12B3	080 230 808	CI	12.6						D			B9A	R
12B4	142 330 406		6	17.5	150		34	6.4	150		6.3	B9A	T
12B6	026 080 310	GI	12.5	2	250		0.9	1.1	150		1.1	A08	DT
12B7	265 104 130		12.5	3	250	100	9.2	2	100	100	2	B8B	P
12B8	127 561 340	GI	12.5	1.1	100		0.6	1.5	100		60	A08	TP
12BA6	412 365 100		12.5	3	100	100	8	2.1	90	90	1.8	BTG	P
12BA7	641 231 106		12.5	2	100		18	7	100		7	B9A	H
12BC32	412 389 600		12	2	250		1	1.6	100		1.2	BTG	DDT
12BD6	412 365 100		12.5	3	250	100	9	2	100	100	2	BTG	P
12BE6	412 366 100		12.5	2	100		20	7	100		5	BTG	H
12BF6	412 398 600		12.5	9	250		9.5	1.9	100		1.9	BTG	DDT
12BH7	741 226 413		6	10.5	250		11.5	3.1	100		4	B9A	TT
12BK5	604 231 450		12	5	250	250	35	8.5	100	150	8	B9A	P
12BK6	412 389 600		12.5	2	250		1.2	1.6	150		1.6	BTG	DDT
12BL6	412 365 100		12.6	0.6	12	12	1.4	1.3	No Data Available			BTG	P
12BN6	142 354 600		12.5	1	60	60	0.5	1	80	60	1	BTG	P
12BQ6	020 540 310	AI	12	22.5	250	150	57	5.9	100	100	5	A08	P
12BR7	641 228 913		6	2	250		10	5.5	100		4	B9A	DDT
12BR7A	641 228 913		6.3		100		3.7	4	100			B9A	DDT
12BS3A	*8* 23* 8*1		12.6				180		REC		40mA	B9D	R
12BT6	412 389 600		12.5	3	250		1	1.2	150		1.2	BTG	DDT
12BU6	412 389 600		12.5	9	250		9.5	1.9	150		1.9	BTG	DDT
12BV7	141 223 651		6	2.2	250	150	27	13	100	100		B9A	P
12BW4	800 230 901		12				30		REC		15mA	B9A	RR
12BX6	141 230 651		12.6	2	150	150	10	7.4	100	100		B9A	P
12BT7	141 223 651		6	2.1	250	150	25	12	150	100	10	B9A	P
12BZ6	412 365 100		12.6	1	100	125	14	8	125	125	7	BTG	P
12BZ7	741 226 413		6	2	250		2.5	3.2	100		3	B9A	TT
12C2C	026 040 310		12.6	8	250		9	2.6	100			A08	T
12C5	142 345 600	GI	12	7.5	150	100	49	7.5	100	90	6	BTG	P
12C8	026 985 310		12.5	3	250	125	10	1.3	100	100	1.3	A08	DDP
12CA5	142 345 600		12	4.5	125	125	36	9.2	100	100	8	BTG	P
12CD6	021 040 350	A	12.6	55	150	150	75	7.7	100	100		A08	P
12CM6	504 234 106		12	12.5	250	250	45	4.1	100	100		B9A	P
12CN5	142 345 600		12.6	12	12		4.5	3.8	No Data Available			BTG	P
12CR5	154 231 541	AI	12.6	22.5	250	150	65	6	100	100		B9A	P
12CR6	182 365 400		12	2	250	100	6.9	2.2	100	100	2	BTG	DP
12CS5	514 234 1*6		12.6	10	200	125	47	8	100	188		B9A	P
12CS6	112 365 400		12	1	100	30	0.8	1.5	No Data Available			BTG	P
12CT8	641 237 541		12	1.4	150		9	4.9	100	60	4.5	B9A	TP
12CU5	142 345 600		12	1.5	200	125	15	7	100	100		B9A	TP
12CU6	142 345 600		12	8	150	100	50	7.5	100	100	7	BTG	P
12CV6	020 540 310	AI	12	22	250	150	57	5.8	100	100		A08	P
12CX6	412 365 100		12.6		12	12	3	3.1	No Data Available			BTG	P
12CY6	412 365 100		12.6		12	12	1.6	3.2	No Data Available			BTG	P
12D4	**1 *8* 230		12						D			A08	D
12D26	412 365 100		12.6		12	12	4.5	3.8	No Data Available			BTG	P
12DA6	041 230 651		12	1	200	100	12	4.4	100	100		B9A	P
12DB5	614 234 1*6		12.6	9.6	200	125	46	8	100	100		B9A	P
12DE8	418 236 151		12.6	0.8	12	12	1.3	1.5	REC		15mA	B9A	DP
12DF5	801 229 013		6.3				30		100		1.2	B9A	RR
12DF7	641 227 413		6.3	2	250		1.2	1.6	No Data Available			B9A	TT
12DJ8	641 237 410		12.6	1.3	100		15	12.5	No Data Available			B9A	TT
12DK5	141 230 651		12.6		12	12	2	3.3	No Data Available			B9A	P
12DK7	141 223 651		6.3		12	12	6	5	No Data Available			B9A	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
18P24	261 154 130		18	2.1	250	200	15	10.5	100	100		A08	P
18Pv6	412 365 100		18	1	100	100	11	4.4	100	100	4.4	B7G	P
18Pv6A	412 365 100		18	1	100	100	11	4.4	100	100	4.4	B7G	P
18FX6	412 365 100		18		100	100	24	7	100	100		B7G	O
18FT6	412 389 600		18	1	100		0.6	1.3	100		1.3	B7G	DDT
18GD6	141 230 651		18		100	100	5	4.3	100	100		B9A	P
18Gv6	142 360 100		18	1	100		1	1.7	100		1.7	B7G	T
18GV8	641 237 514		18	{	100		10	5.5	100	60	5	B9A	TP
					150	150	41	7.5	100	100			
18HD8	416 235 714		18	{	100		2.5	3.9	100	60		B9A	TP
					100	100	32	6.2	100	100			
18J6	672 344 100		18	1	100		6.5	5	100		5	B7G	TT
19	364 472 000		2	3	150		1.7		100			UX6	TT
19A3	002 283 100		9.5				60		REC		20mA	B7G	R
19AJ8	541 237 164		19	{	3	100	5	2.3	100	60	2.3	B9A	TH
					2	250	6.5	2.4	150	100	2.4		
19AQ5	412 365 400		19	12.5	250	200	47	4.1	100	150	4	B7G	P
19AU4	**1 080 230		19				120		REC		40mA	A08	R
19BD	**1 23* **8		19				60		REC		16mA	B9A	R
19BG6	021 040 350	A1	19	15	250	250	75	6	100	150	6	A08	P
19BT7	141 213 651		19	2	175	100	9.7	5.9	200	100	6	B9A	P
19C8	811 239 146		19	1	100		0.5	1.2	100		1.2	B9A	DDDT
19CL8	461 237 514		18.9	{	0.85	150	15	8	100	60	8	B9A	TP
					1	150	125	12	5.8	100	5		
19D3	541 237 464		19	{		100	11.5	7	100	60		B9A	TH
					2.6	200	125	11.6	2.4	100	2.4		
19D8	541 237 464		19	{		100	12.5	3.7	100	60	3.7	B9A	TH
					2.6	200	125	7.6	2.4	100	2.4		
19DC8	541 236 891		19	2	250	100	9	3.8	100	100		B9A	DDP
19DE7	644 237 411		19.5	{	11	250	5.5		100			B9A	TT
					17.5	150	35	6.5	100				
19EA8	645 237 114		18.9	{	1	150	18	8.5	100	60	8	B9A	TP
					1	150	125	12	6.4	100			
19EH7	141 230 651		19	2	200	100	13	13	No Data Available			B9A	P
19EJ7	141 230 651		18.9	2.5	200	200	10	15	No Data Available			B9A	P
19EZ8	144 127 464		18.9	1	150		4.2	4.2	100		4.2	B9A	TT
19FL8	541 236 891		19	1.5	200	100	11	4.5	100	100		B9A	DDP
19G3	020 000 300	D1	4				30		REC		17mA	A08	R
19G6	112 311 100	D1	4				30		REC		15mA	B7G	R
19GQ7	11* 239 181		18.9				5		D			B9A	DDD
19GV8	641 237 414		-18.9	{	1.6	100		6.5	100	60	6.5	B9A	TP
						200	200	41	7.5	100	100		
19H1	002 300 000	D1	4				60		REC		23mA	B4	R
19H4	020 000 300	D1	2.5				30		REC		13mA	A08	R
19HR6	412 365 100		18.9	1.2	200	100	13.2	8.5	100	100		B7G	F
19HS6	412 365 100		18.9	0.8	150	75	8.8	9.5	100	100		B7G	P
19HV8	461 237 514		18.9	{	1.0	100		0.8	1.3	100	1.3	B9A	TP
					1.0	150	150	13	7	100	6		
19J6	762 344 100		19	1	100		8.5	5.3	100		5.3	B7G	TT
19MR9	412 365 400		19	2.5	100	100	7	3.5	100	100	4	B7G	P
19Mv5	412 365 400		19	2	150	125	10	3.5	100	100	3.5	B7G	P
19R3	001 230 008		19				180		REC		40mA	B9A	R
19RL11	214 607 413		19	1.7	150		9	5.5	100		6	B9A	TT
19RL12	641 237 410		19	8.5	250		10.5	2.2	100		2	B9A	TT
19RP11	401 236 514		19	7	100	100	35	5.5	100	100		B9A	P
19SU	**1 23* **8		19				120		REC		30mA	B9A	R
19T8	191 238 146		19	3	250		1.0	1.2			1.2	B9A	DDDT
19U3	**1 23* **8		19				120		REC		40mA	B9A	R
19V8	681 234 119		19	3	250		1.0	1.2	100		1.3	B9A	DDDT
19V3	**1 23* **8		19				120		REC		35mA	B9A	R
19X3	**1 23* **8		19				120		REC		60mA	B9A	R
19X8	146 231 457		19	{	1	100		8.5	5.8	100	60	B9A	TP
					1.8	250	150	7.7	5.6	100	150		
19Y3	**1 23* **8		19				120		REC		60mA	B9A	R
19Y40	001 230 008		19				180		REC		40mA	B9A	R
20	364 200 000		3	16.5	90		3	0.4	80			UX4	T
20A1	645 231 700	G1	4	12.5	100		2.3		100	60	1.2	B7	TH
				1.5	250	75	2.2		100	75	2.8		
20A3	412 316 100		6		400		50	6	No Data Available			B9A	P
20D1	182 310 900		9.5				5		D			B7G	RR
20D2	745 231 600	G1	13	{	7.5	100		3.8	100	60		B7	TH
					3	250	100	2.5	100	100			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
20D3	541 227 463		6	{ 1 100 3 250 100				3.6	100	60	3.6	B9A	TH
20D4	541 237 164		6.3	{ 100 2 250 100			15	3.5	100	100	3.3		TH
20E57	141 235 680		20	{ 100 100 2 250 100			7	2.8	100	100		B9A	DP
20E27	223 146 741		10	{ 1.0 150 11 1.2 150 150			27	1.6	100	100	1.6	B9A	TT
20F2	260 154 130		11	{ 1.2 150 150			27	10.6	100	100	9	B8A	P
20J8	027 546 310	G1	20	{ 1.5 100 3 250 100			1.5		100	100		A08	H
20L1	274 164 130		12	{ 12 250 30 200 200			10	2.8	100		2.8	B8A	TT
20P1	020 540 310	A1	38	{ 30 200 200 38 7.5 250 250			80	6	100	100	5	A08	P
20P2	020 540 310	A1	38	{ 30 200 200 20 9.4 200 175			42	13.5	100	100	10	A08	P
20P3	026 540 310		20	{ 200 200 200 150 29			100	6	No Data Available	100	7	A08	P
20P4	020 540 310	A1	38	{ 33 200 200 6.3 200 150			29	7.5	100	100		A08	P
20P5	260 054 130		20	{ 2 250 100 1 250 100			9	1.2	100	60	1.5	B9A	DTP
20RDHV1	145 237 864		20	{ 2 250 100 1 250 100			9	3.5	100	100	3	B9A	DTP
20Y1	023 100 080		20	{ 100 080 60			60		REC	20mA	F8	R	
20Y40	000 230 008	C	20				120		REC	30mA	B9A	R	
21A6	*41 23* *51	A1	21.5	{ 28 200 200 150			40	6.0	100	100		B9A	P
21A7	276 454 130		21	{ 3 250 100 23 200 200			1.3		100	100		B8B	TH
21B6	041 230 051	A1	21	{ 23 200 200 21 1.5 90			45	6.5	100	100		B9A	P
21C7	146 234 117		21	{ 1.5 90 21 1.3 90			12	6	80		6	B9A	TT
21D18	641 237 410		21	{ 1.3 100 28 200 200			15	12.5	No Data Available			B9A	TT
21E88	641 237 410		21	{ 1.3 100 21 1.5 90			15	12.5	No Data Available			B9A	TT
21E88	021 040 350	A1	21.5	{ 28 200 200 100			67	7.7	100	100		A08	P
21L40	041 231 051	A1	21.5	{ 28 200 200 100			40	6	100	100		B9A	P
21T88	027 546 310	G1	21	{ 2.5 200 90 3 1.5 150 50			4	2	100	60	2	A08	TH
22	365 200 000	G1	3	{ 2.5 200 90 1.5 150 50			3	0.7	100	90		UX4	P
22AC	265 300 000		2.5	{ 3 90 90 22			4	1.05	80	90	1	UX4	P
22AQ3	*** 23* **8	C	22	{ 22.4 180 22.4 180			180		REC	20mA	B9A	R	
22B13	*8* 23* *81		22.4	{ 22.4 180 22.4 120			180		REC	40mA	B9D	R	
22IE4	001 080 230		22.4	{ 22.4 120 21.6 1.2 90			120		REC	30mA	A08	R	
22PC7	146 234 117		21.6	{ 1.2 90 22			15	12.3				B9A	TT
22JG6	541 231 5*6		22	{ 150 150 80 20 150 100 45			10		No Data Available			B9D	P
22JU6	541 234 51*	A1	22	{ 20 150 100 45 6.3			7		100	100		B9D	P
22S/101G	182 310 900		6.3	{ 5 2.5 90 400 150 43			5		D			B7G	R
23	205 411 300	A1	2.5	{ 90 400 150 43 2 13.5 200			8	1.6	No Data Available			UX7	P
24	264 300 000		2	{ 13.5 200 2.5 3 200 90 4			8	1.6	100		1.2	UX4	T
24A	265 130 000	G1	2.5	{ 3 200 90 4 2.5 3 200 90 4			1		100	90	1	UX5	P
24E	265 130 000	G1	2.5	{ 3 200 90 4 40 30			1		100	90	1	UX5	P
24NG	281 193 000		40	{ 30 2.5 3 200 90 4			30		REC	15mA	UX6	RR	
24S	265 130 000	G1	2.5	{ 3 200 90 4 2 3 150			4	1	100	90	1	UX5	P
25	268 943 000		2	{ 3 150 6.3 90 400 150 43			1.0	0.5	125		0.5	UX6	DDT
25	205 411 300	A1	6.3	{ 90 400 150 43 25 18 150 125 33			43		No Data Available			UX7	P
25A6	026 540 310		25	{ 18 150 125 33 25 60			33	2.3	100	90	3.5	A08	P
25A7	126 548 310		25	{ 15 100 100 1.4 0 150 100			20.5	1.8	REC	20mA		A08	RP
25AC1D	206 008 030	G1	1.4	{ 0 150 100 25 200 4			0.76	0.4	100	90	1.8	A08	DT
25AC5	026 040 310		25	{ 200 4 22.5 250 150 57			4	3.8	100		3.5	A08	T
25AV5	421 060 350		25	{ 22.5 250 150 57 25 120			57	5.9	100	100	5.8	A08	P
25AX4	001 080 230		25	{ 100 45 25 100 7			45	2.2	REC	30mA		A08	R
25B5	267 413 000		25	{ 100 7 22 150 150 61			7		100		2	UX7	TT
25B6	026 540 310		25	{ 22 150 150 61 1 100 100			61	5	100	100	5	A08	P
25B8	127 561 340	G1	25	{ 1 100 100 3 100 100			0.6	1.5	100	60	1.5	A08	TP
25BQ6	021 040 350	A1	25	{ 150 150 70 5 250 250 35			70	5	No Data Available			A08	P
25BR3	064 231 450		25	{ 5 250 250 35 22.5 250 150 55			35	8.5	100	150	8	B9A	P
25BQ6	020 540 310	A1	25	{ 22.5 250 150 55 25 7.5 150 100 49			55	5.5	100	100		A08	P
25C5	142 345 600		25	{ 7.5 150 100 49 14 200 150 61			49	7.5	100	90	6	B7G	P
25C6	026 540 310		25	{ 14 200 150 61 4.5 150 125 36			61	7.1	100	100	7	A08	P
25CA5	142 345 600		25	{ 4.5 150 125 36 30 200 200 75			36	9.2	125	125	9.2	B7G	P
25CD6	021 040 350	A1	25	{ 30 200 200 75 22.5 250 150 65			75	7.5	100	100	7.5	A08	P
25CR5	154 231 541		25	{ 22.5 250 150 65 300 150 80			65	6	100	100		B9A	P
25CU6	020 540 310	A1	25	{ 300 150 80 001 080 230			80		No Data Available			A08	P
25D4	001 080 230		25	{ 001 080 230 1 100 100			120		REC	30mA		A08	R
25D8	127 546 380	G1	25	{ 1 100 100 3 100 100			0.5	1.1	100	60	1.1	A08	DTP
25DK4	002 380 100		25	{ 3 100 100 150 150 70			8.5	1.9	100	100	1.9	B7G	R
25DN6	021 040 350	A1	25	{ 150 150 70 150 150 70			70	9	REC	15mA		A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
25DQ6	020 540 310	A1	25	22.5	250	150	75	6	100	100		A08	P	
25DT5	504 234 1*6		25	16.5	250	250	38	6.5	100	100		B9A	P	
25E2	541 227 365		12.6	2	200		6.5		100	100		B9A	TH	
25E5	020 540 310	A1	25	21	200	100	4		100	100		A08	P	
25ED6	021 040 350	A1	25		150	100	70	7.5	No Data Available			A08	P	
25EH5	142 345 600		25	3.2	100	125	42	14.6	No Data Available			B7G	P	
25F5	142 345 600		25	7.5	100	100	37	5.8	No Data Available			B7G	P	
25F7	020 540 310	A	25	21	150	150	100	11	100	100		A08	P	
25FG6	*2* 540 310	A1	25	21	200	175	100	11	No Data Available			A08	P	
25FTD	206 501 040	G1	1.4	2.5	150	125	1.2	0.7	100	100	0.7	A08	P	
25GB6	020 540 310	A1	25	22.5	250	150	6.5	6	100	100		A08	P	
25GY8	414 237 516		25	1.5	150		2.5	2	100	60	2	B9A	TP	
25L6	026 540 310		25	13.5	150	125	50	7	100	100		A08	P	
25MK15	002 380 100		25	8.2	200	125	47	8	100	90	8	A08	P	
							25		REC	20mA		B7G	R	
25RE	281 193 000		25				30		REC	15mA		UX6	RR	
25S	268 943 000		2	3	150		0.8	0.6	100	0.6		UX6	DDT	
25SN7	461 471 230		25	8	250		9	2.6	100	2.5		A08	TT	
25T3G	020 000 310	D1 D2	25				60		REC	15mA		A08	RR	
25U4	001 080 230		25				120		REC	30mA		A08	R	
25V5	028 190 310		25				60		REC	20mA		A08	R	
25V4	001 080 230		25				120		REC	30mA		A08	R	
25W6	026 540 310		25	8.5	250	125	46	8	100	100		A08	P	
25V9	001 080 230		25				120		REC	30mA		A08	R	
25X4	020 080 310		25				120		REC	30mA		A08	R	
25X5	020 080 310		25				120		REC	30mA		A08	R	
25X6	028 190 310		25				30		REC	15mA		A08	RR	
25Y4	020 080 310		25				60		REC	20mA		A08	R	
25Y5	281 193 000		25				60		REC	40mA		UX6	RR	
25Y5G	028 190 310		25				60		REC	40mA		A08	RR	
25Y6	028 190 310		25				30		REC	15mA		A08	RR	
25Z3	281 300 000		25				60		REC	20mA		UX4	R	
25Z4	028 080 310		25				120		REC	60mA		A08	R	
25Z5	291 183 000		25				60		REC	60mA		UX6	RR	
25Z6	029 180 310		25				60		REC	60mA		A08	RR	
26	264 300 000		1.5	10	150		5.5	1.1	100	1.1		UX4	T	
26AE6	*** 23* **8	C	26						D			B9A	R	
26A6	412 365 100		26	1.8	250	250	10.5	4	100	100	4	B7G	P	
26A7	414 752 360		26	4.5	30	30	20	5.5	No Data Available			A08	FP	
26AQ8	641 237 410		26	1.5	200		8.7	6	100	6		B9A	TT	
26B6	026 540 310		35	18	250	125	33	2.3	100	90	2.3	A08	P	
26BK6	412 389 600		26	2	250		1.2	1.6	150		1.6	B7G	DDT	
26BQ6	020 540 310	A1	25	22.5	250	150	55	5.8	100	100		A08	T	
26C6	412 398 600		26	9	250	150	9.5	1.9	100		1.9	B7G	DDT	
26C66	412 365 100		26		250	150	9	2	100	100		B7G	P	
26D6	412 365 100		26	0	100	100	2.7	7.2	100	100	6	B7G	H	
26E6	026 540 310		26	14	200	125	60	7.1	100	100	7	A08	P	
26G5	281 193 000		40				30		REC	15mA		UX6	RR	
26Z5V	801 229 013		13				30		REC	15mA		B9A	RR	
26Z6	801 239 010		26				60		REC	15mA		B9A	RR	
27	264 130 000		2.5	21	250		5.2	0.9	100	0.9		UX5	T	
27BL8	645 237 114		27	2	100		14	5	100	60	5	B9A	TP	
27S	264 130 000		2.5	21	200	175	10	6.2	100	100		UX5	T	
27SU	320 080 210		13				5.2	0.9	100		0.9	A08	R	
27SV	230 080 310		13				120		REC	70mA		A08	R	
28AK8	811 239 146		28	2	200		1.3	1.5	100		1.4	B9A	DDDT	
28AX8	811 239 146		28	1	100		0.8	1.4	100		1.4	B9A	DDDT	
28D7	245 671 430		28	3.5	30	30	12.5	3.4	No Data Available			B8B	FP	
28Z5	208 009 130		28				60		REC	20mA		B8B	RR	
29	264 413 000		2.5	3	200		4.5	1.4	100		1.4	UX6	T	
29C1	220 283 330		4						D			A08	D	
29GK6	141 230 651		28.6	7.4	250	250	48	11.3	No Data Available			B9A	P	
30	364 200 000		2	9	150		3	0.9	100		0.9	UX4	T	
30A5	142 345 600		30	6.7	100	100	43	9.2	100	100		B7G	P	
30AE3	*** 23* **8	C	30						D			B9A	D	
30C1	645 237 114		9	2	100		14	5	100	60	5.1	B9A	TP	
				2	200	200	10	6.6	100	150	6			

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
30C13	645 237 114		9	2	100		14	5	100	60		B9A	TP
30C15	157 236 414		9	2	200 175		10	6.2	100 100			B9A	TP
30C17	157 236 414		7.4		150		6	5	100 60			B9A	TP
30P5	141 230 651		7.5		200 150		6.4	8.5	100 100			B9A	TP
30P27	141 230 651		3.7	0.8	200 200		10	8.8	100 100			B9A	P
				1.2	200 150		13.5	15	No Data Available			B9A	P
30PL1	641 237 541		9.4	7.9	200		10	3.6	100	60		B9A	TP
30PL12	641 237 541		10	2.1	200 200		10	7.5	100 100			B9A	TP
30PL13	641 237 541		10	4.9	150		10	3.7	100 60	3.7		B9A	TP
30PL14	657 231 414		7.4	2.9	200 200		10	12.5	100 100			B9A	TH
					200 200		10	3.4	100 60	3.4		B9A	TH
					200 200		10	12.5	No Data Available			B9A	TP
					150 150		14	5.5	100 60			B9A	TP
					150 150		12	14.5	100 100			B9A	TP
30G9	026 543 100		30	19	200 200		45	3.5	100 100			A08	P
30L1	147 234 116		7.5	3.4	150		26	6.6	100		6	B9A	TT
30L15	147 234 116		7	1.2	90		15	9	80		8	B9A	TT
30L17	146 234 117		7.2	6	75		15	16.5	No Data Available			B9A	TT
30P4	020 540 310	A1	25	21	200 200		100	11	No Data Available			A08	P
30P12	*41 23* 6*5		12	10.3	200 200		31	6.7	100 100			B9A	P
30P14	026 540 310		13	9.4	200 200		42	7.2	100 100			A08	P
30P16	041 230 605		16	14.2	200 200		45	8.2	100 100	7		B9A	P
30P18	041 23* 6*5		16	6	200 200		34	10	No Data Available			B9A	P
30P19	*2* 540 310	A1	6.3	15	400 175		100	15	No Data Available			A08	P
30PL1	641 237 154		13	7.9	200		10	3.4	100	60		B9A	TP
30PL12	414 237 516		16	9.6	200 200		28	6	100 100			B9A	TP
30PL13	414 237 516		16		100		3.5	2.5	100 60			B9A	TP
30PL14	414 237 516		16	16	200 200		35	6.4	100 100			B9A	TP
30X	264 300 000		2	7.9	200		10	3.4	100 60			B9A	TP
				20	250 250		77	10	100 100			B9A	TP
				7.7	200		10	3.4	100 60			B9A	TP
				15	150 150		50	7.6	100 100			B9A	TP
31	364 200 000		2	12.5	175		3.1	9.3	100		9	UX4	T
31A3	280 000 130		31	22.5	150		8	0.9	100		0.9	UX4	T
31A7	*41 23* 6*5		31		60		60		REC		20mA	B8A	R
31EX7	461 471 230		31.5	17	250		42	7.2	REC		40mA	B9A	R
31Z	244 300 000	A1/A2	6	100	400		75	2.8	No Data Available			A08	TT
				15	400		75		No Data Available			UX4	TT
32	365 200 000	G1	2	3	150 75		1.7	0.6	100	75	0.6	UX4	P
32A8	414 237 516		32	1	100		1	1.9	100 60			B9A	TP
32E	365 200 000	G1	2	16	200 200		35	6.4	100 100	7		B9A	TP
32ET5	142 345 600		32	3	150 75		1.7	0.6	100 75	0.6		UX4	P
32L7	126 548 310		32.5	7.5	100 100		30	5.5	100 100			B7G	P
					60		60		REC		20mA	A08	RP
				5	90 90		38	6	80 75			B7G	P
33	364 520 000		2	14	150 150		14.5	1.4	100 100	1.4		UX5	P
33/100A	020 440 310		6	14	300		10	3	No Data Available			A08	TT
33A/101K	641 227 413	A1/A2	6.3	2	250		1.2	1.6	100			B9A	TT
33A/138A	204 140 300		7	7	250		15	3	100		3	UX7	TT
33A/158M	216 447 130	A1/A2	7	5	200		20	2.8	200		2.8	B8B	TT
33B/152M	421 342 134	A1/A2	6	1	300		40	18.5	No Data Available			B9G	TT
34	204 140 300	A1/A2	6.3	36	300		80	4.4	No Data Available			UX7	TT
34E	365 200 000	G1	2	3	150 75		2.8	0.6	100 75	0.6		UX4	P
34GD5	142 315 600	G1	2	3	150 75		2.8	0.6	100 75	0.6		UX4	P
			34	7.5	100 100		35	5.7	100 100			B7G	P
35	265 130 000	G1	2.5	3	250 90		6.5	1	100	75	1	UX5	P
35A3	002 380 100		35		60		60		REC		20mA	B7G	R
35A5	265 004 130		35	8	200 100		41	5.9	100 90	5.9		B8B	P
35B5	412 365 400		35	7.5	150 100		40	5.8	100 90	5.8		B7G	P
35C3	002 380 100		35		60		60		REC		20mA	B7G	R
35C5	142 345 600		35	7.5	150 100		40	5.8	100 90	5.8		B7G	P
35CD6	021 040 350	A1	35	30	200 175		75	7.7	100 100			A08	P
35D5	401 236 050		35	10.5	200 175		52	9.5	100 100			B9A	P
35D28	414 237 516		35		150		0.8	1.4	100 60			B9A	TP
35EH5	142 345 600		35	62	150 125		45	7.5	100 100			B9A	TP
					100 100		3.2	12	No Data Available			B7G	P
35P4	412 365 400		35	7.5	100 100		41	5.8	100 100	6		B7G	P
35P6	041 230 665		35	23	250 200		55	5	100 100			B9A	P
35P85	521 441 350	A1	35	22.5	200 150		100	10	No Data Available			B8A	P
35GD5A	142 345 600		34	7.5	100 100		45	7.5	100 100			B7G	P
35GL6	142 253 600		35	7.5	100 100		45	7.5	100 100			B7G	P

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V				
35HB8	416 235, 714		35	{	100		2.5	3.9	100	60	{	B9A	TF		
35L6	026 540 310		35		7.5	200	100	32	6.2	100		100	A08	P	
35L31	412 365 400		35		13	200	200	55	8	100		90	5.8	B7G	P
35QL6	451 236 154		35		11.5	200	200	52	9.5	100		100	8.3	B8A	P
35R1	002 382 100		35					60		REC			30mA	B7G	R
35R2	002 380 100		35				60		REC		30mA	B7G	R		
35RE	281 193 000		35				60		REC		20mA	UX6	RR		
35S	265 120 000	G1	2.5	3	250	90	6.5	10.8	100	90	1.8	UX5	P		
35V4	002 383 100		27.5				60		REC		70mA	B7G	R		
35X4	002 380 100		35				60		REC		20mA	B7G	R		
35Y4	280 200 130		27.5				60		REC		20mA	B8B	R		
35Y5	280 200 130		27.5				60		REC		20mA	B8B	R		
35Y31	002 380 100		35				120		REC		20mA	B7G	R		
35Z3	280 000 130		35				120		REC		60mA	B8B	R		
35Z3LT	280 000 130		35	*			120		REC		60mA	B8B	R		
35Z4	020 080 310		35				120		REC		60mA	A08	R		
35Z4GT	020 080 310		35				120		REC		60mA	A08	R		
35Z5	022 080 310		27.5				60		REC		60mA	A08	R		
35Z6	028 190 310		35				60		REC		20mA	A08	RR		
36	265 130 000	G1	6	3	250	90	3.2	1	100	90	1	UX5	P		
36AM3	002 283 100		36				60		REC		15mA	B7G	R		
37	264 130 000		6	18	250		7.5	1.1	100		1.1	UX5	T		
38	265 130 000	G1	6	18	200	200	14	1	100	100	1	UX5	P		
38A3	**1 23* **8		38				60		REC		20mA	B9A	R		
38R3	001 230 008		38				180		REC		40mA	B9A	R		
39	260 501 300		6.3	3	250	90	5.8	1	100	90		B7G	P		
39	265 130 000	G1	6	3	200	90	5.8	1	100	90	1	UX5	P		
40	364 200 000		5	1.5	200		0.2	0.2	150		0.2	UX4	T		
40FPA	045 231 600		40	25	150	150	36	2	100	100	4	B7	P		
40SUA	802 310 000		40				60		REC		60mA	B5	R		
40Z5	022 080 310		35				120		REC		30mA	A08	R		
41	265 413 000		6	18	250	250	32	2.3	100	100	2.3	UX6	P		
41E	265 413 000		6	18	250	250	32	2.3	100	100	2.3	UX6	P		
41FP	642 310 000		6	18	250		19	2.8	100		2.8	B5	T		
41H	026 540 310		6	18	250	250	32	2.3	100	150	2.3	A08	P		
41MDG	652 310 000	G1	4	0	150	100		0.2	150	100	0.2	B5	P		
41MH	642 310 000		4	1.5	200		3.2	3	100		4	B5	T		
41MHP	642 310 000		4	2	150		2.5	2.8	125		2.8	B5	T		
41MHL	642 310 000		4	3	200		4	3.1	100		4.5	B5	T		
41MLP	642 310 000		4	4.5	200		7.5	1.9	125		1.9	B5	T		
41MP	642 310 000		4	7.5	200		24	6.0	100		7.5	B5	T		
41MPG	454 231 600		4	1.5	250	100	3.3		100	100		B7	H		
41MPT	041 231 500	A1	4	1.5	250	100	12	4.8	100	100	4.8	B7	P		
41MRC	642 310 000		4	1	200		2.5	2.6	150		2.6	B5	T		
41MSG	465 230 574		4	1.5	150	60	0.8	2.5	100	60	2.5	B9	PP		
41MSG	542 310 000		4	1.5	150	60	0.8	2.5	100	60	2.5	B5	P		
41MTA	642 310 000		4	1	100		4.9	4	100		4	B9	T		
41MTB	642 310 000		4	1	100		3.6	2.6	100		2.6	B5	T		
41MTL	642 310 000		4	2.5	200		5.9	3	100		3	B5	T		
41MTS	454 231 700		4	1	250	100	5	1.6	100	100	1.6	B7	PP		
41HXP	642 310 000		4	12.5	200		40	6	100		7.5	B5	T		
41HVSX	542 310 000	A1	4	1.4	200	200	3	2	100	100	2	B5	P		
41STH	645 231 700	G1	4	{	1.5	100	2		100	60	1.6	B7	TH		
					1.5	200	1		100	60	2.5				
42	264 300 000		1.5	13.5	150		3.9	0.8	100			UX4	T		
42	265 413 000		6	16.5	250	250	34	2.5	100	150	2.5	UX6	P		
42E	265 413 000		6	16.5	250	250	34	2.5	100	150	2.5	UX6	P		
42MF/PEN	045 231 600		4	5.5	250	250	32	6	100	150	7	B7	P		
42MPT	041 231 500	A1	4(5)	3	200	200	34	8.5	100	150	8	B7	P		
42/OT	045 231 600		4	5.5	250	275	34	7	100	150	7	B7	P		
42OTDD	968 231 500	G1	4	5.5	250	250	34	7	100	150	7	B7	DDP		
42MTB	061 231 500	G1	4	3	200	200	34	8.5	100	150	8	B7	P		
42SPT	041 231 500	A1	4	10.5	250	250	64	11	100	150	10	B7	P		
43	265 413 000		25	18	150	125	33	2.3	100	100	2.3	UX6	P		
43E	265 413 000		25	18	150	125	33	2.3	100	100	2.3	UX6	P		
43MG	026 540 310		25	18	250	125	33	2.3	100	100	2.3	A08	P		
43TV	892 300 000		4				60		REC		20mA	B4	RR		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
44	265 130 000	G1	6	3	200	90	5.8	1	100	90	1	UX5	P	
44A/160M	241 657 143		6	14	250	250	30	3.9	100	100	3	B9G	FP	
44GV8	415 237 146		44	{ 1.7	250	250	1.2	1.6	100	60	1.4	B9A	TP	
44IU	892 300 000		4	7	250	250	36	10	100	100		B4	RR	
44SU	802 300 000		4				30		REC		50mA	B4	R	
									REC		15mA			
45	264 300 000		2.5	50	250		34	2.1	100		2.1	UX4	T	
45A	264 300 000		2.5	68	325		43	2.3	100		2.3	UX4	T	
45A5	26* *54 130		45	9	200	200	54	9.5	100	100	7	B8A	P	
45B5	041 23* 6*5		45	12.5	200	200	70	10	100	100		B9A	P	
45BQ5	041 23* 6*5		45	12.5	300	175	70	10	100	100		B9A	P	
45DQ8	461 237 145		45	{ 1.7	200		3	4	100	60	4	B9A	TP	
				{ 12.5	200	175	70	10	100	100				
45DX8	461 237 145		45	{ 1.7	200		3	4	100	60		B9A	TP	
				{ 2.1	200	175	18		100	100				
45IU	892 300 000		4				120		REC		30mA	B4	RR	
45LIU	206 540 130		45	13	200	200	45	7.5	100	100	7	A08	P	
45Z3	28* 108 300		45				60		REC		70mA	B7G	R	
45Z5	022 080 310		37.5				60		REC		20mA	A08	R	
46	264 630 000		2.5	33	250		22	2.3	100		2.3	UX5	T	
47	264 530 000		2.5	16.5	250	250	31	2.5	100	150	3.8	UX5	P	
48	265 413 000		30	10	100	100	52	3.8	100	90	3.8	UX6	P	
48A8	414 237 516		48	{ 11.5	150	150	41	3.5	2.5	100	60	2.5	B9A	TP
								7.5	100	100				
49	264 630 000		2	20	150		6	1.1	100		1.1	UX5	T	
49	265 413 000		6.3	50	400	250	95		No Data Available			UX6	P	
50	264 300 000		7.5	70	400		55	2.1	100		2.1	UX4	T	
50A5	265 004 130	G1	50	7.5	150	100	49	8	100	90	7	B8B	P	
50AX6	028 190 310		50				120		REC		30mA	A08	RR	
50B5	412 365 400		50	7.5	150	100	49	7.5	100	90	6	B7G	P	
50BC1D	206 089 030		1.4	0.5	90		1.4	0.8	80			A08	DDT	
50BK5	604 231 450		50	5	250	250	35	8.5	100	150		B9A	P	
50BM8	414 237 516		50	{ 10	100		3.5	2.5	100	60		B9A	TP	
				{ 10	150	150	41	7.5	100	100				
50C5	142 345 600		50	7.5	150	100	49	7.5	100	90	6	B7G	P	
50C6	026 540 310		50	13.5	150	150	58	7	100	100	7	A08	P	
50C1D	206 089 030	G1	1.4	1.5	100		1.5	0.9	100		0.9	A08	DDT	
50CA5	142 345 600		50	4.5	150	125	37	9.2	No Data Available			B7G	P	
50CD6	021 040 350	A1	50	30	200	200	75	7.5	100	100	7	A08	P	
50DC4	002 363 100		25				60		REC		20mA	B7G	R	
50EH5	142 345 600		50	3.2	100	125	42	14.6	No Data Available			B7G	P	
50F2	412 365 400		50	7.5	100	100	50	7.5	100	100		B7G	P	
50F2D	206 501 030	G1	1.4	1.5	100	125	1.4	1	100	100	1	A08	P	
				4.5	100	125	4.8	1	100	100				
50PA5	142 345 600		50	7.5	100	100	40	5.8	100	100		B7G	P	
50PE5	026 540 310		50	16	150	150	80	9.5	100	100		A08	P	
50PK5	142 345 600		50		100	100	32	12.8	No Data Available			B7G	P	
50PF8	414 237 516		50	{ 1.5	150		2.5	2	100	60		B9A	TP	
				{ 13.5	150	125	50		100	100				
50L1D	206 540 030		1.4	4.5	100	125	4.8	1	100	100	1	A08	P	
50L6	026 540 310		50	8.2	200	125	46	9.5	100	75	8	A08	P	
50R4	080 230 901		50				60		REC		40mA	B9A	RR	
50RP1	141 236 518		50	{ 1	200	100	9	4.5	100	100	4	B9A	RP	
							60		REC		20mA	B8D	RR	
50X6	219 008 130		50				60		REC		30mA	A08	R	
50YIU	388 208 120		45				120		REC					
50Y6	029 180 310		50				60		REC		20mA	A08	RR	
50Y7	028 193 310		46				60		REC		20mA	A08	RR	
50Z6	029 180 310		50				120		REC		30mA	A08	RR	
50Z7	029 183 310		48				60		REC		20mA	A08	RR	
51	265 130 000	G1	2.5	3	250	90	6.5	10.5	175	90	10	UX5	P	
52	264 530 000		6	1	250	100	41	2	125	100	2	UX5	P	
52KU	030 908 020		5				60		REC		30mA	A08	RR	
53	274 146 300		2.5	5	250		3	1.6	100		3.1	UX7	TT	
53KU	030 908 020		5				120		REC		40mA	A08	RR	
54KU	030 908 020		5				120		REC		60mA	A08	RR	
55	269 813 000	G1	2.5	20	250		8	1.1	100		1.1	UX6	DDT	
55A/165M	245 761 430		12	15	150	150	60	4	100	100		B8G	FP	
55N3	**1 23* **8		55				120		REC		30mA	B9A	R	
56	264 130 000		2.5	12.5	250		5	1.4	100		1.4	UX5	T	
56AS	264 130 000		6	13.5	250		5	1.4	100		1.4	UX5	T	
57	265 113 000	G1	2.5	3	250	100	2	1.2	100	100	1.2	UX6	P	
57AS	265 113 000	G1	6	3	250	100	2	0.2	100	100	1.2	UX6	P	
58	265 113 000	G1	2.5	3	250	100	8	1.5	100	100	1.5	UX6	P	
58AS	265 113 000	G1	6	3	250	100	8	1.5	100	100	1.5	UX6	P	
58TP1	417 237 564		58	{ 2	200		4	1.5	100	60	1.5	B9A	TP	
				{ 31	250	250	38	2.5	100	100				

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
59	265 411 300		2.5	18	250	250	35	2.5	100	150	2.5	UX7	P
59B	265 410 300		2.5	26	250	250	26	6	100	150	6	UX7	P
60	200 300 000	D1/D2	5				120		REC		30mA	UX4	RR
60/250	892 300 000		4				30		REC		15mA	B4	RR
60E3	002 380 100		60				60		REC		20mA	BTG	R
60FX5	142 345 600		60	62	100	100	36	13.5	No Data Available			BTG	P
61BT	020 540 310	A1	6	20	200	200	40	4	100	100	4	A08	P
61SPT	520 604 310		6	10.5	250	250	64	11	100	150	10	A08	P
62DDT	264 098 130		6	3	250		1	1.3	150		1.3	B8A	DDT
62TH	276 454 130		6	{ 2	100	100	5	2.2	100	60	2.6	B8A	TH
					150		8	2	100	100	3.5		
62VP	261 154 130		6	2.5	250	100	6	2.2	100	100	2	B8A	P
63SPT	256 101 403		6	2	250	250	10	6.5	100	150	6	B9G	P
63T1	641 237 154		6	{ 2.3	100		4	1.4	100	60	1.4	B9A	TP
				8	200	200	17.5	3.3	100	150	3		
63TP	641 237 154		6.3	{ 2.3	100		4	1.9	100	60	1.4	B9A	TP
				8	200	200	17	3.3	100	150	3		
64	260 101 300	G1	6.3	3	200	90	3.1	1	100	100		BTG	P
64	265 130 000	G1	6	3	200	90	3.1	1.05	100	90	1.05	UX5	P
64A	260 101 300	G1	6.3	3	200	90	3.1	1	100	100		BTG	P
65	265 130 000	G1	6	3	200	90	4.5	1	100	90	1	UX5	P
66RU	280 009 130		6				30		REC		15mA	B8A	RR
67	264 130 000		6	9	150		5	1.1	100		1.1	UX5	T
67PT	261 054 130		6	7	250	250	36	10	100	150	9	B8A	P
68	265 130 000	G1	6	13.5	150	90	14	1.4	100	75	1.4	UX5	P
68A	265 130 000	G1	6	13.5	150	125	14	1.4	100	100		UX5	P
69	264 413 000		6	3	200		4.5	1.4	150		1.5	UX6	T
70	264 413 000		6	6	200		2.3	0.5	150		0.5	UX6	T
70A7	126 548 310		70				60		REC		15mA		
				7.5	150	100	40	5.8	100	90	5.8	A08	RP
70L7	126 541 380		70	{ 7.5	125	100	40		REC		20mA		
					200		20	7.5	100	90	6.5	A08	RP
71	264 300 000		5	40	200		20	1.7	100		1.7	UX4	T
71A	264 300 000		5	16.5	90		10	1.4	80		1.4	UX4	T
71B	264 300 000		5	40	200		20	1.7	100		1.7	UX4	T
75	020 000 300	A1/G1	6	60	400		82		No Data Available			A08	T
75	269 813 000	G1	6	2	250		0.9	1.1	150		1.1	UX6	DDT
76	264 130 000		6	13.5	250		5	1.4	100		1.4	UX5	T
77	265 113 000	G1	6	3	250	100	2.3	1.25	100	100	1.2	UX6	P
77E	265 113 000	G1	6	3	250	100	2.3	1.25	100	100	1.2	UX6	P
78	265 113 000	G1	6	3	250	125	10.5	1.65	100	100	1.6	UX6	P
78E	265 113 000	G1	6	3	200	75	4	1.1	100	75	1.1	UX6	P
79	264 173 000		6.3		250		10.6		100			UX6	TT
80	298 300 000		5				60		REC		20mA	UX4	RR
80A	298 300 000		5				60		REC		20mA	UX4	RR
80BK	380 200 000		5				60		REC		15mA	UX4	R
80M	289 300 000		5				60		REC		20mA	UX4	RR
80S	289 300 000		5				60		REC		20mA	UX4	RR
81	280 300 000		7.5				60		REC		20mA	UX4	R
81M	280 300 000		7.5				60		REC		20mA	UX4	R
82	289 300 000		2.5				60		REC		20mA	UX4	RR
82V	289 300 000		2.5				60		REC		20mA	UX4	RR
83	289 300 000		5				120		REC		20mA	UX4	RR
83V	289 300 000		5				60		REC		60mA	UX4	RR
84	289 130 000		6				30		REC		30mA	UX5	RR
85	269 813 000	G1	6	20	250		8	1.1	100		1.1	UX6	DDT
85AS	268 913 000	G1	6	20	250		8	1.1	100		1.1	UX6	DDT
85S	268 913 000	G1	6	10.5	250		3.7	0.7	125		1.1	UX6	DDT
88	289 300 000		5				60		REC		20mA	UX4	RR
89	265 113 000	G1	6	10	100	100	9.5	1.2	100	90	1.2	UX6	P
90	264 413 000		2.5		150		3.5	1.4	150		1.4	UX6	T
90AC	642 310 000		4	12.5	200		40	7.5	100		7	B5	T
92	264 413 000		6		250		3.5	1.4	100		1.4	UX6	T
95	265 413 000		2.5	20	350	300	42	2.3	100	150	2.3	UX6	P
96	281 300 000		10				120		REC		30mA	UX4	R
98	289 130 000		6				30		REC		15mA	UX5	RR
99V	426 300 000		3.3	4.4	90		2.5	0.4	100		0.4	UX4	T

VALVE	SELECTOR SWITCH No.	T.C.	Vt	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
99X	264 300 000		3.3	4.5	90		2.5	0.4	100		0.4	UX4	T
100AC	642 310 000		4	6	200		5	2	100		0.5	B5	T
104V	642 310 000		4	1	100		15	3.5	100		3.5	B5	T
100/200LLTD	346 547 220		1.4	9.4	150	125	4		100	100		A08	P
112A	364 200 000		5	4.5	90		5	1.5	80		1.5	UX4	T
114	020 000 300	A1G1	1.4		200		15		100			A08	T
114B	020 000 300	A1G1	1.4	4	200		12	1.1	100		1.1	A08	T
116/Pen	005 231 600	G1	11.5	1	100	100	7		100		6	B7	P
117DDP	541 236 891		17	2	250	150	5	2.2	100	100	20mA	B9A	DDP
117L7	126 458 310		117		60		60		REC			A08	RP
				5.2	100	100	43	5.3	100	90	5.3		
117M7	126 458 310		117		60		43		REC		20mA	A08	RP
				5.2	100	100	43	5.3	100	90	5.3		
117Z3	*02 381 000		117		60		43		REC		20mA	B7G	R
117Z4	020 080 310		117		60		60		REC		20mA	A08	R
117Z6	029 180 310		117		60		60		REC		20mA	A08	RR
120	642 310 000		2	12	150		12		100			B5	T
120VPA	041 230 500	A1	2	1	150	60	2.9	1.1	150	60	1.1	B7	P
121VF	26* *54 130		12.5		200	150	7.2	2.3	100	150	2.3	B8A	P
124AC	542 310 000	A1	4	1.4	200	60	1.6	0.9	100	60	0.9	B5	P
141DDT	264 089 130		14	1.5	200		1.5	1.6	100		1.5	B8A	DDT
				2	100		5	2	100	60	2.8		
141TH	276 454 130		14		250	100	8	2.2	100	75	1.5	B8A	TH
				2									
142BT	026 540 130		14	8.5	200	200	29	3.7	100	100	3.7	A08	P
144V	642 310 000		4	8	200		6	1.4	100		1.4	B5	T
154V	642 310 000		4	6	200		9	2	100		2	B5	T
163Pen	041 23* 6*5		16	10.4	200	175	53	9.5	No Data Available			B9A	P
164V	642 310 000		4	9	200		12	3.4	100		3.4	B5	T
171DDP	541 236 891		17	2	200	125	5	2.2	100	100	2	B9A	DDP
181	264 300 000		3	30	200		16	1	100		1	UX4	T
182	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
182A	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
182B	264 300 000		5	35	250		18	1.5	100		1.5	UX4	T
183	264 300 000		5	60	250		30	1.7	100		1.7	UX4	T
185BT	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	A08	P
185BTA	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	A08	P
200A	264 300 000		5	60	200		3	0.7	No Data Available			UX4	T
202DDT	809 231 600	G1	20	3	200		3	2.4	150		2.4	B7	DDT
202MFG	545 231 600	G1	20	1.5	200	100	3		100	100		B7	H
202SPB	061 231 500	G1	20	1.5	250	100	4.8	2.8	100	100	2.8	B7	P
202STH	645 231 700	G1	20	1.5	100		2		100	60		B7	TH
				1.5	200	60	1		100	60			
202VP	041 211 500	A1	20	1.5	250	100	4.3	2.2	100	100	2.2	B7	P
202VPB	061 231 500	G1	20	1.5	250	100	4.3	2.2	100	100	2.2	B7	P
203THA	545 231 600	G1	20	2	250	100	3.5		100	100		B7	H
205D	264 300 000		3.5	29	400		30		100		1.8	UX4	T
205E	264 300 000		4.5	22.5	350		29	1.9	100			UX4	T
205F	264 300 000		4.5	18	300		31	1.7	100			UX4	T
210DDT	682 390 000	G1	2	1	100		2.3	1.1	100		1.1	B5	DDT
210DET	642 300 000		2	4.5	150		3	1.1	100		1.1	B4	T
210DPT	041 230 500	A1	2	1	150	60	2.9	1.3	150	60	1.3	B7	P
210HP	642 300 000		2	3	150		1.6	1.5	100		1.5	B4	T
210HL	642 300 000		2	3	150		1.6	1.1	100		1.1	B4	T
210HPT	642 350 000		2	4.5	150	175	7.5	2.5	100	100	2.5	B5	P
210LP	642 300 000		2	4.5	150		4.8	1.4	100		1.4	B4	T
210PG	645 230 700	G1	2		150		1.1		150	60	0.4	B7	H
					150	40	0.4		150	75	1.5		
210PGA	645 230 700	G1	2		150		1.1		150	60	1.4	B7	H
				0	150	40	0.4		150	75	1.5		
210RC	642 300 000		2	1.5	150		0.8	0.8	150		0.8	B4	T
210SPG	645 230 700	G1	2		150		1.1		150		0.5	B7	H
					150	40	0.5		150	75	1.5		
210SPT	041 230 500	A1	2	1	150	60	1.9	1.1	100	60	1.2	B7	P
210T	264 300 000		7.5	32	350		16	1.5	100		1.5	UX4	T
210VPA	041 230 500	A1	2	1	150	60	2.9	1.1	150	60	1.1	B7	P
210VPT	041 231 500	A1	2	1	150	60	1.9	1.1	150	60	1.1	B7	P
213	289 300 000		5		30				REC		15mA	UX4	RR
213Pen	*41 23* *51	A1	21	22	200	200	45	6.2	100	100	6	B9A	P
215P	642 300 000		2	7.5	150		10	2.2	100		2.2	B4	T
215SG	542 300 000	A1	2	1	150	60	1.4	1.1	150	60	1.1	B4	P
217A	228 300 000		10		120				REC		30mA	UX4	R
220	200 300 000		2.5		15				REC		15mA	UX4	R
220B	446 230 700		2	3	150		5.0	1.5	100		1.5	B7	TT
220DD	892 310 000		2						D			B5	DD
220HPT	642 350 000		2	4.5	150	150	8	2.5	100	100	2.5	B5	P
220IPT	040 230 500	A1	2	1.5	150	60	2.2	1	100	60	1	B7	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
2200T	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
220P	642 300 000		2	7.5	150		11	2.2	100		2.2	B4	T
220PA	642 300 000		2	4.5	150		10		100		4	B4	T
220PT	642 350 000		2	9	150	150	19	2.5	100	100	2.5	B5	P
220SG	542 300 000	A1	2	1	150	60	1.5	1.6	100	60	1.6	B4	P
220TH	645 230 700	G1	2	3	100		1.7	1.2	100	60	1.2	B7	TH
220VS	542 300 000	A1	2	1	100	60	2	1.6	100	60	1.6	B4	P
220VSG	542 300 000	A1	2	1.5	150	60	2.6	1.5	100	60	1.6	B4	P
225DU	082 323 900		2				15		REC		10mA	B7	RR
230	642 300 000		2	20	150		18	3	100		3	B4	T
230	200 300 000	D1	5				30		REC		14mA	UX4	R
230PT	642 350 000		2	15	150	150	14	2	100	100	2	B5	P
230XP	642 300 000		2	18	150		22	3	100		2	B4	T
231D	264 300 000		3	3	90		2.1	8.4	100		0.5	UX4	T
240B	446 230 700		2	1	150		8.5		100			B7	TT
240QP	446 235 700		2	12	150	150	6		100	100	2.5	B7	PP
244	264 130 000		2	6	150		5.5	1	100		1	UX5	T
244V	642 310 000		4	5.5	200		5.5	2.8	100		2.8	B5	T
245A	265 130 000	G1	2	1.5	150	50	4.8	0.6	100	60		UX5	P
246A	365 200 000	G1	3.3	1.5	150	40	1.5	0.4	No Data Available			UX4	P
247A	206 040 030		2	4.5	150		3.2	0.9	100		0.9	A08	T
248A	026 510 310	G1	6.3		150	125	5.5	1.8	100	100		A08	P
249B	223 300 000	D1	2.5				120		REC		30mA	UX4	R
252A	264 300 000		5	50	400		60	3.4	100		3.4	UX4	T
255	268 943 000		2	3	150		0.8	0.6	100		0.5	UX6	DDT
257	264 530 000		5	21.5	100	100	20	1.3	100		1.3	UX5	P
257A	260 300 000	G1	3.1	3	90		2.1	0.5	80	90	0.5	UX4	T
259A	265 130 000	G1	2	1.5	200	75	5.5	1.4	100		1.4	UX5	P
259B	265 130 000	G1	2	1.2	200	75	5.5	1.4	100	75	1.4	UX5	P
262B	261 300 000	G1	10	4.5	150		2.8	0.9	100		0.9	UX4	T
264	264 300 000		1.1	9	150		2.5	0.6	100		0.6	UX4	T
264C	264 300 000		1.5	8	100		2.1	0.6	100		0.6	UX4	T
264E	264 300 000		1.4	8	100		2.1	0.6	100		0.6	UX4	T
271A	264 130 000		5	30	400		37.5	2.9	100			UX5	T
272A	264 130 000		10	15	150		5.4	0.7	100		0.7	UX5	T
274A	289 300 000		5				60		REC		20mA	UX4	RR
274B	289 300 000		5				60		REC		20mA	UX4	RR
275A	264 300 000		5	4.5	200		47	2.7	100		2.7	UX4	T
281A	264 530 000		5	60	150	75	35	1.5	No Data Available			UX5	P
283A	265 130 000	G1	2	1.5	200	75	5.9	1.3	100	75	1.3	UX5	P
285	265 130 000	G1	2	12	200	150	8.8	0.9	100	100	0.9	UX5	P
286A	265 113 000	G1	2	1.5	200	75	6.2	1.2	100	75	1.2	UX6	P
290A	265 113 000	G1	10	1.5	200	75	5.4	1.2	150		1.2	UX6	P
291A	275 641 300	G1	10	3	200		4.5		100	60		B7	H
292A	268 913 000	G1	10	7.5	200	75	3.1		100	75		UX6	DDT
293A	265 413 000		10	18	200	200	14.5	1	100	100	1	UX6	P
300A	364 200 000		5	97	400		80		No Data Available			UX4	T
300B	364 200 000		5	97	400		80		No Data Available			UX4	T
302	645 231 700	G1	30	2	100		1.5		100	60		B7	TH
303A	268 943 000		2	6	150	100	2	0.6	250	100		UX6	DDT
304AC	542 310 000	A1	4	2	200	100	3	1.9	100	100	1.9	B5	P
309A	265 413 000		10	1.5	200	75	4.8	1.1	100	60	1.1	UX6	P
310A	265 113 000	G1	10	3	150	150	5.5	1.8	100	100	1.8	UX6	P
310B	265 113 000	G1	10	3	150	150	5.5	1.8	100	100	1.8	UX6	P
311A	265 130 000	G1	10	15	150	150	30	2.8	100	100	2.8	UX5	P
311SU	28* *** 130		31				60		REC		20mA	B8A	R
324A	200 300 000	D1	5				5		D			UX4	R
328A	265 113 000	G1	7.5	3	150	150	5.5	1.8	100	100	1.8	UX6	P
329A	265 130 000	G1	7.5	15	150	150	37.5	3.3	100	100	3	UX5	P
329L	265 130 000	G1	7.5	15	150	150	37	3.3	100	100	3	UX5	P
332Pen	026 540 310		33	8.5	200	200	45	8	100	100	7	A08	P
336A	265 413 000		10	14	250	250	30	4.2	100	100		UX6	P
337A	265 113 000	G1	10	3	150	150	6.3	1.6	100	100	1.6	UX6	P
345A	289 130 000		6				60		REC		20mA	UX5	RR
347A	020 600 310	G1	6	4.5	150		2.8	0.9	100		0.9	A08	T
349A	026 540 310		6	14	250	250	30	4.2	100	150	4.2	A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
350B	026 540 310		6	20	400	250	85	6.2	No Data Available			A08	P
351A	028 090 310		1				120		REC		20mA	A08	RR
352A	268 913 000	G1	10	6	100		2.1	0.6	100		0.6	UX6	DDT
354V	642 310 000		4	4.5	250		6.5	3.6	100		3	B5	T
361A	243 560 000		1.4		50	40	0.4	0.6	No Data Available			UX5	P
362A	243 560 000		1.4		50	50	1.3	0.5	No Data Available			UX5	P
367A	060 524 310		6	20	400	250	85	6.2	No Data Available			A08	P
373A	021 455 360		2		150	150	2	1.3	100		1.3	A08	P
374A	021 405 360		3		150	125	18	3	125		3	A08	P
375A	026 540 310		20		40	40	12	4.7	No Data Available			A08	P
381A	120 080 300		6.3				5		D			A08	D
383A	120 406 030		6		150		7.5	2.8	100		2.8	A08	T
385A	125 040 130		6		150		7.5	2.5	100		2.5	A08	P
387A	125 040 130		6		150		5.6	4	100		3.8	A08	P
396A	214 607 413		6.3	2.2	150		8.2	5.5	100		6	B9A	TT
401A	265 300 000		5	9	50		1.5	0.8	No Data Available			UX4	T
402	264 300 000		3	40	200		40	1	100		1	UX4	T
402-OT	005 231 600	G1	40	12	250	250	32	7	100	150	7	B7	P
402P	000 231 600	G1	4	15	200		27	5.5	100		7.5	B7	T
402Pen	005 231 600	G1	40	6.7	200	200	40	7	100	100	7	B7	P
402PenA	005 231 600	G1	40	9	150	150	56	8	100	100	8	B7	P
403A	413 265 100		6	2.3	150	150	7	4.4	100	100	4	B7G	P
403B	412 365 100		6.3		200	125	7.7	5.1	100	100		B7G	P
404A	402 106 053		6.3		150	150	13.5	12.5	100	100		B9A	P
405BU	892 300 000		4				15		REC		10mA	B4	RR
406	642 300 000		4		150		5.5	0.5	100		0.5	B4	T
407A	214 637 412		20	2	150		8.2	5.5	100		5.5	B9A	TT
408A	412 365 100		20	2	150	125	7.5	5	100	125	5	B7G	P
408BU	892 300 000		4				15		REC		10mA	B4	RR
409A	410 065 100		6.3		150	125	5.2	3.2	100	100		B7G	P
410HP	642 300 000		4	2.5	200		0.2	0.2	100		0.2	B4	T
410P	642 300 000		4	16	250		12	1.8	100		1.8	B4	T
410PT	462 350 000		4	1	100	150		2.5	100	150	2.5	B5	P
410RC	642 300 000		4	2.5	200		0.2	0.2	100		0.2	B4	T
410SG	542 300 000	A1	4	1	200	100	4.5	0.9	100	100	0.9	B4	P
412BU	892 300 000		4				30		REC		17mA	B4	RR
412SU	802 300 000		4				60		REC		22mA	B4	R
415PT	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
415QT	642 350 000		4	25	300	200	20	1.8	100	150	1.8	B5	P
415SP	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
417A	602 441 443		6.3	1.5	150		25	25	No Data Available			B9A	T
420T	045 231 600		4	4.4	250	250	40	10.5	100	150	9	B7	P
425PT	642 350 000		4	17	250	150	12	1.3	100	100	1.3	B5	P
431U	892 300 000		4				60		REC		15mA	B4	RR
435A	402 106 053		6	10	200	150	13	16.3	No Data Available			B9A	P
436A	211 403 506		6.3	1.4	200	150	23	32	No Data Available			B9A	P
437A	304 002 116		6	10	150		40		No Data Available			B9A	T
441U	892 300 000		4				60		REC		20mA	B4	RR
442BU	892 300 000		4				60		REC		20mA	B4	RR
446A/B	021 000 310	A1/G1	6	3	250		15	4.5	100			A08	T
450	642 300 000		4	55	250		50	3.5	100		3.5	B4	T
450	264 300 000		7.5		400		55	2.1	100		2.0	UX4	T
450AC	542 310 000	A1	4		200	100	3.5	3	100	100	3	B5	P
451	892 300 000		1.8						REC			B4	RR
451PT	26* #54 130		45	9	200	200	54.5	9.5	100	100	7	B8A	P
451U	823 900 000		4				120		REC		30mA	B4	RR
460BU	892 300 000		4				60		REC		20mA	B4	RR
482A	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
482B	264 300 000		5	35	250		18	1.5	100		1.5	UX4	T
483	264 300 000		5	60	250		30	1.7	100		1.7	UX4	T
484V	642 310 000		4	2.5	200		0.2	1.2	100		1.2	B5	T
485	264 130 000		3	9	200		5.8	1.4	100		1.4	UX5	T
486	026 040 300		3	3	90		3	0.6	80		0.6	A08	T
500	892 300 000		4				30		REC		15mA	B4	RR
501	653 420 000		1.4	0	40	40	1	0.8	No Data Available			B5A	P
501AX	653 420 000		1.4	0	40	40	1	0.8	No Data Available			B5A	P
502AX	653 420 000		1.2	1.2	40	40	8.6	0.5	No Data Available			B5A	P
503AX	653 420 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	P
505AX	653 420 000		0.6	0	40	30	0.1	0.1	No Data Available			B5A	P
506	892 300 000		4				30		REC		15mA	B4	RR
506AX	653 420 000		1.2	4.5	40	40	1.2	0.5	No Data Available			B5A	P
506BU	892 300 000		4				30		REC		15mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
506K	892 300 000		2				30		REC	15mA	B4	RR	
506KB	892 300 000		4				30		REC	15mA	B4	RR	
507AX	265 436 200		2		40	40	0.9	0.5	No Data Available		B7G	P	
509	892 300 000		2				60		REC	20mA	B4	RR	
509AX	634 200 000		0.6		40		0.1	0.1	No Data Available		B5A	T	
511D	892 300 000		4				60		REC	20mA	B4	RR	
512AX	653 420 000		0.6	0.6	20	20	0.1	0.1	No Data Available		B5A	P	
515BX	634 200 000		0.6		40		0.1	0.1	No Data Available		B5A	T	
518AX	653 420 000		1.2	2	40	40	0.8	0.5	No Data Available		B5A	P	
520AX	653 420 000		0.6	2.5	40	40	0.2	0.1	No Data Available		B5A	P	
521AX	653 420 000		1.2	3	20	20	0.8	0.4	No Data Available		B5A	P	
522AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
523AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available		B5A	P	
524AX	653 420 000		1.2	1.7	12	12	0.4	0.3	No Data Available		B5A	P	
525AX	653 420 000		1.2	1.2	20	20	0.2	0.3	No Data Available		B5A	P	
526AX	653 420 000		1.2	1.5	20	20	0.4	0.4	No Data Available		B5A	P	
527AX	653 420 000		1.2	0	20	20	0.1	0.2	No Data Available		B5A	P	
528AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
529AX	653 420 000		1.2	1.2	12	12	0.3	0.3	No Data Available		B5A	P	
531DX	653 420 000		1.2	1.5	12	12	0.3	0.3	No Data Available		B5A	P	
532DX	653 420 000		1.2	0	20	20	0.4	0.4	No Data Available		B5A	P	
533DX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
536AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
537AX	653 420 000		1.2	1.5	20	20	0.4	0.4	No Data Available		B5A	P	
538A	741 226 413		6	2	250		10	5.5	200	5	B9A	TT	
539DX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available		B5A	P	
541DX	653 420 000		1.2	0	30	30	0.2	0.4	No Data Available		B5A	P	
542A	602 304 100		6	2	250		10	5.5	200	5.5	B7G	T	
542DX	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available		B5A	P	
542 LXS	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available		B5A	P	
543A	402 013 060		6	2.5	200		9.5	3.8	100	3	B8D	T	
543B	402 013 060		6	2.5	200		9.5	3.8	100	3	B8D	T	
544A	602 364 100		6	8.5	250		10.5	2.2	100	3	B7G	T	
544DX	653 420 000		1.2	0	30	30	0.1	0.3	No Data Available		B5A	P	
546A	802 309 100		6				30		REC	15mA	B7G	RR	
546DX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available		B5A	P	
547A	120 415 360		6	3	300	150	30	11	100	100	10	A08	P
547DX	653 420 000		1.2	0	40	30	0.2	0.4	No Data Available		B5A	P	
548A	762 344 100		6	0.8	100		8.5	5.3	100	5.3	B7G	TT	
548DX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available		B5A	P	
549A	192 310 800		6						D			B7G	DD
550A	471 461 230		6	2	250		2.3	1.6	150	1.6	A08	TT	
553AXA	652 430 000		1.2	0	20	20	0.4	0.5	No Data Available		B5A	P	
559	021 010 030	D1					5		D			A08	R
569AX	652 430 000		1.2		60	60	1.8	1.1	No Data Available		B5A	P	
573AX	624 300 000		1.2	4	90		11	2	80	2	B5A	T	
574AX	653 420 000		0.6	0.6	20	20	0.1	0.1	No Data Available		B5A	P	
578	8*1 239 146		4.7	3	250		1	1.2	100	1.3	B9A	DDDT	
605	642 300 000		4	6	150		10	1.4	100	1.4	B4	T	
608CX	623 410 000		6.3	2	150		9	5	100	5	B5A	T	
612BU	892 300 000		6				30		REC	15mA	B4	RR	
615	642 300 000		4	41	150		4	1.4	100	1.4	B4	T	
619CX	623 410 000		6.3	2	250		4		100		B5A	T	
620T	642 300 000		6	99	400		62	2.3	100	2.3	B4	T	
635GTX	026 040 310		6	20	350		20		100		A08	T	
660	642 300 000		6	100	400		120	2.3	100	2.3	B4	T	
660T	642 300 000		6	1	100			7.4	100	7.5	B4	T	
680XP	642 300 000		6	100	400		3.5	1.1	100	1.1	B4	T	
713A	021 415 350		6	2	150	125	7.5	4	100	100	4	A08	P
717A	021 415 360		6	2	150	125	7.5	4	100	100	4	A08	P
731A	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
801	364 200 000		7.5	15	400		60	2.5	100		UX4	T	
802	205 411 300	A1	6	18	400	250	30	2.2	100	150	2	UX7	P
805	642 300 000		6	6	150		10	1.4	100		1.4	B4	T
807	254 130 000	A1	6	12.5	400	250	83	6.5	100	150	6	UX5	P
816	200 300 000	D1	2.5				120		REC	30mA	UX4	R	
825	642 300 000		6		150		6	1.4	150	1.4	B4	T	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
825BU	892 300 000		7.5				60		REC		20mA	B4	RR
829B	245 134 200		6.3		300	250	25	1.9	No Data Available			B7A	PP
832	245 134 200	A1 A2	6.3		150	125	30	3.5	100	150	3.5	B7A	PP
832A	245 134 200	A1/A2	6.3		150	125	30	3.5	100	150	3	B7A	PP
836	2** 00* 300	D1	2.5				120		REC		30mA	B7G	R
837	205 411 300		12.6	40	400	150	45		No Data Available			UX7	P
840	254 130 000	A1	2	3	200	75	1	0.4	100	60	0.4	UX5	P
841	264 300 000		7.5	1	100			0.7	100		0.7	UX4	T
842	264 130 000		7.5	100	400		25	1.2	100		1.2	UX5	T
843	264 130 000		2.5	25	350		25	1.7	100		1.7	UX5	T
864	364 200 000		1.1	4.5	90		2.9	0.6	80		0.6	UX4	T
871	200 300 000	D1	2.5				120		REC		30mA	UX4	R
879	200 300 000	D1	2.5				5		D			UX4	R
884	026 040 310		6		300		55	4d0	No Data Available			A08	THI
885	264 130 000		2.5		300		55	4d0	No Data Available			UX5	THI
904V	642 310 000		4	2	200		2	2	150		2	B5	T
950	041 230 300	A1	2	16.5	200	150	7	0.9	100	100	0.9	B7	P
951	265 300 000	G1	2	3	200	60	1.7	0.6	100	60		UX4	P
952P	288 310 000		6.3						D			5AA	D
954	213 154 000	A1	6.3	3	250	100	2	1.4	100	100		7AA	P
955	264 310 000		6.3	7	250		6.3	2.2	100			5AA	T
956	213 154 000	A1	6	3	250	100	6.7	1.8	100	100		7AA	P
957	322 460 000		1.2	5	150		2	0.6	100			5AA	T
958A	322 460 000		1.2	20	150				No Data Available			5AA	T
959	322 154 000	A1	1.2	3	150	60	1.7	0.6	100	60		7AA	P
985	289 130 000		5				30		REC		15mA	UX5	RR
986	289 300 000		5				60		REC		20mA	UX4	RR
994V	642 310 000		4	0.5	100			3.6	100		3.6	B5	T
1002	802 300 000		1.8				60		REC		25mA	B4	R
1005	008 092 030		6.3				30		REC		15mA	A08	RR
1006	289 300 000		1.7				120		REC		30mA	UX4	RR
1007	008 090 230		1.0				60		REC		20mA	A08	RR
1012	289 300 000		1.7				120		REC		30mA	UX4	RR
1028	202 322 200	D1	6				60		REC		23mA	B7G	R
1103	809 231 600	G1	13	2	250		1.5	1.5	100		1.2	B7	DDT
1130	892 300 000		1.8						D			B4	DD
1201	426 141 630		6	3	200		5.5	3	150		3	B8B	T
1201	892 300 000		2.5				30		D			B4	DD
1203	200 800 130		6						D			B8B	D
1203A	200 800 130		6						D			B8B	D
1204	526 141 310		6	2	250	100	1.7	1.2	100	100	1.2	B8B	P
1206	265 441 730		6	2.5	250	100	4.5	2.1	100	100	2.1	B8B	PP
1221	165 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
1222	265 403 100		6.3	18	350	250	54	5.2	100	150	5.2	A08	P
1223	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P
1229	265 300 000	G1	2	3	150	75	1.7	0.6	100	75	0.6	UX4	P
1230	264 300 000		2	9	150		3		100			UX4	T
1231	265 104 130		6	30	300	200	13	6.3	100	100	6.3	B8B	P
1232	265 114 130		6	2	250	100	6	4.5	100	100	4.5	B8B	P
1216A	313 882 220		2						D			A08	D
1238	245 671 430		28	3.5	40	30	12.5	3.4	No Data Available			B8B	PP
1247	000 230 000	D1	0.6						D			B8A	D
1273	265 104 130		6	3	250	100	2.2	1.5	100	100	1.5	B8B	P
1274	028 090 310		6				30		REC		15mA	A08	RR
1275	289 300 000		5				120		REC		30mA	UX4	RR
1276	264 300 000		4.3	45	250		60	5.2	100			UX4	T
1280	265 104 130		12.5	3	250	100	2.2	1.5	100	100	1.5	B8B	P
1282	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B	P
1284	265 104 130		12.5	3	250	100	9	2	100	100	2	B8B	P
1288	364 240 730		1.4		90		5.2	1.8	80		1.8	A08	TT
1291	274 304 620		1.4		90		5.2	1.8	80		1.8	A08	TT
1292	364 204 730		1.4		90		5.2	1.8	80		1.8	A08	TT
1291	260 064 030		1.4		90		4.7	1.3	80		1.3	B8B	T
1294	200 800 130		1.4						D			A08	D
1299	365 004 230		1.4	4.5	150	90	10.2	2.4	100	90	2.4	B8B	P
1560	289 300 000		5				60		REC		20mA	UX4	RR
1560	892 300 000		5				60		REC		20mA	B4	RR
1561	892 300 000		4				60		REC		20mA	B4	RR
1562	280 300 000		7.5				120		REC		30mA	UX4	R
1602	264 300 000		7.5	23.5	250		10	1.3	100		1.3	UX4	T
1603	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
1608	264 300 000		2.5	90	400		95		No Data Available			UX4	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
1609	364 520 000		1.1	1.5	150	75	2.5	0.7	100	75	0.7	UX5	P
1610	264 530 000		2.5	16.5	250	250	31	2.5	100	150	3.8	UX5	P
1611	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
1612	026 540 310	G1	6	3	250	100	5.3	1.1	100	100	1.1	A08	H
1613	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	A08	P
1614	026 540 310		6	18	350	250	54	5.2	100	150	5.2	A08	P
1616	200 300 000	D1	2.5				120		REC		30mA	UX4	R
1619	026 540 310		2.5	10	300	250	45	4.5	100	150	4.5	A08	P
1620	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	A08	P
1621	026 540 310		6	16.5	250	250	34	3.5	100	150	2.5	A08	P
1622	026 540 310		6	18	350	250	54	5.2	100	100	5.2	A08	P
1624	205 401 300	A1	2.5	10	300	250	45	4.5	100	150		UX7	P
1625	205 401 300	A1	12	12.5	400	250	83	6.5	100	150	6	UX7	P
1626	026 040 310		12.5	32	250	20	2.1	100			2.1	A08	T
1631	026 540 310		12.5	18	350	250	54	5.2	100	150	5.2	A08	P
1632	026 540 310		12.5	8	200	100	50	9.5	100	90	9	A08	P
1633	471 461 230		25	8	250		11.5	2.6	100		2.6	A08	TT
1634	074 461 230		12.5	2	250		2	1.3	150		1.3	A08	TT
1635	027 446 310		6	0	300		3.5	0.9	100		0.9	A08	TT
1637	026 500 310	G1	6	18	250	250	32	3.8	100	150	3.8	A08	P
1638	029 180 310		6						D			A08	DD
1639	026 890 310	G1	6	5.5	250		5	2	100		2	A08	DDT
1641	200 300 000	D1/D2	5				120		REC		39mA	UX4	RR
1641/RK60	200 300 000	D1/D2	5				15		REC		12mA	UX4	RR
1642	216 471 300	G1	6	16.5	250		8.3	1.4	100			UX7	TT
1644	414 752 360		12.5	9	200	200	13	2.1	100	100	2.1	A08	PP
1649	021 415 360		6	2	300	150	10	9	100	100	8	A08	P
1654	2** 00* 300	D1	1.4						D			B7G	D
1655	074 461 230		6	2	250		2	1.3	200		1.3	A08	TT
1659	268 913 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
1662	364 526 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	B7G	P
1664	026 985 310	G1	2.5	3	250	125	10	1.3	100	100	1.3	A08	DDP
1701	892 300 000		1.8				120		REC		30mA	B4	RR
1801	892 300 000		4				15		REC		10mA	B4	RR
1805	892 300 000		4				30		REC		15mA	B4	RR
1807	892 300 000		4				30		REC		15mA	B4	RR
1810	003 200 000	D1	4				30		REC		15mA	B4	R
1815	892 300 000		4				60		REC		20mA	B4	RR
1817	892 300 000		4				120		REC		30mA	B4	RR
1821	892 300 000		4				30		REC		15mA	B4	RR
1823	892 300 000		4				30		REC		15mA	B4	RR
1831	892 300 000		4				30		REC		12mA	B4	RR
1832	082 300 000		4				120		REC		30mA	B4	R
1851	026 510 310	G1	6	2	300	150	10	9	100	100	8	A08	P
1851GT	026 510 310	G1	6		300	150	10	9	100	100		A08	P
1852	021 415 360		6	2	300	150	10	9	100	100	8	A08	P
1853	021 415 360		6	3	300	200	12.5	5	100	150	5	A08	P
1853GT	204 153 600		6.3	3	300	200	12.5	5	100	100		A08	P
1861	892 300 000		4				60		REC		20mA	B4	RR
1867	389 200 000		4				60		REC		20mA	UX4	RR
1868	023 180 090		4				60		REC		20mA	P8	RR
1875	023 000 000	D1	4				5		D			8SC	R
1876	123 000 080		4				5		D			8SC	R
1877	002 300 000	D1	4				3		D			B4	R
1881A	892 300 000		4				30		REC		15mA	B4	RR
1882	023 080 090		5				60		REC		20mA	8SC	RR
1883	023 080 090		5				60		REC		20mA	8SC	RR
1884	120 908 030		2.5				15		REC		15	A08	RR
2051	026 041 310		6		250		75	3kΩ	No Data Available			A08	THY
2101	264 530 000		2	4.5	150	150	8	1.7	100	100	1.7	UX5	P
2102	268 953 000		2	1	100		2.5	1.3	100		1.3	UX6	DDT
2103	274 546 300		2	7.5	150	150	4	1.5	100	100	1.6	UX7	PP
2151	265 413 000		14	31	250	250	47	2.7	100	150	2.4	UX6	P
2318	892 300 000		4				30		REC		15mA	B4	RR
2506	892 300 000		4				15		REC		10mA	B4	RR
3006	802 300 000		4						D			B4	D

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
3041	652 430 000		1.2	1	20	20	0.2	0.3	No Data Available			B5A	P	
3041A	652 430 000		1.2	1	20	20	0.2	0.3	No Data Available			B5A	TT	
3074A	204 140 300	A1/A2	6		300		50	3	No Data Available			B4	D	
3075A	002 300 000	D1	2						D	100	100	UX6	P	
3310A	265 113 000		10		250	150	5.6	2						
3311A	265 113 000		10		200	150	33	3	100	100		UX6	P	
3328A	265 113 000		7.5		250	150	5.6	1.9	100	100		UX6	P	
3329A	265 113 000	G1	7.5		200	125	31	2.9	100	100		UX6	P	
3481	026 510 310	G1	6	13.5	150	150	5.5	1.8	100	100	1.8	A08	P	
3720	364 200 000		5	1.5	200		0.2	0.2	150		0.2	UX4	T	
3871	264 300 000		30	19	100	100	52	3.8	100	90	3.8	UX6	P	
3872	364 200 000		2	9	150		3		100			UX4	T	
3873	365 200 000	G1	2	3	150	75	1.5	0.6	100	75	0.6	UX4	P	
3921	264 300 000		2.5	50	250		34	2.1	100		2.1	UX4	T	
3924	265 130 000	G1	2.5	3	200	90	4	1	100	90	1	UX5	P	
4019A	264 300 000		4		200		9.7	1.3	100			1.2	UX4	T
4019B	642 300 000		4	4	100		7.5	1.2	100			1.2	B4	T
4020A	264 300 000		2	2	150		1.2	0.6	100			0.6	UX4	T
4020B	264 300 000		2	2	150		1.2	0.6	100			0.6	UX4	T
4021A	264 300 000		4	10	150		32.5	3	100			0.6	UX4	T
4021B	642 300 000		4	8	150		23	3	100			3	B4	T
4022AR	264 300 000		4	6	200		16.2	2.2	100			2.0	UX4	T
4022R	264 300 000		4	6	200		16.2	2.2	100			2.0	UX4	T
4033	264 130 000		6	20	400		50	9	100			8	UX5	T
4033A	642 310 000		6	20	400		50	9	100			8	B5	T
4033L	642 310 000		6	20	400		60	10	100			8	B5	T
4037A	802 300 000		4				120		REC			30mA	B4	R
4045A	642 350 000		5	70	250	60	43	1.3	No Data Available			B5	P	
4061A	205 411 300	A1	6	10	400	200	50	2.5	100	150	2.5	B7	P	
4074A	204 140 300	A1/A2	6	13	300		15	3	100			3	UX7	TT
4077A	003 200 000	D1	5				120		REC			30mA	B4	R
4264A	364 200 000		1.5		100			6.3	100			6	UX4	T
4274A	289 300 000		5				120		REC			30mA	UX4	RR
4300A	364 200 000		5	90	400		50		No Data Available			UX4	T	
4310A	265 113 000	G1	10	5.5	250	150	5.2	2	100	100	2	UX6	P	
4328A	265 113 000	G1	7.5	5.5	250	175	2	2	100	150	2	UX6	T	
4328D	026 510 310	G1	7.5	5.5	250	150	5.2	2	100	100	2	A08	T	
4608	642 310 000		4	6	150		11	2.5	100			2.5	B5	T
4610	542 310 000	A1	4	1.3	200	100	1.5	0.9	100	100	0.9	B5	P	
4611	364 200 000		6	40	200		20	1.7	No Data Available			UX4	T	
4611	642 300 000		6	40	200		20	1.7	No Data Available			B4	T	
4612	642 300 000		4	40	250		40	2.7	No Data Available			B4	T	
4613	642 300 000		4	22	250		48	3.5	No Data Available			B4	T	
4614	642 310 000		4	16	200		12	1.3	No Data Available			B5	T	
4618	542 310 000	A1	4	2	200	100	3	2.2	100	100	2.2	B5	P	
4619	892 300 000		4				30		REC			15mA	B4	RR
4623	123 000 000	D1	6.3				5		D			B3G	D	
4631	264 300 000		2	1.5	150		0.7		150			UX4	T	
4635	642 310 000		4	16	200		12	9	No Data Available			B5	T	
4636	542 310 000		4	2	200	100	3	2.3	100	100		B5	P	
4650	642 350 000		4	63	300	300	30		No Data Available			B5	P	
4651	023 180 090		6.3				60		REC			20mA	FR	RR
4652	892 300 000		4				60		REC			20mA	B4	RR
4654	411 230 050	A1	6	14	250	275	72	8.5	No Data Available			ASC	P	
4654K	023 114 500	A1	6	12.5	250	275	72	8.5	125	125		ASC	P	
4654P	411 230 050	A1	6	14	250	275	72	8.5	No Data Available			ASC	P	
4655	462 300 000		4.5				60		REC			15mA	B4	RR
4657	642 310 000		4	1.5	200		1	2.2	200			2.2	B5	T
4670	432 564 570		2	8.5	90	90	1		80	75		8SC	PP	
4671	264 310 000		6.3	5	200		4.5	2	100			5AA	T	
4672	513 100 000	A1/G1	6.3	3	90	90	1.2	1.1	100	100	1.1	5AA	P	
4673	642 310 000	G1	4	2.5	250	200	8	5	100	150	5	B5	P	
4673	023 110 560		4	4	250	200	8	5	100	150	5	8SC	P	
4675	264 310 000		4	5	200		4.5	2	100			5AA	T	
4676	251 310 000	A1/G1	4	3	250	100	2	1.4	100	100		5AA	P	
4679	026 447 300		6	2.5	250		8	5	100			4.6	A08	P
4682	023 100 560	G1	4		375	250	24		100	150		8SC	P	
4683	023 004 060		4		350		43		100			RSC	T	
4684	023 104 560		4		400	250	24		100	150		ASC	P	
4688	023 104 560		4		400	275	48		100	150		ASC	P	
4689	026 540 310		6.3		400	275	48		No Data Available			A08	P	
4689	023 104 560		6		400	275	48		100	150		RSC	P	
4694	023 104 560		6	7.5	400	250	24	R	100	150		RSC	P	
4695	251 310 000	A1/G1	6.3	3	250	100	6.7	1.7	100	100		5AA	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
6057	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
6058	192 310 800		6						D			B7G	DD
6059	041 230 651		6	3	250	100	2	1.2	100	100	1.2	B9A	P
6060	741 226 413		6	2	250		10	5.5	200		5	B9A	TT
6061	*41 230 651		6	13	300	225	34	3.7	100	150	3.7	B9A	P
6062	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
6063	802 309 100		6				30		REC		15mA	B7G	RR
6064	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	T
6065	412 361 500		6	1.5	200	150	4	6.4	100	150	5	B7G	P
6066	412 389 600		6	2.5	250	250	8	2.5	100	100	2.5	B7G	DDT
			6	3	250		1	1.2	150		1.2	B7G	DDT
6067	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
6068	021 040 350		6.3	8	400	150	36	5.3	100	100		A08	P
6072	741 226 413		6	4	250		3	1.7	100		1.7	B9A	TT
6080	471 461 230		6	30	100				No Data Available			A08	TT
6082	471 461 230		26.5	30	100		100	7	No Data Available			A08	TT
6084	501 236 014		6	2	250	125	10	9	150	100		B9A	P
6085	641 227 413		6	5.5	250		6	2.7	100		2	B9A	TT
6086	541 236 ***		18	1.8	200	100	8.3	8.2	100	100		B9A	P
6087	020 809 030		6				60		REC		20mA	A08	RR
6088	653 420 000		1.2	1.2	40	40	0.7	0.6	No Data Available			B5A	T
6092	653 420 000		1.2	6.5	60	60	2.9	0.7	No Data Available			B5A	P
6094	452 634 516		6	12.5	250	250	45	6	100	150	6	B9A	P
6095	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
6096	412 365 100		6	2	150	125	7.5	5	125	125	5	B7G	P
6097	192 310 800		6						D			B7G	DD
6098	106 052 430		6	22.5	250	250	77	5.4	100	100		A08	P
6099	672 344 100		6	3	150		5	4.5	100		5.8	B7G	TT
6100	602 364 100		6	0.8	100		8.5	5.3	100		5.8	B7G	T
6101	762 344 100		6	8.5	250		10.5	2.2	100		3	B7G	TT
6106	020 809 030		5	2	150		9	5.5	100		6	B7G	TT
6110	812 093 100		6				60		REC		20mA	A08	RR
			6				5		D			B8R	RR
6111	642 113 470		6	1.9	100		8.5	5	100		5	B8B	TT
6112	642 113 470		6	1.4	150		1.7	2.5	100		0.8	A08	TT
6113	641 471 230		6	3	250		3	1.7	100		1.6	A08	TT
6118	026 890 310		6	3	250		1.0	1.2	150		1.3	A08	DDT
6125	8*2 384 100		6	8.5	250		10.5	2.2	150		2.2	B7G	T
6132	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P
6134	021 415 360		6	2	300	150	10	9	100	150		A08	P
6135	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
6136	412 365 100		6	1	250	150	10.6	5.2	100	150	5	B7G	P
6137	021 415 360		6	3	250	100	9.2	2	100	100	2	A08	P
6145	265 104 130		5		150	100	34	10	100	100		B7G	P
6146	125 141 310		6	28	200	200	100	7	No Data Available			A08	P
6147	206 035 240		1.2	7.5	150	125	5.5	1.6	100	125	1.5	B8B	P
6149	623 410 000		6.3		150		9	5	100			B5A	T
6151	623 410 000		6.3		250		4	4	100			B5A	T
6152	614 230 000		6.3		200		12	4	100			B5A	T
6153T	023 164 570		6	2	100		16	5	100	60	5	B8C	TH
6156	412 360 500		6	2	250	100	12	3.5	100	100	3	B7G	P
6157	*** 23* ***		6	13.5	250	250	16	2.6	100	150	2.6	B7G	P
6158	741 226 413		6				120		REC		30mA	B9A	R
			6	4.6	250		6	2.3	100		2.3	B9A	TT
6159	125 141 310		26	30	200	200	100	7	No Data Available			A08	P
6169	642 113 640		6	1	200		11	6.5	100		6.5	A08	T
6180	461 471 230		6	8	250		9	2.6	100		2.6	A08	TT
6186	412 365 100		6	1.4	250	150	7	5	100	100	4	B7G	P
6187	412 365 100		6	2	150	125	5.2	3.2	100	125	3	B7G	P
6188	461 471 230		6	2	250		2.3	1.6	150		1.4	A08	TT
6189	641 227 413		6	8.5	250		10.5	2.2	100		3	B9A	TT
6197	145 236 154		6	3	250	150	30	11	100	150	10	B9A	P
6201	741 226 413		6	2	250		10	5.5	100		5	B9A	TT
6202	802 309 100		6				60		REC		20mA	B7G	RR
6203	800 230 109		6						REC			B9A	RH
6205	412 163 510		6	4	100	100	7.5	5	100	100	5	B8D	P
6206	412 163 510		6.3	1.3	100	100	7.5	5	100	100	4.5	B8A	P
6211	741 226 413		6	1.2	100		4.6	3.6	100		3.6	B9A	TT
6216	641 236 510		6	6	200	100	47	8.8	100	100		B9A	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6227	041 230 651		6	5.2	200	200	30	9	100	100		B9A	P
6222	402 613 080		6.3	1	100		0.7	1.7	100		1.7	B8D	T
6245	652 311 400		6.3		150	150	7.5	5.0	100	100		BTG	P
6247	442 613 000		6	3	200		4	3	100		2.6	BTG	T
6252	245 134 200	A1 A2	6.3	17	400	200	20	6.5	No Data Available			BTG	PP
6265	412 365 100		6	1	250	150	9	4	100	125		BTG	P
6267	501 236 014		6	1.0	250	100	3.0	1.8				B9A	P
6281	653 420 000		6	0.6	20	20			No Data Available			B5A	P
6286	624 300 000		1.2	2	60		6	2.1	No Data Available			B5A	T
6287	156 236 546		6	12.5	250	250	48	4.1	100	100		B9A	P
6293	125 141 300	A1	6		200	200	100	7.3	No Data Available			A08	P
6302	265 113 000	G1	6	2.2	300	150	11	9	No Data Available			UX6	P
6305	112 311 100	D1	4				5		REC	5mA		BTG	R
6325	108 090 230		6				60		REC	20mA		A08	RR
6327	121 040 350		6	22.5	250	250	120	8	100	100		A08	P
6336A	471 461 230		6.3	60	200		75	5	No Data Available			A08	TT
6350	614 227 143		6	5	150		11	4.6	100		5	B9A	TT
6351	141 321 655		6	2	350	250	12.5	11.5	No Data Available			B9A	P
6352	277 382 930		1.5						D			B8A	D
6360	414 226 573		6.3	15	200	200	30	3.3	No Data Available			B9A	PP
6374	**1 23* **8	D1	6				120		REC	30mA		99A	R
6375	400 230 060		1.2	4.5	150		12.0	3.4	150		3.4	B8D	T
6384	106 052 430		6.3	22	250	250	77	5.5	No Data Available			A08	P
6385	214 607 413		6	2.1	150		82	5.5	125		5.5	B9A	TT
6386	214 607 413		6	2	100		9.6	4	100		4	B9A	TT
6394	461 471 230		26.5	45	150		100	11	No Data Available			A08	TT
6397Spec	206 035 240		1.2		150	150	9	2.3	100	100		B8D	P
6414	641 227 413		6.3	2	200		8	5.5	100			B9A	TT
6417	601 235 144		12.5	7.5	250	250	45	7	100	150	7	B9A	P
6418	652 430 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
6443	**1 23* ***	D1	6				120		REC	30mA		B9A	R
6463	614 227 143		6	10	250		14.5	5.2	100			B9A	TT
6485	412 365 100		6	1.6	300	150	10	9	100	100		BTG	P
6486/A	410 263 511		6.3	2	150	125	3.5	3.2	125	125	3.5	B9A	P
6488	412 653 160		6	2.0	100	100	7.5	5.0	100	100	5.0	B8D	P
6489	261 360 000		6		100		8		100			SM5	T
6516	412 360 500		6	13.5	250	250	16.0	2.6	100	150	2.6	BTG	P
6520	461 471 230		6	60	150		50	7	No Data Available			A08	TT
6526	652 430 000		1.2	6	100	100	6.5	1.9	100	100		B5A	P
6528	471 461 230		6	20	200		90	15	No Data Available			A08	TT
6533	644 612 360		6		150		0.9	1.7	100			B8D	T
6535	672 344 100		6	0.8	100		8.5	5.3	100		5.3	BTG	TT
6542	542 134 500	A1 A2	6	2	200	200	50	4.5	100	100		BTG	PP
6550	026 540 310		6	16.5	400	225	87	9	No Data Available			A08	P
6582A	410 263 511		6		150	125	7.5	4.5	100	100		B9A	P
6611	652 430 000		1.2		40	40	1	1	No Data Available			B5A	P
6612	652 430 000		1.2		40	40	3	3	No Data Available			B5A	P
6660	412 365 100		6	1.1	250	100	11	4.4	100	100	4.3	BTG	P
6661	412 365 100		6	1.0	250	150	7.4	4.6	100	100		BTG	P
6662	412 365 100		6	1.0	250	100	9.2	3.6	100	100	3.6	BTG	P
6663	182 310 900		6						D			BTG	DD
6664	412 389 600		6	12	250		10	5.5	100			BTG	DDT
6669	412 365 400		6	12.5	250	250	47	4.1	100	150	4	A08	P
6676	412 365 100		6	56	150	150	13	8	100	100		BTG	P
6677	145 236 154		6	3	250	150	30	11	100	100		B9A	P
6678	645 237 114		6	1.6 0.9	150 250	100	18 10	8.5 5.2	100 100	60 100	9 5	B9A	TP
6679	641 227 413		6	2	250		10	5.5	100		5		
6680	641 227 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
6681	641 227 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
6686	041 230 651		6	2.5	200	200	20	11	100	100		B9A	P
6687	412 365 100		6	5	150	75	0.5	0.6	125	75	0.6	BTG	H
6688	141 23* 615		6	1	200	150	13.1	16.5	No Data Available			B9A	P
6689	541 236 **1		6	1.7	200	125	10	9	100	100		B9A	P
6690	742 163 410		6	0.8	100		8	4.8	100		4.8	B8A	TT
6697	641 227 413		6	8.5	250		10	2.0	150			B9A	TT
6754	801 023 109		6				30		REC	15mA		B9A	RR
6760	641 236 510		18	7.5	150	125	70	12	No Data Available			B9A	P
6761	641 236 510		6	7.5	150	125	70	13	No Data Available			B9A	P
6788	412 163 510		6	1.4	100	100	0.8	1.1	100	100	1.1	B8A	P
6814	402 013 060		6		100		10	6	100		6	B8A	T
6829	641 227 413		6	2.2	150		10.7	8.1	150		8.1	B9A	TT
6832	642 113 470		6		100		0.7	1	100			B8D	TT

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
4696	023 180 560	G1	6.3	2.5	250	150	8	14	No Data Available			P8	DP	
4699	023 104 560		6	12.5	300	300	55	13	100	150	9	BSC	P	
5222	402 613 060	A1	6.3	1	100		0.7	1.7	100		1.7	B8D	T	
5516	235 242 300		3	14	400	250	75	4	100	150	4	A08	P	
5556	264 300 000		4.5	30	350		9	0.9	No Data Available			UX4	T	
5590	412 365 100		6	4.5	90	90	3.9	2	80	90	2	B7G	P	
5591	412 365 100		6	1.9	200	125	7.7	5	125	100	5	B7G	P	
5603	021 415 360		6	12.5	150	150	50	5.4	100	100	5	A08	P	
5608	412 365 100		6	12	150	125	7.5	5	100	90	5	B7G	P	
5610	612 364 000		6	1.5	90		17	4	80		4	B7G	T	
5618	265 134 200		3	8	300	75	19	3.5	100	60	3.5	B7G	P	
5635	442 763 710		6	0.5	100		4.8		100		3.8	B8B	TT	
5636	412 163 510		6	1.4	100	100	5.3	3.3	100	100	1.9	B8D	P	
5637	402 013 060		6		100		1.4	2.7	100		2.7	B8B	T	
5639	412 163 510		6	2.6	150	100	21	9	100	100	9	B8D	P	
5640	412 163 510	D1	6	6	100	100	31	5	100	100	5	B8B	P	
5641	082 813 080		6				30		REC		15mA	B8D	R	
5642	023 000 000		1.2						D			B3G	D	
5643	612 113 410		6.3		400		75	5kΩ	No Data Available			B8D	THY	
5645	612 430 000		6.3	2.8	100		5	2.7	100		2.7	B5B	T	
5646	612 430 000		6.3	1.1	100		1.4	2.4	100		2.4	B5B	T	
5647	381 280 000		6				5.0		D			B5A	D	
5654	412 365 100		6	2	150	125	7.5	5	100	100	5	B7G	P	
5656	544 231 761		6.3		150	150	15	5.8	100	100		B9A	PP	
5659	026 540 310		12.5	12.5	250	250	32		100	150		A08	P	
5660	026 895 310	G1	12.5	3	250	125	10	1.3	100	100	1.3	A08	DDP	
5661	021 415 360		12.5	0.4	250	100	9.2	2	100	100	2	A08	P	
5670	214 607 413		6	2	150		8.2	5.5	125		5.5	B9A	TT	
5672	653 420 000		1.2	6.5	60	60	3.1	0.6	No Data Available			B5A	P	
5676	624 300 000		1.2	5	150		4	1.6	125		1.6	B5A	T	
5677	634 200 000		1.2	6	150		1.9	0.6	100			B5A	T	
5678	652 430 000		1.2	0	60	60	1.8	1	No Data Available			B5A	P	
5679	218 309 120		6				5		D			B8B	RR	
5686	141 235 615		6	12.5	250	250	27	3.1	100	100		B9A	P	
5687	641 221 437		6	12.5	250		12.5	4.1	100		7	B9A	TT	
5690	238 192 310		6				20		REC		30mA	A08	RR	
5691	471 461 230		6	2	250		2.3	1.6	150		1.6	A08	TT	
5692	471 461 230		6	9	250		6.5	2.2	100		2.2	A08	TT	
5693	021 415 360		6	3	250	100	3	1.6	100	100	1.6	A08	P	
5694	126 447 310		6	6	300		7	3.2	No Data Available			A08	TT	
5702	652 311 400		6.3	2	150	115	7.5	5	100	100	5	B7G	P	
5703	623 410 000		6.3	2	150		9	5	100		5	B5A	T	
5704	623 100 000		6.3				5		D			B5A	R	
5718	402 013 060		6	2	100		13	5.5	100		5.5	B8D	T	
5719	402 013 060		6	1.3	150		1.8	2.3	100		1.6	B8B	T	
5722	802 208 300		3						D			B7G	D	
5725	412 365 100		6	2	150	125	5.2	3.2	100	100	3.5	B7G	P	
5726	192 310 800		6.3				5		D			B7G	RR	
5732	026 510 310		6	3	150	100	8	2.2	100	100	2	A08	P	
5744	623 410 000		6.3	2	250		4	4	100			B5A	T	
5749	412 365 100	G1	6	1	250	100	11	4.4	100	100	4.3	B7G	P	
5750	412 366 400		6	2	100		11	7	100		6	B7G	H	
5751	741 226 413		6	3	250		1	1.2	100		1.2	B9A	TT	
5755	471 461 230		6	2	250		2.3	1.6	200		1.6	A08	TT	
5763	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P	
5784	652 311 400		6.3	2	150	125	5.2	3.2	100	100	3	B7G	P	
5785	823 000 000		1.2						D			B3G	D	
5797	411 235 600		26.5	1	30	30	0.5	1	No Data Available			B8D	P	
5798	741 231 460		26	0	20		2.3	3.1	No Data Available			UX4	TT	
5812	413 365 200		3	33	250	250	40	4.1	100	150	4.1	B7G	P	
5814	741 226 413		6	8.5	250		10.5	2.2	100		3	B9A	TT	
5814A	741 226 413		6	8.5	250		10.5	2.2	100		3	B9A	TT	
5824	026 540 310	D1	25	22	150	125	61	5	125	125	5	A08	P	
5825	200 300 000		1.5				30		D			B8A	RR	
5838	028 090 310		12				180		REC		15mA	B8A	RR	
5839	028 090 310		26.5				7	5	REC		30mA	A08	RR	
5840	412 163 510		6	1.4	100	100			100	100	5	B8D	P	
5842	602 441 443		6	1.5	150		26	24	100		2.4	B9A	T	
5844	672 344 100		6	2.3	100		4.8	3.4	100		3.4	B7G	TT	
5845	802 290 300		6						D			B7G	DD	
5847	402 106 053		6	2	150	150	13	12.5	150	150	12	B9A	P	
5851	206 005 340		2.5	7.5	150	125	5.5	1.6	125	125	1.6	B8B	P	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
5852	028 090 310		6				30		REC		15mA	A08	RR
5854	652 420 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	RR
5871	026 540 310		6.3	12.5	250	250	45	4.5	100	150	4	A08	P
5873	264 114 730		6	3	150		9	2.9	100		2.3	B8B	TT
5875	652 430 000		1.2		90	90	3.5	2.5	80	90		B5A	P
5879	401 230 561		6	3	250	100	1.8	1	100	100	1	B9A	P
5881	026 540 310		6	12.5	300	200	48	5.3	100	150	5	A08	P
5882	028 090 310		12.6				30		REC		20mA	A08	RR
5894	245 134 200	A1/A2	6		400	250	30	3.4	No Data Available			B7A	PP
5896	812 093 100		6				15		REC		15mA	B8B	RR
5897	402 013 060		6	2.3	150		14	6.5	100		5.8	B8A	T
5898	402 013 060		6	2	150		1.8	2.3	100		1.7	B8A	T
5899	412 163 510		6	1.4	100	100	7.2	4.5	100	100	5	B8D	P
5900	412 163 510		6		100	100	7.2	4.5	100	100	5	B8A	P
5901	412 163 510		6	1.5	100	100	7.5	5	100	100	5	B8A	P
5902	412 163 510		6	6.5	100	100	30	4.2	100	100		B8A	P
5903	812 093 100		26				5		D			B8B	RR
5904	402 013 060		26	0	20			5	No Data Available				T
5905	412 163 510		26		20	20	2.3	2.8	No Data Available			B8A	P
5906	412 163 510		26	1.5	100	100	7.5	5	100	100	5	A08	P
5907	412 163 510		26		20	20	2.7	3	No Data Available			B8A	P
5908	412 163 510		26		20	20	2.3	1.7	No Data Available			B8A	P
5910	265 *24 300		1.4		90	90	1.6	0.9	100	90	0.9	B7G	P
5915	412 365-100		6		75	75	6.3	2	80	75	2	B7G	H
5916	412 163 510		26		100	100	4.4	1.3	100	100	1.3	B8A	P
5920	762 344 100		6	2.1	100		8.5	6	100		6	B7G	TT
5930	264 300 000		2.5	45	250		60	5.2	No Data Available			UX4	T
5931	020 809 030		5				120		REC		30mA	A08	RR
5932	026 540 310		6	14	250	250	72	6	100	150	6	A08	P
5933	354 130 000	A1	6	14	300	250	83	6.5	100	150	6	UX5	P
5947	222 833 380		4.4						D			A08	D
5961	126 541 340		6		250	100			100	100		A08	H
5963	741 226 413		6	2	75		3.5	2	100		2.5	B9A	TT
5964	762 344 100		6	1	100		9.5	6	100		6	B7G	TT
5965	741 226 413		6	1.8	150		8.2	6.5	150		6	B9A	TT
5967	624 334 270		1.2		40		3	2	No Data Available			B8B	TT
5968	240 670 430		1.2		40		0.7	1.3	No Data Available			B8B	TT
5969	245 675 430		1.2	3	125	40	6	1.7	No Data Available			B8B	PP
5970	245 675 430		1.2		40	40	3	1.8	No Data Available			B8D	PP
5971	642 430 000		1.2	2.5	150		5.6	2.5	100			B5A	T
5972	652 420 000		1.2		60	60	2.5	1.3	No Data Available			B5A	T
5975	614 230 000		6.3		200		12	4	100		4	B5A	T
5977	402 013 060		6	2.7	100		10	4.5	100		4.5	B8B	T
5987	462 613 060		6	18	100		9	1.8	100		1.8	B8B	T
5992	026 540 310		6	12.5	250	250	45	4.1	100	150	4	A08	P
5993	802 010 309		6				30		REC		15mA	B9A	RR
5995	802 310 000		6.3				30		REC		15mA	B5A	R
5998	461 471 230		6		100		100	15.5	No Data Available			A08	TT
6004	020 000 030	D1/D2	2.5				60		REC		20mA	A08	RR
6005	412 365 400		6	12.5	250	250	45	4	100	150	4	B7G	P
6006	021 415 360		6	14	250	125	11	4.7	100	100		A08	P
6007	653 420 000		1.2	0.2	20	20	0.4	0.4	No Data Available			B5A	P
6008	653 420 000		0.6	1.1	20	20	0.5	0.1	No Data Available			B5A	P
6021	642 113 470		6	1.0	100		6.5	5.4	100		5	B8D	TT
6026	001 230 460		6	2.6	150		12	5.9	100		5.9	B8B	T
6028	412 365 100		20	1.8	150	125	7.5	5	100		5	B7G	P
6029	624 300 000		1.2	4	90		11	2	80			B5A	T
6030	672 344 100		6	3	150		5	4.5	100		5.8	B7G	TT
6042	461 471 230		25	0.8	100		8.5	5.8	100		5.8		
6045	672 344 100		6	0.5	100		9	2.6	100		2.6	A08	TT
6046	026 540 310		25	8.2	200	125	46	8	100	125	8	B7G	TT
6049	412 163 510		6.3	1.5	100	100	7.4	3.5	100	100	3.5	B8A	P
6050	624 300 000		1.2	5	150		4	1.6	100			B5A	T
6051	652 430 000		1.2	4	40	40	3	1.2	No Data Available			B5A	P
6052	812 093 100		6				30		REC			B8B	RR
6053	812 093 100		26				5		D			B8B	DD
6055	402 013 060		26		40			4.7	No Data Available			B8D	T
6056	412 163 510		26		40	40	3		No Data Available			B8D	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6840	614 227 130		6.3		250		14	6.7	100			B8D	P
6850	542 134 500	A1 A2	12		200	200	50	4.5	100	100		B7A	PP
6851	641 227 413		6.3	3.1	250		1	1.2	100		1.2	B9A	TT
6853	030 809 020		5				60		REC		20mA	A08	RR
6854	214 607 413		6.3	19.6	150		8.2	5.2	100		5.2	B9A	TT
6870	141 223 651		6	3.5	250	250	25	8.5	100	100	8	B9A	P
6872	521 413 100	A1	6.3	1	400	100	3.5	2.2	100	100		B7G	P
6877	402 634 016		6.3	12	100		75	6.5	No Data Available			B9A	T
6883	125 141 130	A1	12	30	200	200	100	7	No Data Available			B9A	P
6887	182 310 900		6						D			B7G	DD
6888	021 415 600		6.3		150	90	38		100	90		A08	P
6889	200 053 420		6.3	22.5	250	250	77	5.4	100	100		A08	P
6922	641 327 411		6.3	1.2	90		15	12.5	No Data Available			B9A	TT
6939	414 226 573		6.3	100	300	200	85	10	No Data Available			B9A	PP
6943	412 163 510		6.3		100	100	8	3.6	100	100	3.6	B8D	P
6944	412 163 510		6.3		100	100	7	3.2	100	100	3.2	B8D	P
6945	412 163 510		6.3		100	100	25	3.5	100	100		B8D	P
6946	402 013 060		6.3		100		9	3.8	100			B8D	T
6947	642 113 470		6.3		150		6.5	4	100			B8D	TT
6948	642 113 470		6.3		100		0.8	1.6	100			B8D	TT
6954	412 365 100		6.3	1	150	150	5.9	2	100	100		B7G	P
6955	641 227 413		6	8.5	250		11.5	2.3	100			B9A	TT
6968	402 365 100		6.3	2	150	125	7.5	5	125	100	4	B7G	P
6973	504 234 156		6.3	15	250	250	46	4.8	100	100		B9A	P
6889	200 053 420	A1	6.3	22.5	250	250	77	5.4	100	100		A08	P
6900	741 221 436		6.3	2	150		36	11.5	No Data Available			B9A	TT
6893	125 141 130	A1	12	30	200	200	100	7	No Data Available			B9A	P
6907	245 134 200	A1 A2	6.3	50	400	250	100		No Data Available			B7A	PP
6913	741 226 413		6.3	5	150		11	4.6	100			B9A	TT
6919	182 310 900		6				5		D			B7G	RR
6922	641 327 411		6.3		200				No Data Available			B9A	TT
6927	672 344 100		6	3	150		5	4.5	100		5	B7G	TT
6928	412 365 400		6	0.8	100		8.5	5.8	100		5	B7G	TT
7000	026 510 310	G1	6	3	250	250	45	4.1	100	150	4	B7G	P
7025	741 236 413		6	2	250	100	2	1.2	100	100	1.2	A08	P
7027	526 544 310		6.3		200	200			100	100		B8A	P
7032	412 365 100		6.3	2	250	100	4.5	1.8	100	100		B7G	H
7036	412 365 100		6	0	75	75	6.3	2	80	75	2	B7G	H
7044	641 221 437		6.3	2	150		36	10	No Data Available			B9A	TT
7051	645 237 114		6.3	1.0	150		18	8.5	100	60	8	B9A	TF
7054	141 23* 651		13.5	2.7	250	150	19	11.5	100	100		B9A	P
7055	182 310 900		13.5				5		D			B7G	RR
7056	412 365 100		13.5	2.2	200	150	9.5	6.2	100	100		B7G	P
7057	641 237 410		13.5	2.2	150		10	6.8	100			B9A	TT
7058	641 237 410		13.5		250		1.2	1.6	100			B9A	TT
7059	654 237 115		13.5	1	150		18	8.5	100	60	8	B9A	TP
7060	641 237 541		13.5	0.9	250	100	10	5.2	100	100	5	B9A	TP
7061	504 234 156		13.5	1.5	150		9	4.9	100	60		B9A	TP
7062	641 227 413		6.3	1.6	200	125	15	7	100	100		B9A	P
7066	208 564 300		1.4	10	200	200	36	4.2	100			B9A	TT
7071	*** 23* ***	D1	6.3	0.8	100	100	1.1	0.4	100	100	8.5	B7G	DP
7072	*** 23* **8	C	6.3						D			B9A	D
7073	*** 23* **8	C	26				180		REC		40mA	B9A	P
7074	641 234 146		6.3		200		12	14	REC		40mA	B9A	R
7075	641 234 146		3.8		200		12	14	No Data Available			B9A	T
7078	041 230 651		6.3		200		12	14	No Data Available			B9A	T
7079	041 230 651		6.3	2.0	250	100	9	4.4	100	100	4	B9A	P
7105	471 461 230		12.6		200	100	12	4.4	100	100	4	B9A	P
7106	501 236 014		12.6	30	100				No Data Available			A08	TT
7110	141 230 651		6.3		250	150	3	2	100	100		B9A	P
7118	641 227 413		6.3	3.5	250	250	10	6.8	100	100		B9A	P
7119	641 221 437		6.3	1.4	100		8.5	5.6	100		5.6	B9A	TT
7125	541 236 891		6.3	7	200		23	6.4	100		6.4	B9A	TT
7137	412 344 600		6.3	2	250	100	9	3.8	100	100	3.6	B9A	DP
7143	412 314 600		3.1	1.0	200		13.5	8.5	100			B7G	T
							11.5	6.7	100			B7G	T

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
7144	641 237 410		6.3	1.2	90		15	12.5	No Data Available			B9A	TT	
7145	501 236 014		6.3	2.0	50	50	1.8		80	60		B9A	P	
7150	631 421 1*5		6.3		150	125	24	34	No Data Available			B9A	P	
7167	412 365 100		13.5	1	150	80	10	8	No Data Available			B7G	P	
7184	026 540 310		6.3	12.5	250	250	47	4.1	100	100		A08	P	
7189	441 235 6*5		6.3	7.3	250	250	48	11.3	No Data Available			B9A	P	
7193	020 000 310	A1/G1	6	10.5	300		11	3	100		3	A08	T	
7199	675 231 414		6.3	{ 8	200		9	2	100	60		B9A	TP	
7212	125 142 360		6.3	{ 1.5	250	125	12.5	7	100	100				
7227	441 23* 651		6.3	28	200	200	100	7	No Data Available			A08	P	
			27.5	2.5	40	40	8	5	No Data Available			B9A	P	
7233	646 236 416		6.3	40	150		50	9	No Data Available			B9A	T	
7236	471 461 230		6.3	14	150		100	12.5	No Data Available			A08	TT	
7239	41* 235 1*1	A1	6.3	5	300	100	10.5	4.2	100	100		B9A	P	
7244	672 344 100		6	0.4	100		9	6	100		5	B7G	TT	
7245	412 344 600		6.3		150		13.5	11	100			B7G	T	
7247	641 227 413		6.3	{ 2	250		1.2	1.6	100		1.6	B9A	TT	
				{ 8.5	250		10.5	2.2	100		2.2			
7258	641 237 541		12.5	{ 3	150		15	4.5	100	60		B9A	TP	
				{ 35	125	12	7.8	100	100					
7308	741 236 410		6.3	1.4	90		12	11.5	No Data Available			B9A	TT	
7316	641 227 413		6.3		100		11.8	3.1	100		3	B9A	TT	
7318	641 227 413		6.3	8.5	250		11.5	2.3	100			B9A	TT	
7320	041 230 605		6.3	7.3	250	250	48	11.3	100	100		B9A	P	
7355	026 014 350		6.3	15	250	250	70	7.6	100	100		A08	P	
7358	125 141 300		6.3		200	200	100	7	100	100		A08	P	
7370	641 221 437		20	2	120		36	11.5	100		11.5	B9A	TT	
7382	412 300 600		6.3	2	250		1.2	1.6	100		1.6	B7G	T	
7408	026 540 310		6.3	12.5	250	250	4.7	4.6	100	100		A08	P	
7492	741 226 413		6.3		250			5.5	100			B9A	TT	
7498	412 361 500		6.3		250	250		7.5	100	100		B7G	P	
7534	*24 54* 310	A	6.3	15.5	250	150	100	25.0	No Data Available			A08	P	
7543	412 365 100		6.3	1.0	250	150	10.8	5.2	100	100	5	B7G	P	
7551	145 236 151		13	18	250	250	40	5.3	80	60		B9A	P	
7558	145 236 151		6.3	18	250	250	40	5.3	100	100		B9A	P	
7561	026 540 310		25		100	100	555	10.5	No Data Available			A08	P	
7581	026 540 310		6.3	14	250	250	72	6	100	100		B8A	P	
7591	026 514 350		6.3	10	300	300	75	10.2	100	100		A08	P	
7607	125 141 300	A1	6.3	17	300	250	80	8	100	100		A08	P	
7643	645 237 114		6.3	{ 2	100		14	5	100	60	6	B9A	TP	
				{ 2	200	175	10	6.2	100	100				
7683	416 236 156		6.3	0.5	300	250	12.6	5	100	100	5	B9A	P	
7687	645 237 114		6.3	{ 8.5	200		7.5	2.5	100	60		B9A	TP	
				{ 200	125	10	5.8	100	100					
7693	412 365 100		6.3	100	250	150	7.4	4.6	100	100		B7G	P	
7694	412 365 100		6.3	80	250	100	9.2	3.6	No Data Available			B7G	P	
7695	5** 234 1*6		50	11	130	130	100	11.0	No Data Available			B9A	P	
7699	414 226 573		6.3		250		45	10	No Data Available			B9A	PP	
7700	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P	
7701	141 236 515		13.6	12.5	250	250	28	3.6	100	100		B9A	P	
7716	146 231 457		13.6	1.0	150		1.6	3	100	60	2.5	B9A	TP	
7717	412 365 100		6.3	60	200	100	24	9.5	100	100				
7719	641 226 413		6.3	1	125	80	10	8	100	80		B7G	P	
			6.3	10.5	300		4.0	3.5	100		3	B9A	T	
7721	141 230 615		6.3	10	200	150	22	35	No Data Available			B9A	P	
7722	141 230 615		6.3	1	200	150	34	27	No Data Available			B9A	P	
7724	181 239 146		14	3.0	250		0.7	1.0	100		1	B9A	DDT	
7728	641 227 413		6.3	2	250		10	5.5	100		4	B9A	TT	
7729	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT	
7731	641 237 114		6.3	{ 1	150		18	8.5	100	60		B9A	TP	
7732	412 365 100		6.3	{ 0.95	250	100	10	5.2	100	100				
7733	141 223 651		6.3	{ 1	200	125	13	8	100	100		B7G	P	
7734	514 236 147		6.3	{ 21	150	175	24	12	No Data Available			B9A	P	
7738	642 314 600		6.3	{ 2.0	150	150	5.5	3.2	No Data Available			B9A	TP	
				{ 400			12	9.9	No Data Available			B7G	T	
7751	026 540 310		6.3	8	100	100	100	14	No Data Available			A08	P	
7752	412 365 100		6	2	150	125	5.5	3.5	100	100	3.5	B7G	P	
7754	5** 234 1*6		6.3		150	150	100	11	No Data Available			B9A	P	
7755	412 365 100		6		40	30	3	2.7	No Data Available			B7G	P	
7756	106 052 430		6	36	300	300	58	4.3	100	150	4.3	A08	P	
7757	451 034 510		6.3	12.5	250	250	45	4.1	100	PenLF	4.0	B9A	P	
7761	214 607 413		12.6		150		8.2	5.5	100			B9A	TT	
7788	141 235 615		6.3		150	150	35	50	No Data Available			B9A	P	