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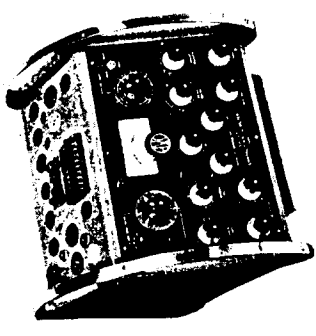
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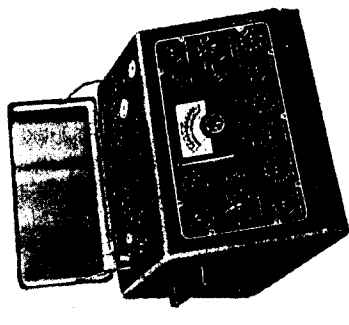
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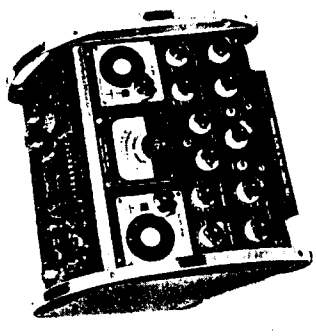
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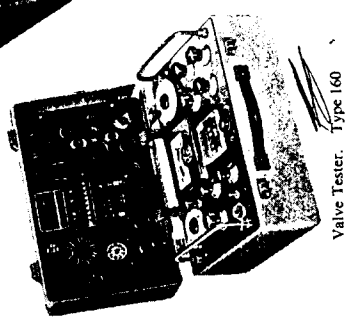
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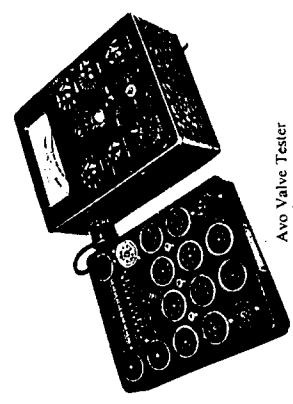
Valve Characteristic Meter. Mk. I & II



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Valve Tester. Type 160



Avo Valve Tester

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC PETER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			TYPE
				Msg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
												Base mA/V	
1D3	402 306 060		1.2	5	90	12.5	3.4	100	1.4	HMA T			
1D4	402 306 060		2	6	150	9.5	2.4	100	100	LXS P			
1D5	402 306 060		2	3	150	60	12.0	0.7	100	60mA B5 P			
1D5B	026 500 300	G1	2	3	200	60	2.3	0.7	100	60 0.6 A08 P			
1D5C	026 500 300	G1	2	3	200	60	2.3	0.7	100	75 A08 P			
1D5E	026 500 300	G1	2	3	90	75	2.2	0.7	80	60 0.7 A08 P			
1D5F	026 500 300	G1	2	3	150	75	2.2	0.6	100	60 0.6 A08 P			
1D6	280 183 000	G1	25	0	150	75	3	0.42	150	75 1.0 A08 T			
1D7	036 546 200	G1	2	0	90	90	1.1	0.5	80	60 0.5 A08 P			
1D8	037 546 280	G1	1-4	9	90	90	5	0.9	80	75 0.9 A08 DTP			
1D13	281 048 300		1-4	1-4	60	60	2.1	0.6	No Data Available	BTG D			
1D15	281 048 300		1-4	1-4	60	60	2.1	0.6	No Data Available	BTG DP			
1E1	402 306 060		1-4	0	150	20	3.5	100	75	B5A T			
1E4	026 040 300		1-4	3	150	75	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			
1E5B	036 500 200	G1	2	3	90	75	1.6	0.6	80	60 0.6 A08 P			
1E7	036 447 250	G1	2	4.5	150	150	7.5	1.43	100	1.4 A08 DTP			
1E8	240 236 540	G1	1.2	0	60	60	1.8	0.74	No Data Available	B8D H			
1F1	265 024 300	G1	1.4	0.8	75	75	1.4	0.65	80	60 0.7 BTG P			
1F2	265 024 300	G1	1.4	1.0	90	75	2.9	0.92	80	75 0.9 BTG P			
1F3	265 024 300	G1	1.4	1.0	90	90	1.9	0.75	80	60 0.7 BTG P			
1F4	364 520 000	G1	2	3	90	90	4	1.4	80	75 1.4 UKS P			
1F5	036 540 200	G1	2	3	150	90	9	4	80	75 1.4 A08 P			
1F6	365 892 000	G1	2	1.5	150	75	2.2	0.4	80	75 0.6 UKS DDP			
1F7	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75 0.6 A08 DDP			
1P70V	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75 0.6 A08 DDP			
1P33	265 024 300	G1	1.4	1.4	90	60	3.5	0.7	80	60 BTG P			
1P36	265 024 300	G1	1.2	20	200	175	10	7.5	100	100 7 B5A P			
1P60	141 230 051	G1	1.4	1.5	60	60	0.17	0.17	80	60 0.1 BTG DP			
1P61	278 564 300	G1	1.4	1.0	75	75	1.6	0.63	80	75 0.6 BTG DP			
1P69	208 564 300	D1	1.4	1.0	75	75	1.6	0.63	80	75 0.6 BTG DP			
1G3	72 070 300	D1	1.2	0	150	2	2.3	0.8	100	A08 TT			
1G4	026 447 300	D1	1.4	6	90	90	2.3	0.82	80	0.8 A08 T			
1G5	036 540 200	G1	1.4	0	90	90	8.5	1.5	80	75 1.5 A08 P			
1G6	028 447 300	G1	1.4	0	90	90	1.0	0.67	80	0.6 A08 TT			
1H2	23 232 *32	D1	1.4	5.5	150	2.3	0.8	100	A08 TT				
1H3C	026 447 300	G1	1.2	0	150	2	2.3	0.8	100	A08 TT			
1H4	026 040 300	G1	1.4	0.5	100	0.1	0.2	80	0.2 A08 BT				
1H5	036 080 200	G1	1.4	0.5	100	0.8	0.57	100	0.5 A08 DDT				
1H6	036 894 200	G1	2	3	150	150	7	0.95	100	100 0.9 A08 P			
1H33	265 424 300	G1	1.4	1.4	90	60	1.6	0.6	80	60 0.3 BTG H			
1H34	265 424 300	G1	1.2	1.4	90	60	1.6	0.6	80	60 0.3 BTG H			
1H35	265 454 300	G1	1.4	1.4	90	60	0.6	No Data Available	BTG H				
1J3	020 000 300	D1	1.2	16.5	150	150	7	0.95	100	100 0.9 A08 P			
1J5	036 540 200	G1	2	3	150	150	7	0.95	100	100 0.9 A08 P			
1L6	026 447 300	D1	2	3	150	1.7	100	100	A08 TT				
1J6GX	026 447 300	D1	2	0	150	2	125	75	1	UKS P			
1K3	020 000 300	D1	1-2	0	150	75	2.5	1	125	75 1 A08 P			
1K4	365 200 000	G1	2	2	125	75	2.5	1	125	75 1 A08 P			
1K5	026 500 300	G1	2	3	125	75	1	125	75 1 A08 P				
1K5B	026 500 300	G1	2	3	150	90	0.9	0.6	100	75 0.6 UKS DDP			
1K6	369 852 000	G1	2	4.4	150	150	1.5	0.7	100	100 0.7 A08 DDP			
1K7	026 895 300	G1	2	0	90	75	2.9	0.92	80	75 0.9 BTG P			
1K4	265 024 300	G1	1.4	6	200	200	10	2.4	100	150 2.4 A08 P			
1L5	026 540 300	G1	2	6	200	200	10	2.4	100	150 2.4 A08 P			
1L6	266 451 300	G1	1.4	0	90	50	7.4	1.4	80	60 BTG H			
1L33	264 526 300	G1	1.4	7	90	60	7.4	1.4	80	60 BTG P			
1L34	254 526 300	G1	1.2	7	90	60	7.4	1.4	80	60 BTG P			
1L60	642 300 000	G1	1	150	150	6.0	1.2	150	0	1.2 B5A T			
1L84	365 004 020	G1	1.4	4.5	90	90	4	0.85	80	70 0.8 B8B P			
1U91	652 430 000	G1	1.2	4.5	40	40	1.2	0.5	No Data Available	B5A P			
1U61	041 230 051	G1	20	4.5	200	200	15	9	100	100 A08 P			
1U4E	365 004 020	G1	1.4	4.5	90	90	3.5	0.8	80	75 0.8 B8B P			
1U4G	366 454 020	G1	1.4	0	90	50	1.8	0.55	80	60 0.5 B8B H			
1U4GE	366 454 020	G1	1.4	0	90	50	1.8	0.55	80	60 0.5 B8B H			
1L384	365 004 020	G1	1.4	9	90	90	5	0.9	80	75 0.9 B8B P			
1L386	365 004 020	G1	1.4	0	90	75	1.2	0.4	80	75 B8B H			
1L388	276 554 430	G1	1.4	0	90	75	1.2	0.4	80	75 B8B H			

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC PETER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			TYPE
				Msg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
												Base mA/V	
024	007 060 010		5	250	58	30d	No Data Available	A08	CCR				
00A	364 200 000		5	0	40	1.0	0.66	No Data Available	UK4 T				
01	364 200 000		5	0	40	1.5	0.66	No Data Available	UK4 T				
01A	364 200 000		5	4.5	90	2.5	0.8	80	UK4 T				
01A	364 200 000		5	9	150	3	0.8	80	0.7 UK4 T				
01A4	364 200 000		5	4.5	90	3.2	0.9	90	0.8 UK4 T				
01B	364 200 000		5	4.5	90	2.5	0.72	90	0.8 UK4 T				
0AP90	653 420 000		0.6	1.1	20	0.05	0.1	No Data Available	B5A P				
05AV	642 310 000		4	100	100	4	100	4	B5 T				
084	642 300 000		4	2.0	150	4.0	1.4	125	1.4 B4 T				
1	281 000 000		6	60	60	20mA	UK4 R						
1A3	281 008 300		2-4	3	150	75	2.2	0.6	100	75 0.6 UK4 P			
1A4	365 200 000	G1	2	3	150	75	2.2	0.6	100	75 0.6 UK4 P			
1A4E	365 200 000	G1	2	3	90	75	2.2	0.7	80	75 0.7 UK4 P			
1A4P	365 200 000	G1	2	3	90	75	2.2	0.7	80	75 0.7 UK4 P			
1A4T	265 300 000	G1	2	3	150	75	2.2	0.6	100	75 0.6 UK4 P			
1A5	036 510 200	G1	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 UKS P			
1A7	892 300 000	G1	4	0	90	90	60	0.4	80	20mA B8B H			
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	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	44 23 050		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				
1A87	652 430 000		1.2	1.6	90	90	5.7	2.3	80	75 2.0 B5A P			
1A85	44 23 050		1.2	3.0	60	60	1.85	0.73	60	60 0.7 B8D P			
1A84	265 024 300		1.2	0	90	90	3.5	1.55	90	80 1.5 BTG P			
1A85	642 453 000		1.2	4.0	40	40	0.9	0.2	No Data Available	B5A P			
1A84	265 024 300		1.4	0	90	90	1.65	0.95	80	90 0.9 BTG P			
1A85	208 564 300		1.4	0	90	90	1.1	0.6	80	90 0.6 BTG DP			
1A873	208 564 300		1.4	0	60	60	1.6	0.5	No Data Available	BTG DP			
1A874	208 564 300		1.2	3.6	40	40	2.4	1	No Data Available	B5A P			
1A85	658 243 000		1.2	2	40	40	0.2	0.2	No Data Available	B5A DP			
1A84	652 453 000		1.2	40	40	0.7	0.7	No Data Available	B5A P				
1A85	208 564 300		1.4	1.5	60	60	0.17	0.17	60	60 0.1 BTG DP			
1A85	265 124 300		1.4	0.8	75	75	1.4	0.65	80	75 0.7 BTG P			
1A84	268 510 300		1.2	0	40	40	1	0.4	No Data Available	B5A DP			
1A84	652 450 000		1.2	0	40	40	0.7	0.7	No Data Available	B5A DP			
1A84	365 004 020		1.4	4.5	90	90	4	0.8	80	75 0.8 B8B P			
1A84	265 024 300		1.4	0	90	60	2.4	0.3	80	60 0.2 BTG P			
1A85	265 224 300		1.4	0	90	60	1.0	0.7	80	75 0.8 BTG P			
1A85	266 424 300		1.4	0	90	60	0.9	0.5	No Data Available	BTG H			
1A85	208 564 300		1.4	0	90	60	0.9	0.5	No Data Available	BTG DP			
1A84	265 024 300		1.4	0	90	90	1.6	0.85	100	90 BTG P			
1A85	265 804 300		1.4	60	60	0.9	0.5	No Data Available	BTG DP				
1A85	030 000 200	D1	1.2	0	150	2	100	100	A08 TT				
1A82	230 232 032	D1	1.4	0	150	2	100	100	A08 TT				
1B3	020 000 300	D1	1.2	0	150	2	100	100	A08 TT				
1B4	365 200 000	G1	2	3	200	60	1.7	0.6	100	60 0.6 UK4 P			
1B4P	365 200 000	G1	2	3	150	75	1.7	0.6	100	60 0.6 UK4 P			
1B4T(1)	265 300 000	G1	2	3	150	75	1.7	0.6	100	60 0.6 UK4 P			
1B5	268 943 000	G1	2	3	150	0.8	0.57	100	0.5 UKS DDT				
1B5L	368 942 000	G1	2	3	100	0.8	0.5	100	0.5 UKS D				

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE	
				Max Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	Screen Volts		
													BASE
3B77	141 230 651		3.2	1.8	250	75	8	5.7	100	75	100	75	B9A P
3B76	412 365 100		3	1.0	150	125	14	8	200	150	6	150	B7G P
3C2	020 *3* 2*0		1.5	5.2	90	90	5.0	1.4	80	75	0.7	80	A08 D
3C4	365 *24 300		1.4	9	90	90	6	1.4	80	75	1.4	80	A08 P
3C5	036 540 320		1.4	0	90	90	4.5	1.3	80	1.3	80	BBD TT	
3C6	206 447 320		1.4	0	90	90	4.5	1.3	80	1.3	80	UX4 T	
3C24	200 300 000	A1 G1	6.3	3	400	150	4.5	1.2	100	100	150	6	B7G P
3C36	412 365 100		3	2.2	200	150	9.5	6.2	100	150	6.0	150	B7G P
3C86	412 365 100		3	1.0	150	125	13	8.0	100	150	6.0	150	B7G P
3C85	412 365 100		3.1	2.1	200	150	9.5	6.2	100	100	100	100	B7G P
3C85	402 365 100		3.1	1.0	150	125	11	7.6	100	100	100	100	B7G P
3C85	412 365 100		3	1.0	150	125	12	7.8	100	100	100	100	B7G P
3C86	412 365 100		3	1.0	150	125	10	1.1	100	100	80	8	B7G H
3C85	412 365 100		2.9	1.0	150	75	10	9	100	80	8	8	B7G H
3C85	365 004 230		1.4	4.5	150	90	10.2	2.4	100	75	2.4	88B P	
3D21A	390 504 210	A1	6.3	30	400	300	12.5	5.5	No Data Available	A08 P			
3D21B	414 234 464		2.6	2.6	150	125	14	14	REC	30mA A08 RR			
3D24	111 080 900		3.3	0.9	150	125	12	9.8	100	100	9.5	B7G P	
3D24	412 365 100		3.1	0.9	150	125	12	9.8	100	100	9.5	B7G P	
3D24	412 365 100		2.6	2.6	150	125	12	14	No Data Available	B9A T			
3D76	414 234 464		3	2.2	150	100	1.1	0.8	150	100	2.0	B7G P	
3D85	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	
3E45	402 365 100		3	4	200	90	10	8	100	100	100	100	B7G P
3E47	141 230 651		3.4	2.5	200	90	12	12.5	No Data Available	B9A P			
3E47	141 230 510		3.4	2.5	200	200	10	15	No Data Available	B9A P			
3E45	142 360 100		3.6	1.2	250	100	10	10.5	100	100	100	100	B7G T
3E55	142 360 100		3	1	200	150	15	9.5	100	100	80	80	B7G T
3E55	245 454 300		2.9	2.9	150	75	11.5	8.5	100	100	100	100	B7G T
3E55	142 360 100		2.8	1.2	150	11.5	11	11	100	100	100	100	B7G T
3E5A	142 360 100		2.8	1.2	150	11.5	12	12	No Data Available	B7G T			
3E55	412 365 100		2.9	0.2	300	150	9	10	No Data Available	B7G P			
3E55	142 360 100		3.1	1	150	10	13	13	No Data Available	B7G T			
3E10	892 300 000		2.5	2.5	300	30	30	30	REC	15mA B4 RR			
3E10	892 300 000		2.5	2.5	300	30	30	30	REC	15mA B4 RR			
3E85	142 360 100		2.8	1	150	11.5	15	15	No Data Available	B7G T			
3E88	156 231 471		3.1	1.2	100	75	2	1.2	100	75	100	75	B9A PP
3E88	157 231 461		3.1	1.2	100	75	2	1.2	100	75	100	75	B9A PP
3E88	265 436 200		1.4	8.7	150	90	14.2	2.1	100	90	100	90	B7G P
3E35	265 243 200		1.4	1.4	150	125	18.5	18.5	100	100	100	100	B7G P
3E24	365 004 230		1.4	9	90	90	1.8	1.6	80	75	1.6	A08 P	
3E24	365 004 230		1.4	4.5	90	90	8	2	80	75	2	88B P	
3E4	364 526 300		1.4	5	90	90	6.9	1.97	80	75	1.9	B7G P	
3E5	036 540 320		1.4	4.6	90	90	9	2	80	75	2	A08 P	
3E4	364 526 300		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G P	
3E4	365 024 300		1.4	4.5	90	90	7.7	2	80	75	2	B7G P	
3E4	364 526 300		1.4	7	90	60	7.4	1.4	80	60	1.4	B7G P	
3E4	036 540 320		1.4	1.4	90	90	1.4	1.4	80	75	1.4	A08 P	
3E4	264 536 200		1.4	5.2	90	90	6.8	1.7	80	75	1.5	B7G P	
3E4	264 536 200		1.4	5.4	60	300	5	1.2	80	60	60	60	B7G P
3E6A1	023 104 560		6.3	400	300	300	2	2	No Data Available	B8 P			
3E4	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	150	0.9	B4 T		
4/100BU	892 300 000		4	1.5	90	120	1.2	0.9	80	30mA B4 RR			
4A6G	026 447 230		2	2	100	100	1.4	1.2	100	0.9	A08 TT		
4A07	642 300 000		4	2	100	100	6	2.4	100	1.2	B4 T		
4A08R	642 300 000		4	2.5	100	6	2.4	100	100	1.8	B4 T		
4A10	642 300 000		4	1.8	150	6	2.2	100	100	2.2	B4 T		
4A80	642 310 000		4	2.0	6	2.4	100	100	100	2	B5 T		
4A80R	642 310 000		4	2.0	6	2.4	100	100	100	2	B5 T		
4A80	642 310 000		4	2.0	6	2.4	100	100	100	2	B5 T		
4A80R	642 310 000		4	2.0	6	2.4	100	100	100	2	B5 T		
4A16	412 365 100		4.2	1	250	150	10	5.2	100	60	5.2	B7G P	
4A16	412 365 100		4.2	1	250	150	10	5.2	100	60	5.2	B7G P	
4A16	412 365 100		4.2	1.3	250	150	7.5	5.7	100	100	4.4	B7G P	
4A16	412 365 100		4.2	1.3	250	150	7.5	5.7	100	100	4.4	B7G P	
4A16	412 365 100		4.2	1.3	250	150	7.5	5.7	100	100	4.4	B7G P	
4BPC	741 276 410		4.2	2.2	150	10	6.2	150	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			TYPE	
				Max Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	Screen Volts		
													BASE
2E2	026 500 300	G1	2	2	100	100	2.5	0.9	100	100	0.9	A08 P	
2E3	265 243 200		1.4	7	60	60	7	1.5	60	60	60	60	B7G P
2E3	264 536 200		1.4	8.4	150	90	14.1	1.9	100	80	80	80	B7G P
2E35	265 243 200		1.2	7	150	60	7	1.5	60	60	60	60	B7G P
2E35	265 243 200		1.2	8.8	150	90	14.2	2.1	100	100	100	100	B7G P
2E24	264 536 200		1.2	3.5	60	60	3.7	1.1	80	60	60	60	B7G P
2P-01C	2** *** 300	D1	5	22	250	40	7	100	100	100	100	100	B7G P
2S	289 130 000		2.5	2	150	15	15	10mA	UX5 RR	7	B4 T		
2S/140G	208 130 800		6.3	6.3	100	5	2.4	100	100	100	100	100	B7G R
2S010	642 310 000		2.5	2.5	100	75	18	7	REC	5mA B7G T			
2E4	112 311 100	D1	4	2.7	75	18	7	REC	5mA B7G T				
2E7/270K	642 300 000		2	2	150	2	0.6	125	0.6	B4 T			
2E14	642 300 000		2	2	150	2	0.6	125	0.6	B4 T			
2E15	642 300 000		2	2	150	2	0.6	125	0.6	B4 T			
2E2	020 000 01*	D1	2.5	2.5	100	4	0.8	100	0.8	B4 T			
2E3	020 000 03*	D1	2.5	2.5	100	4	0.8	100	0.8	B4 T			
2E3	020 800 030	D1	2.5	2.5	100	60	20mA	A08 R					
2E2	300 200 000	D1	2.5	2.5	100	60	20mA	UX4 R					
2E2A	020 800 030	D1	2.5	2.5	100	120	30mA	A08 R					
2E3	642 300 000	D1	2.5	3.6	300	90	7	100	7	B4 T			
2E2	280 300 000	D1	2.5	2.5	100	60	20mA	UX4 R					
2-509	642 300 000		2.5	4	250	8	2.2	100	100	100	100	B4 T	
3	642 300 000		2	7.5	150	3.4	0.9	100	0.9	B4 T			
3A2	230 232 032	D1	3	3	365	426	300	13.3	1.9	100	75	1.9	B7G TT
3A3	*2* 0*0 3*0	D1	3	8.4	150	90	13.3	1.9	100	75	1.9	B7G TT	
3A4	264 347 200		1.4	2.5	90	3.7	1.8	80	1.8	80	1.8	B7G TT	
3A8	237 546 380	G1	1.4	0	90	0.2	0.3	80	0.3	A08 DTF			
3A/107A	264 300 000		1.4	8	150	6.5	1.6	100	1.6	B4 T			
3A/107B	642 300 000		4	8	150	6.5	1.6	100	1.6	B4 T			
3A/108A	264 300 000		2	1.5	150	0.9	0.5	100	0.5	UX4 T			
3A/108B	642 300 000		2	1.5	150	0.9	0.5	100	0.5	UX4 T			
3A/109A	264 300 000		4	8	150	19	1.2	100	1.2	UX4 T			
3A/109B	642 300 000		4	8	150	19	1.2	100	1.2	UX4 T			
3A/154H	260 0*+ 130		6	2	250	12	3	100	3	B8B T			
3A/167M	2*0 61* 430		6.3	3.5	200	10	30	No Data Available	B8C T				
3AB4	602 304 100		3.1	2	250	10	5.5	100	5.5	100	100	B7G T	
3AB4	365 004 230		1.4	9	90	1.8	1.6	80	75	1.6	A08 P		
3AB4	642 314 600		3	4	100	15	2.3	100	60	2.3	B9A TH		
3A8	541 237 464		3.1	3	2	250	100	6.5	2.4	150	100	2.4	B7G DD
3AL5	192 310 800		3	3	2	250	100	6.5	2.4	150	100	2.4	B7G DD
3AT4A	602 304 100		3.1	1	200	11.5	6.7	100	5	100	150	5	B7G P
3A06	412 365 100		3	3	1.0	250	150	5.2	100	150	5	B7G P	
3A85	412 366 600		3.1	2	250	1.2	1.6	200	1.6	B7G DDT			
3A85	412 366 600		3.1	2	250	1.2	1.6	200	1.6	B7G DDT			
3A85	412 366 600												

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					TYPE			
				Neg. Grid Volt	Anode Screen Volt	Is mA	mA/V	Anode Volt		Screen Volt	BASE	
11B7	265 104 130		1-4	3	40	40	1	0-3	No Data Available	A0E P		
11C5	265 124 020		1-4	0	90	50	3	1.15	80	60	0.7	B8B P
11C6	266 454 030		1-4	0	90	50	3	0.55	80	60	0.5	B8B H
11E5	265 804 020		1-4	0	90	50	0.6	0.57	80	60	0.5	B8B DP
11E3	350 074 020		1-4	3	90	50	1.4	0.76	80	60	0.76	B8B T
11E2	266 004 020		1-4	3	90	90	1.4	0.76	80	90	0.7	B8B T
11G5	265 124 020		1-4	0	90	90	3.7	1.15	80	90	1.1	B8B DP
11H4	266 804 020		1-4	0	90	90	0.15	0.27	80	90	0.15	B8B DP
11J5	265 124 020		1-4	0	90	90	1.6	0.8	80	90	0.15	B8B DP
11K5	036 500 200	G1	2	150	75	2.5	1	150	75	1	A0E P	
11M5E	365 124 020		1-4	0	90	90	1.6	0.8	80	90	0.8	B8B P
11N2	365 *** 3*0	D1	1.2	4	75	5	1.2	80	D	D	B8B D	
11N5	036 500 200	G1	1.4	4.5	90	90	1.2	0.7	80	75	0.7	A0E P
11N6	036 548 200	G1	1.4	4.5	90	90	3.4	0.8	80	75	0.8	A0E DP
11N31	802 208 300		5	15	15	15	15	15	REC	10mA	B7C R	
11P1	365 024 300		1-4	5.2	90	90	5.0	1.4	80	75	1.4	B7G P
11P5	036 500 200	G1	1.4	7	90	75	7.4	1.57	80	60	1.5	B7G P
11F10	264 536 300		1-4	7	90	75	7.2	1.6	100	75	0.6	B7G DP
11F11	365 024 300		1-4	4.5	90	90	9.5	2.15	80	75	2.2	A0E P
11Q5	036 540 200		1-4	4.5	90	90	9.5	2.2	80	75	2.2	A0E P
11Q6	040 238 650		1-25	0	60	60	1.6	0.6	No Data Available	B8D DP		
11R4	026 510 300	G1	1-4	1.4	90	90	1.2	0.7	80	90	0.7	A0E P
11R5	266 824 300		1-4	4	75	5	1.2	80	D	D	B8B D	
11R6	230 232 032	D1	1.2	4	75	5	1.2	80	D	D	B7G H	
11S2A	32* 323 *23	D1	1-4	7	90	75	7.4	1.57	80	60	1.5	B7G P
11S4	264 526 300		1-4	7	90	75	7.2	1.6	100	75	0.6	B7G DP
11S4T	264 546 300		1-4	0	90	75	1.6	0.62	80	75	0.6	B7G DP
11S5	208 564 300		1-4	0	90	75	1.6	0.62	80	75	0.6	B7G DP
11S5T	2*8 564 300		1-4	0	90	75	1.6	0.5	75	60	0.6	B7G DP
11S6	604 238 090		1-2	0	60	60	1.6	0.6	No Data Available	B8D DP		
11S6G	021 405 360		1-4	0	90	75	2.45	0.97	80	75	0.9	A0E P
11S86	036 580 240		1-4	0	90	75	1.45	0.66	80	75	0.6	A0E DP
11T	036 500 320	G1	1-4	4.5	90	90	0.9	2.1	80	75	2.1	A0E P
11T2	123 000 000	D1	1-4	0	150	75	2.5	1	150	75	1	UX4 P
11T4	365 200 000		2	0	150	75	3.5	0.9	80	75	0.9	B7G P
11T4	265 024 300		1-4	0	90	75	3.5	0.9	80	75	0.9	B7G P
11T4T	265 024 300		1-4	6	90	75	6.5	1.15	80	75	1.1	A0E P
11T5	036 540 200		1-4	0	90	60	1.6	0.6	No Data Available	B8D DP		
11T6	604 238 090		1-2	0	60	60	1.6	0.6	No Data Available	B8D DP		
11U4	265 024 300		1-4	0	90	75	0.8	0.68	80	90	0.9	B7G P
11U5	265 804 300		1-4	0	75	75	1.6	0.62	80	75	0.6	B7G DP
11U6	266 541 300		1-4	0	75	50	1.7	0.3	REC	20mA	UX4 R	
11V	281 300 600		6	0.625	60	60	60	60	D	D	B8B	
11V2	8** 230 *8		0.625	0	150	100	1.6	0.75	125	100	0.75	B7G P
11V4	260 *24 300		1-25	4.5	60	60	2	0.75	No Data Available	B7C P		
11V5	**4* 23* 650		1-2	4.5	60	60	2	0.75	No Data Available	B7C P		
11V4	892 300 000		4	90	90	30	5	0.92	80	75	0.9	B7G P
11V4	265 004 300		1-4	9	90	60	1.8	0.73	No Data Available	B8A P		
11V5	040 230 650		1-25	0	60	60	1.8	0.73	No Data Available	B8A P		
11V50	842 300 000		1-0	0	150	100	1.6	0.75	No Data Available	B7C P		
11X2	230 232 032	D1	1-2	0	150	100	1.6	0.75	No Data Available	B7C P		
11X2B	2* *** *3	D1	1-2	0	150	100	1.6	0.75	No Data Available	B7C P		
11Z2	200 300 000		1-4	0	90	75	3.5	0.9	80	75	0.9	B7G P
11Z2S	200 300 000		1-4	0	90	75	3.5	0.9	80	75	0.9	B7G P
11Z3	232 232 300		1-4	0	90	75	3.5	0.9	80	75	0.9	B7G P
11Z3T	232 232 300		1-4	0	90	75	3.5	0.9	80	75	0.9	B7G P
2/25A	200 300 000	D1	6	4	150	30	1.5	REC	10mA	UX4 R		
2/50A	200 300 000	D1	5	60	60	60	60	REC	20mA	UX4 R		
2A1H	026 546 300	G1	2.5	2	250	75	2.2	5.2	100	80	5.2	UX4 H
2A3	264 300 000		2.5	45	250	60	40	5.25	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	40	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	150	1.1	UX6 DDT
2A6S	269 813 000	G1	2.5	2	250	0.9	1.1	150	1.1	150	1.1	UX6 DDT
2A7	265 541 300	G1	2.5	8	250	100	3.5	6.6	80	100	6.0	B7C T
2A8A	642 314 600		2.5	4.0	100	15	1.1	150	1.1	150	1.1	S67 H
2B3	*20 000 *30	D1	1-7	0	150	100	1.6	0.75	No Data Available	B7C P		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					TYPE			
				Neg. Grid Volt	Anode Screen Volt	Is mA	mA/V	Anode Volt		Screen Volt	BASE	
2B5	267 413 000		2-5	1	300	9	2.6	1.1	No Data Available	UX6 TT		
2B5	634 224 370		2-5	3	250	125	9	1.1	80	100	1.1	UX4 TT
2B7	265 891 300	G1	2-5	3	250	100	6	1	100	100	1.1	UX7 DP
2B7S	265 891 300	G1	2-5	3	250	100	6	1	100	100	1	UX7 DP
2B21	300 200 000	D1	2-5	3	250	100	6	1	D	D	UX4 R	
2B22	021 010 310	D1	6	6	200	800	300	300	D	D	A0E D	
2B25	200 800 300		1-4	1.4	90	90	1.4	0.76	D	D	B8B D	
2B26	280 300 000		2-5	6	120	120	120	120	REC	30mA	UX4 R	
2B35	123 000 000	D1	6	4	120	120	120	120	D	D	UX4 R	
2B36	123 000 000	D1	4	4	120	120	120	120	D	D	B36 D	
2B4A	142 361 400		2	1.5	150	9	6.8	100	7	7	B7G T	
2B4A	142 361 400		2	1.5	150	9	6.8	100	7	7	B7G T	
2C21	217 461 300	G1	6	16.5	250	8.3	100	1.3	100	1.3	UX7 TT	
2C22	020 000 310	A1 G1	6	10.5	300	11	3	100	3	100	A0E T	
2C23	264 300 000		7-5	32	350	16	1.55	100	1.5	100	UX4 T	
2C35	264 300 000		7	100	350	50	50	No Data Available	UX4 T			
2C36	020 000 310	A1 G1	6	15	350	16	100	100	100	100	A0E T	
2C36A	020 000 310	A1 G1	6	15	350	16	100	100	100	100	A0E T	
2C40	*21 010 310	A1 G1	6	5	250	20	20	20	100	100	A0E T	
2C43	*21 010 310	A1 G1	6.3	4	400	38	100	100	100	100	A0E T	
2C45	364 200 000		7	40	250	28	100	100	100	100	UX4 T	
2C48	265 004 130		6	15	250	250	70	100	100	100	B8B P	
2C50	461 471 230		12.6	12	200	18	2.9	100	100	100	A0E TT	
2C50	265 004 130		12	15	250	250	70	100	100	100	B8B P	
2C51	214 607 413		6	2	150	8.2	5.5	125	5.5	125	B9A TT	
2C51L	214 607 413		6	2	150	8.2	5.5	100	5.5	100	B9A TT	
2C52	461 471 230		12.5	2	250	1.3	1.9	200	1.9	200	A0E TT	
2C75	412 365 100		2-5	1	150	80	10	8	125	75	8	B7G P
2D1	289 130 000		2.5	2	250	250	70	100	D	D	UX5 DP	
2D1	892 310 000		2	2.5	250	250	70	100	D	D	B5 DP	
2D4	892 310 000		4	4	250	250	70	100	D	D	B5 DP	
2D4A	892 310 000		4	4	250	250	70	100	D	D	B5 DP	
2D4B	091 231 800		4	4	250	250	70	100	D	D	B7 DP	
2D13	023 180 000	D2	13	13	250	250	70	100	D	D	B5 DP	
2D13A	823 190 000		13	13	250	250	70	100	D	D	B5 DP	
2D13C	892 310 000		13	13	250	250	70	100	D	D	B5 DP	
2D21	412 316 100		6	400	50	640	No Data Available	B7G DDT				
2D4A	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	100	UX5 P	
2E24	235 242 300	A1	3	18.5	400	200	16	3.2	200	3.2	A0E P	
2E25	020 540 320		6	22.5	400	250	40	No Data Available	A0E P			
2E26	125 141 300	A1	6	20	200	200	20	3.5	100	75	3.5	A0E 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		
2E33	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	B5A P		
2E42	658 243 000		1-25	0	20	20	0.35	0.37	No Data			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER				TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen mA/V	Anode Volts	Screen Volts	BASE		
6AV5	208 190 310		6	1.8	250 150	30	5	100	REC	15mA	A08 RR			
6AV6	412 365 100		6	0	100	1,4	1,2	100		1,2	A08 IDT			
6AV7	149 816 230		6	2	200 150	4	4	100		60 4	B9A TP			
6AV8	146 231 457		6	3	200 150	11	9	100		30mA	B9A R			
6AX2	23* 232 *32	D1	6			120		REC						
6AX4	001 080 230		6			120		REC						
6AX5	020 080 310		6			120		REC						
6AX6	028 190 310		6			120		REC						
6AX7	641 227 413		3	2	250	1,2	1,6	100		60 8	B9A TP			
6AX8	546 237 114		6	1,2	250 100 10	18	8,5	100		100 100				
6AXJ3B	*8* 23* 8*1		5			180		REC		60mA	B9D R			
6AXJ3	*8* 23* 810		6			120		REC		30mA	B9A R			
6AXJ5	023 540 310	A1	6	12,5	250 250	4,1	4,1	150		150 4	A08 IDP			
6AXT8	026 589 310	G1	6	5	250 100 52	9,5	9,5	100		90 9	A08 IDP			
6AZ5	810 230 190		6					D						
6AZ6	083 113 900		6	6	200	13	3,3	100		60 3	B9A ID			
6AZ8	751 324 164		6	2,3	200 150 9,5	6		D		100 6	B9A TP			
6B3	080 230 808	C	6	45	250 60	5,2		100		5	A08 T			
6B4	036 040 200		6	45	250 60	5,2		100		5	A08 T			
6B6	026 890 310	G1	6	2	250	0,9	1,1	100		100	A08 IDT			
6B7	265 891 300	G1	6	3	250 150	9	1,1	100		100	Sm7 IDP			
6B7E	265 891 300	G1	6	3	250 150	9	1,1	100		100	Sm7 IDP			
6B7S	265 891 300	G1	6	3	250 150	9	1,1	100		100	Sm7 IDP			
6B8	026 985 310	G1	6	3	250 150	9	1,1	100		100	A08 IDT			
6B8G	026 985 310	G1	6	3	250 150	9	1,1	100		100	A08 IDT			
6B8H	026 985 310	G1	6	3	250 150	9	1,1	100		100	A08 IDT			
6B11	276 454 130		6,3			150 125	5	2,3		60 2,3	B9A TH			
6B31	821 013 900		6,3			150 125	5	2,3		60 2,3	B9A TH			
6B32	182 311 900		6,3			150 125	5	2,3		60 2,3	B9A TH			
6B4J	*8* 23* 8*1		6,3			180		REC		35mA	B9A R			
6B4S	402 063 510		6	2	100 100	5,5	2,1	100		100	A08 P			
6B4T	412 365 100		6	1	250 100	11	4,4	100		100	4,4 BTG P			
6B4V	412 365 100		6	2	100	18	7,0	100		60 5	B9A H			
6B4W	641 231 106		6	2	100	18	7,0	100		60 5	B9A H			
6B4X	146 231 457		6	2,5	200 150 13	9	2,7	100		100 9	B9A TP			
6B4A	146 231 457		6	8	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6A	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6B	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6C	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6D	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6E	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6F	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6G	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6H	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6I	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6J	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6K	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6L	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6M	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6N	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6O	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6P	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6Q	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6R	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6S	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6T	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6U	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6V	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6W	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6X	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6Y	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B6Z	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7A	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7B	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7C	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7D	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7E	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7F	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7G	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7H	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7I	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7J	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7K	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7L	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7M	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7N	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7O	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7P	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7Q	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7R	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7S	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7T	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7U	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7V	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7W	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7X	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7Y	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B7Z	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B8A	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B8B	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B8C	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B8D	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B8E	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B8F	146 231 457		6	2,5	200 150 13	9	2,7	100		60 2,5	B9A TP			
6B8G	146 231 457		6	2,5	200 150 13	9	2,7	100						

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	Anode Volts	Screen Volts	
6016	645 237 114		6	2	100	175	14	5	100	100	60	60	B9A TT	
6031	027 546 310	G1	6	4	100	100	7	3.4	100	100	60	5	A08 TT	
6031	412 344 600		6.3	3	250	100	5	2.8	100	100	60	3.1	A08 TT	
6031	814 231 400		6	1.5	150			12	No Data Available	REC	20mA		B9A RR	
6031	142 345 600		6	4.5	150	125	36	9.2	125	125	9.2		B7G P	
6031	126 540 310		6	14.5	250	250	57	8.5	100	100	9		A08 P	
6036	412 365 100		6	2	150	125	13	8	100	150	6		B7G P	
6036	412 365 100		6.3	2	200	150	9.5	6.2	100	100	3		B7G P	
6031	461 471 230		6.3	9	250	200	6	2.2	100	100	4		B7G TT	
6031	672 344 100		6.3	30	200	175	75	7.7	100	100	7		A08 P	
60240	641 237 410		6.3	8.5	250		10.5	2.2	100		3		B9A TT	
60241	741 236 410		6.3	1.5	250		2.3		100		5.5		B9A TT	
60342	214 607 415		6.3	2	150		5.2		100		5		B9A TT	
60343	641 237 410		6.3	2.3	250		10	7.9	100		100		A08 TT	
6036	021 040 350	A1	6	30	200	175	75	7.7	100	100	7		A08 P	
6035	412 365 100		6	1	200	125	11	7.6	125	125	7.6		B7G P	
6035	402 365 100		6.3	1	200	125	11	7.6	100	150	6		B7G P	
6035	412 365 100		6	1	200	125	12	7.8	100	150	6		B7G P	
6038	501 236 014		6	8	250	150	9	1.85	100	100	2		B7G P	
6036	412 365 100		6	8	250	150	9	2	100	100			B7G P	
6037	641 237 410		6	8	250		9.5	2.6	100		3		B9A TT	
6038	461 237 514		6	2	250	150	7.7	4.6	100	150	4		B9A TT	
6038	461 237 514		6	2	250	150	7.7	4.6	100	100			B9A TT	
6038	461 237 514		6	4.5	250	250	40	11	100	150	9		B9A TT	
6038	741 236 410		6	2.2	150		10	6.8	150	60	8		B9A TT	
6038	175 321 446		6	2.2	200	150	9.5	6.3	100	150	5		B9A TT	
6038	541 237 464		6.3	2	250	100	10	3.2	100	100			B9A TH	
6038	260 054 130		6	2.5	250	200	45	6.2	No Data Available	REC	20mA		B9A P	
6038	041 230 651		6	28	250	250	36	10	100	150	8		B8A P	
6038	261 054 130		6	5.5	250	250	36	10	100	150	9		B9A P	
6036	541 231 600		6	5.5	250	250	36	10	100	150	9		B9A P	
6035	531 441 350	A1	6.3	40	150	150	80	6.3	100	100	A08 P		A08 P	
6035	145 236 154		6	0.8	150	125	15	8	100	60	8		B9A TT	
6038	461 237 514		6	0.8	150	125	12	8	100	100	5		B9A TT	
6038	461 237 514		6	1	150	125	12	5.8	100	100	5		B9A TT	
6034	641 234 146		6	1	200	12	14	No Data Available	REC	14.3			B9A T	
6036	504 234 106		6	12.5	250	250	45	4.1	100	100	4		B9A P	
6037	701 236 441		6	7	200		5	2	100	60	2.8		B9A TT	
6038	641 237 514		6	8	250		20	4.4	100	100	4.7		B9A TT	
6036	120 540 310		6.3	18	350	250	66	6.2	No Data Available	REC	14.3		A08 P	
6037	981 331 462		3	3	250		180	1.2	100		1.3		B7G IDT	
6034	*1 080 230		6.3	6.3					REC	30mA			A08 R	
6036	412 361 500		6	0.8	150	125	12	8	100	150	2.5		B7G P	
6038	645 237 114		6	1	150	125	12	5.8	125	125	5.8		B9A TT	
6038	645 237 114		6	0.8	150	125	12	5.8	125	125	5.8		B9A TT	
6038	645 237 114		6	1	150	125	12	5.8	125	125	5.8		B9A TT	
6038	414 464 234		6.3	1	190		16	6	No Data Available	REC			B9A T	
6038	154 231 541	A1	6.3	22.5	250	150	65	6	100	100	1.9		B7G IDT	
6038	182 365 400		6	2	150	100	9.5	2	100	60	7		B9A TT	
6038	641 237 514		6	2	150	125	13	7.7	100	100	7		B9A TT	
6035	514 234 146		6	10	200	125	47	8	100	100			B9A P	
6036	412 365 100		6	1	100	30	1	1.1	No Data Available	REC			B7G H	
6037	604 237 411		6	8.5	250		10.5	2.2	100		2		B9A TT	
6038	641 237 514		6	10.6	250		19	4.5	100		4		B9A TT	
6038	641 237 514		6	2	150	125	12	4	100	60	4		B9A TT	
6038	411 231 146		6	0.9	150	125	13	7.7	100	100	7		B9A TT	
6038	268 154 130		6.3	1	150	16	15	No Data Available	REC				B9A TT	
6038	142 345 600		6	8	125	100	7.5	125	100	100	7.5		B8G P	
6038	020 540 310	A1	6	22.5	250	150	57	5.5	100	60	2.8		B8A P	
6037	276 454 130		6	2	100	100	8	2.2	100	60	2.8		B8A TH	
6038	175 231 446		6	2	200	150	13	3.3	100	60	3		B9A TT	
6037	264 089 130		6	3	250		1	1.3	150		1.3		B8A IDT	

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140				DATA FOR LAVO VALVE TESTER				TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ib mA	Ia mA/V	Anode Volts	Screen Volts	mA/V		
													mA/V
6E98	146 231 457		6	2	250	25	2	2.7	100	60	2.5	B9A TP	
6E96	026 540 310		6.3	18	250	25	5	No Data Available	100	60		A08 P	
6E95	142 345 600		6	3.2	100	125	4.2	100	125	100		B7G P	
6E94	412 365 100		6	1	250	100	7.4	4.6	100	150	4	B7G P	
6E93	141 230 651		6.3	2	200	90	12.5	No Data Available	100	60	1.5	B9A P	
6E92			6	1	190	13	7.5		100	60	7.5	B9A TP	
6E91	141 230 651		6.3	2.5	250	100	12	6	100	100	6	B9A P	
6E90	141 230 651		6.3	1.8	200	175	10	8	100	100		B9A P	
6E89	504 234 106		6.3	18	250	250	35	3.4	100	100		B9A P	
6E88	471 461 230		6.3	3	250	1.4	7.2		100	100		A08 TT	
6E87			6.3	20	150	9	3.9	100	100	100		B9A DP	
6E86	141 235 680		6.3	1.2	200	10	10.5	100	100			B7G T	
6E85	142 361 *10		6.3	1	200	15	9.5		100			B7G T	
6E84	142 361 100		6.3	0.7	12	12						B9A P	
6E83	412 365 100		6.3	1.2	90	15	12.5	100				B9A TT	
6E82	641 237 410		6.3	1	12	12	4.8	3	No Data Available	B7G P		B7G P	
6E81	412 365 100		6.3	2	250	150	25	11.5	No Data Available	B9A IDP		B9A IDP	
6E80	189 231 456		6.3	2	250	1.2	1.6	100				B9A TT	
6E79	230 146 741		6.3	17.5	150	45	7.5	100				B9A TT	
6E78	744 236 411		6.3	11	250	30			REC	15mA		B9A RR	
6E77	802 309 100		6.3	2	250	9.2	5.2	100				B9A TT	
6E76	641 237 410		6.3	2	250	9.2	5.2	100		5.0		B9A TT	
6E75	412 365 100		6.3	0.8	150	125	11	14	No Data Available	B7G P		B7G P	
6E74			6.3	17.5	150	45	7.5	100				B9A TT	
6E73	744 236 411		6.3	11	250	30			REC			B9A RR	
6E72	021 040 350	A1	6.3	17.5	250	250	4.4	4.4	No Data Available	A08 P		A08 P	
6E71	026 540 310		6.3	20	250	43	4.1	100	No Data Available	B9A P		B9A P	
6E70	144 127 464		6.3	1	150	200	10	9	100	60	8	B9A P	
6E69	261 514 130		6	1.8	200	200	10	9				B9A P	
6E68			6	2	250	250	0.9	1.5	100	1.5	1.5	A08 T	
6E67	026 540 310		6	16.5	250	34	3.5	2.5	100	150	2.5	A08 P	
6E66	275 641 300		6	3	100	100	6.3	1	100	60	0.5	S4T TP	
6E65			6	3	100	100	6.3	1	100	60	0.5	UX7 TP	
6E64	275 641 300		6	3	100	100	6.3	1	100	60	0.5	UX7 TP	
6E63			6	3	100	100	6.3	1	100	60	0.5	UX7 TP	
6E62	027 756 410		6	3	250	100	2.5	2.6	100	2.6		A08 TT	
6E61	027 756 410		6.3	2	300	150	10	4.4	2.2	100	100	2.2	B9A P
6E60	021 415 360		6	1.8	250	100	4.4	2.2	100	100	2.2	B9A P	
6E59	260 154 130		6	2	250	250	10	7.5	100	150	5	B7G P	
6E58			6	1.5	200	150	4					B7G P	
6E57	412 361 500		6	3	100	100	6.3	1.05	100	100		B7G P	
6E56			6	3	100	100	6.3	1.05	100	100		B7G P	
6E55	027 756 410		6	3	100	100	2.5	0.5	100	60	0.5	UX7 TP	
6E54	027 756 410		6	3	100	100	2.5	0.5	100	60	0.5	UX7 TP	
6E53	027 756 410		6	3	100	100	2.5	0.5	100	60	0.5	UX7 TP	
6E52	021 415 360		6	3	100	100	6.3	1	100	100	1	UX7 TP	
6E51	260 154 130		6	3	100	100	6.3	1	100	100	1	UX7 TP	
6E50			6	3	100	100	6.3	1	100	100	1	UX7 TP	
6E49	026 600 310		6	2	250	250	0.9	1.5	100	1.5	1.5	A08 T	
6E48	026 540 310		6	16.5	250	34	3.5	2.5	100	150	2.5	A08 P	
6E47	275 641 300		6	3	100	100	6.3	1	100	60	0.5	S4T TP	
6E46			6	3	100	100	6.3	1	100	60	0.5	UX7 TP	
6E45	275 641 300		6	3	100	100	6.3	1	100	60	0.5	UX7 TP	
6E44			6	3	100	100	6.3	1	100	60	0.5	UX7 TP	
6E43	027 756 410		6	3	100	100	2.5	0.5	100	60	0.5	UX7 TP	
6E42	027 756 410		6	3	100	100	2.5	0.5	100	60	0.5	UX7 TP	
6E41	021 415 360		6	3	100	100	6.3	1	100	100	1	UX7 TP	
6E40	260 154 130		6	1.8	250	100	4.4	2.2	100	100	2.2	B9A P	
6E39			6	2	250	250	10	7.5	100	150	5	B7G P	
6E38	412 361 500		6	1.5	200	150	4					B7G P	
6E37			6	3	100	100	6.3	1.05	100	100		B7G P	
6E36			6	3	100	100	6.3	1.05	100	100		B7G P	
6E35	027 756 410		6	3	100	100	2.5	0.5	100	60	0.5	UX7 TP	
6E34	027 756 410		6	3	100	100	2.5	0.5	100	60	0.5	UX7 TP	
6E33	021 415 360		6	3	100	100	6.3	1	100	100	1	UX7 TP	
6E32	260 154 130		6	1.8	250	100	4.4	2.2	100	100	2.2	B9A P	
6E31			6	2	250	250	10	7.5	100	150	5	B7G P	
6E30	412 361 500		6	1.5	200	150	4					B7G P	
6E29			6	3	100	100	6.3	1.05	100	100		B7G P	
6E28	141 231 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E27	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E26	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E25	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E24	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E23	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E22	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E21	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E20	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E19	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E18	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E17	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E16	412 361 500		6.3	2	200	175	10	9.2	100	100		B9A P	
6E15			6.3	2	200	175	10	9.2	100	100		B9A P	
6E14	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E13	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E12	412 361 500		6.3	2	200	175	10	9.2	100	100		B9A P	
6E11	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E10	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E09	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E08	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E07	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E06	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E05	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E04	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E03	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E02	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E01	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E00	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E99	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E98	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E97	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E96	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E95	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E94	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E93	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E92	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E91	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E90	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E89	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E88	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E87	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E86	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E85	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E84	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E83	141 230 651		6.3	2	200	175	10	9.2	100	100		B9A P	
6E82	141 230 651		6.3	2	200	175	10	9.2					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AOV VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Screen Volts	Anode Volts	Screen mA/V	BASE	
6677	657 231 414		6.3	1.5 0.6	100 150	14 15	5.5 1.6	100 100	60 5		B9A TP	
6678	641 237 514		6.3	1.5 2.0	100 150	41 7.5	100 100	100 100	60 6		B9A TP	
6679	415 237 146		6.3	1.7 2.9	250 100	175 1.2	100 100	100 100	60 1.5		B9A TP	
6680	412 365 100		6.3	1.5 1.0	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6681	414 236 117		6.3	1.8 2.5	100 100	4.5 2.1	100 100	100 100	60 2		B9A TP	
6682	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6683	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6684	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6685	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6686	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6687	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6688	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6689	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6690	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6691	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6692	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6693	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6694	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6695	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6696	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6697	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6698	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6699	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	
6700	412 365 100		6.3	1.5 2.5	100 100	3.7 3.7	100 100	100 100	60 5		B7G P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AOV VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Screen Volts	Anode Volts	Screen mA/V	BASE	
6701	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6702	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6703	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6704	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6705	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6706	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6707	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6708	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6709	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6710	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6711	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6712	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6713	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6714	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6715	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6716	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6717	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6718	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6719	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			
6720	412 365 100		6.3	2.7 2.7	30 10	2.7 9	2.7 2	No Data Available No Data Available	B7G P			

VALVE	SELECTOR SWITCH No.	T.C.	DATA FOR VALVE CHARACTERISTIC PETER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
			VI	Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Screen Volts	Anode Volts	mA/V	
6A4	230 060		6	2	150	100	30	5.5	100	5	B9A T
6A6	026 500 310	G1	6	3	250	100	7	1.45	100	100	1-4 A08 P
6A7	026 980 310	G1	6	9	250	100	9.5	1.9	100		1-9 A08 DDT
6B8	811 239 146		6	9	250	100	9.5	1.9	100		1-9 B9A DDDT
6B51P	451 231 6*5		6,3	8	250	250	54	11	No Data Available		B9A P
6B42	014 234 006		6,3	31	150	100	80	8.5	No Data Available		B9A P
6A5	606 023 041		6,3	20	100	100	11	No Data Available		B9A T	
6B11	504 234 106		6,3	1	100	100	1	100		B9A TT	
6B10	145 327 864		6,3	2	250	100	2	1.6	100		B9A DTP
6B11	741 236 410		6,3	1	250	100	9	3.5	100		B9A TT
6B12	641 237 410		6,3	3	100	100	16	16	No Data Available		B9A TT
6B13	641 237 410		6,3	2	250	100	12	1.6	100		B9A TT
6B14	145 327 164		6	1	250	100	9	3.5	100		B9A TT
6B15	260 153 041	C	6,3	2.6	150	150	36	13.5	REC		40ma B9A R
6B16	451 231 6*5		6,3	8	250	250	59	11	100		B9A P
6B17	402 106 053		6,3	3	150	150	13	12	No Data Available		B9A P
6B18	541 236 891		6,3	3	150	150	13.5	15	No Data Available		B9A DDP
6B19	026 510 310	G1	6	2	250	100	6.4	2.1	100		100 2.1 A08 P
6B20	230 232 032	D1	6,3						D		B9A R
6B21	**23**	D1	6,3						No Data Available		B9A D
6B22	**23**		6	8	250	100	26	4.5	100		4-5 B9A T
6B23	120 600 350	G1	6	2	250	100	13	4	100		4 A08 P
6B24	426 310 310	G1	6	3	250	100	8.5	1.75	100		1.7 A08 P
6B25	118 16 250	G1	6	2	250	100	0.1	1.1	200		1.1 A08 DDDT
6B26	126 641 310		6	3	3.6	100	12	4.3	100		1.4 A08 H
6B27	026 641 310		6	3	3.6	100	12	4.3	100		1.4 A08 H
6B28	126 541 310		6	1	250	100	3.8	2.7	100		A08 H
6B29	026 400 310		6	2	250	100	7.5	2.7	100		2.7 A08 TT
6B30	074 461 230		6	2	250	100	2	1.3	200		1.3 A08 TT
6B31	021 415 360		6	2	250	100	6	3.6	100		3.6 A08 P
6B32	021 415 360		6	3	250	100	3	1.65	100		1.6 A08 P
6B33	027 546 310	G1	6	3	150	100	5	1.6	100		60 1.6 A08 TH
6B34	027 546 310	G1	6	3	150	100	5	1.6	100		60 1.6 A08 TH
6B35	021 415 360	G1	6	3	250	100	1.3	1.2	100		100 1.2 A08 TH
6B36	021 415 360		6	3	250	100	9.2	2	100		A08 P
6B37	461 471 230		6	2	250	2.3	1.6	150			1.6 A08 TT
6B38	461 471 230		6	8	250	9	2.9	100			2.6 A08 TT
6B39	041 896 230		6	2	250	0.9	1.1	200			1.1 A08 DDDT
6B40	041 896 230		6	9	250	9.5	1.9	100			1.9 A08 DDDT
6B41	021 415 360		6	3	250	100	9	1.85	100		1.8 A08 P
6B42	041 896 230		6	9	250	9.5	1.9	100			1.9 A08 DDDT
6B43	471 645 310		6	2	250	2.3	1.6	200			1.6 A08 TT
6B44	041 896 230		6	1	250	150	7.5	3.4	100		3.5 A08 DDP
6B45	041 896 230		6	3	250	1	1.2	200			1.2 A08 DDDT
6B46	205 413 000	A1	6	12.5	250	250	4.5	4.1	100		150 4 UX6 P
6B47	642 314 600		6	3	75	16	6.6	80			80 B7G T
6B48	642 314 600		6	3	80	18	7	80			80 B7G T
6B49	026 500 310	G1	6	1	250	100	10	5.5	100		5.5 A08 DDDT
6B50	026 540 310	G1	6	3	250	100	1.2	1.2	150		1.3 B9A DDDT
6B51	191 238 146		6	3	250	1	1.2	150			1.3 B9A DDDT
6B52	191 238 146		6	3	250	1	1.2	150			1.3 B9A DDDT
6B53	641 237 410		6	2.3	150	10	6	100			B9A TT
6B54	641 237 410		6	2.3	150	10	6	100			B9A TT
6B55	641 237 410		6	6	150	10	6.8	100			B9A TT
6B56	427 546 310	G1	6	2	100	100	3.7	100			60 A08 TH
6B57	427 546 310	G1	6	2	250	100	3.5	100			100 A08 TH
6B58	651 237 440		6	3	250	100	4	2	100		60 2 B9A TH
6B59	027 546 310	G1	6	2.5	200	90	3	0.7	100		90 B9A TH
6B60	027 546 310	G1	6	7	150	6	1.1	150			60 A08 TH
6B61	205 413 000	A1	6	14.5	250	250	12	6	100		150 6 UX6 P

VALVE	SELECTOR SWITCH No.	T.C.	DATA FOR VALVE CHARACTERISTIC PETER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
			VI	Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Screen Volts	Anode Volts	mA/V	
6A4	141 237 564		6,3	3	250	100	1.4	1.6	100	60	1-6 B9D TP
6A6	641 237 514		6,3	1.0	150	100	39	8.4	100	100	100 7 B9D TP
6A7	274 164 130		6	8.6	200	10	2.8	100			B9A TT
6A8	026 040 310		6	9	250	8	1.9	100			1.9 A08 T
6A9	026 540 310		6	18	350	250	54	5.2	100	150	5.2 A08 P
6A10	026 540 310		6	3	250	100	6.3	1.1	100	100	1.1 A08 H
6A11	120 415 360		6,3	2.3	250	150	10	1.9	100	5	B9A TT
6A12	741 236 410		6	2	250	100	1.2	1.6	100	9	B9A TT
6A13	147 234 116		6,3	1.2	90	15	9	100			B9A TT
6A14	146 234 107		6,3	1.5	90	12	6.2	80			B9A TT
6A15	260 064 130		6	13.3	250	12	5.5	80			7 B8A TT
6A16	274 164 130		6	1.8	200	5	3.1	150			3.1 B8A TT
6A17	412 365 480		6,3	12.5	250	45	4.1	100	100		4.1 B7G P
6A18	412 314 600		6	1.5	250	10	9	150			7 B7G T
6A19	601 235 144		6,3	17.2	250	250	45	7	100	100	B9A P
6A20	145 236 154		6,3	3	300	150	30	11	No Data Available		B9A P
6A21	215 445 113	A1	6,3	12.6	200	70	5	No Data Available			B9A P
6A22	264 098 130	A1	6	25	400	250	30	3.5	100	100	B9A P
6A23	**28 0*0 *30		6	1.9	250		0.85	1.95	150	1.9	B8A DDT
6A24	191 238 146		6,3	1.0	100	0.8	1.45	100			1.4 B9A DDDT
6A25	641 238 096		6	1.9	250	0.85	1.2	100			B9A DDT
6A26	641 238 096		6	1.9	250	0.85	1.2	100			B9A DDT
6A27	541 236 891		19	2	250	100	9	3.6	100		B9A DDP
6A28			6						D		A08 R
6A29	541 236 891		6	7	250	250	36	10	100	10	B9A P
6A30	026 540 310		6	6	250	250	36	9.5	100	150	8 A08 P
6A31	026 510 310	G1	6	2.5	250	125	10.5	3.4	100	100	2.2 A08 P
6A32	026 510 310	G1	6	2.5	250	125	6	2	100	100	2 A08 P
6A33	137 546 280	G1	6	3	100	100	0.5	1.1	100	60	1-1 A08 DTP
6A34	802 380 100		6,3				8	1.3	1.9	100	1.9 A08 B
6A35	102 310 800		6,3						D		5ma B7G B
6A36	412 344 600		6,3						No Data Available		B7G T
6A37	672 344 100		6,3	1	150	14.5	13	5	100	7.5	B7G TT
6A38	642 364 100		6,3	4.5	150	14	5	100			B7G TT
6A39	642 314 600		6,3				17	6.5	100		B7G T
6A40	026 510 310	G1	6	2	250	100	5	2.3	100	100	2.3 A08 P
6A41	412 365 000		6,3	8	250	250	32	5.2	100	100	B7G P
6A42	**21 23* *48		6				180		REC		50ma B9A R
6A43	412 361 400		6	3	200	12	6	150			B7G T
6A44	027 546 310		6	5	250	3	1.6	100			1.6 A08 TT
6A45	027 546 310		6	2.5	250	125	10.5	3.4	100	100	3.2 A08 P
6A46	026 510 310	G1	6	2	250	90	5	2.2	100	90	2.2 B9A DDT
6A47	026 510 310	G1	6	2.5	250	125	10.5	3.4	100	100	3.2 A08 P
6A48	026 540 310		6	8.5	250	250	30	8.8	100	150	8 A08 P
6A49	026 540 310		6,3	68	250	150	10.6	5.2	No Data Available		B7G P
6A50	026 540 310		6	13.5	250	5	1.25	100			A08 T
6A51	215 413 000	A1	6	8	250	150	34	3.5	0.5	100	60 0.5 UX6 P
6A52	023 756 410	G1	6	3	100	100	6.3	1	100	100	1 A08 TP
6A53	027 546 310	G1	6	2.4	100	2.2	100	60	100	75	A08 TH
6A54	412 365 400		6	7.5	250	250	49	7	No Data Available		B9A P
6A55	412 360 500		6	13.5	250	250	16	11.3	100	150	10 B9A P
6A56	026 540 310		6	8.5	250	250	16	8.8	100	100	8 A08 P
6A57	026 540 310		6	8.5	250	250	16	8.8	100	100	8 A08 P
6A58	026 540 310		6,3	8.5	250	250	40	8.8	100	150	8 A08 P
6A59	026 540 310		6	8.5	250	250	36	9.2	100	150	8 A08 P
6A60	026 540 310		6	8.5	250	250	36	9.2	100	150	8 A08 P
6A61	026 540 310		6	1.5	250	15	12	No Data Available			B9A T
6A62	026 540 310		6	3	250	1.2	1.05	150			1.0 A08 DDT
6A63	026 540 310		6	3	250	1.2	1.05	150			1.5 A08 DDT
6A64	541 236 154										

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	I _s mA	mA/V	Anode Volts	Screen Volts	mA/V		
											Base 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	1.1	100	100	1.1	B8B H
7C4	2*0 800 130		6	12.5	250	45	4.1	100	150	4.1	B8B P	
7C5	265 004 130		6	12.5	250	45	4.1	100	150	4.1	B8B P	
7C5LT	265 004 130		6	12.5	250	45	4.1	100	150	4.1	B8B P	
7C6	264 198 130		6	1	250	100	1.3	250	100	1.3	B8B DDT	
7C6A0	146 234 117		7	1.5	90	12	6	80	100	1.3	B8B TT	
7C7	265 114 130		6	3	250	100	2.4	100	100	1.3	B8B TT	
7D3	045 231 600		40	20	150	125	36	2.4	100	100	3.8	BT P
7D5	045 231 600		13	16.5	250	250	34	2.3	100	150	2.3	BT P
7D6	045 231 600		40	6	250	250	32	10	100	100	10	BT P
7D7	276 454 130		6	3	190	100	1.3	0.2	100	60		B8B TH
7D8	045 231 600		13	6	250	250	32	10	100	100	10	BT P
7D9	412 360 500		16	13.5	250	250	36	2.1	100	150	2.6	BTG P
7D9	045 231 600		13	23	250	250	32	1.8	100	150	1.8	BT 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	408	P
7D18	641 237 411		7	1.3	90	15	12.5	No Data Available	B9A	TT		
7E5	426 141 630		6	3	200	100	5.5	3	150	3	B8B T	
7E6	264 *98 130		6	8	250	250	9.5	1.9	100	100	1.9	B8B DDT
7E7	269 854 130		6	3	250	100	7.5	1.3	100	100	1.3	B8B DDT
7E7T	141 230 651		7,3	1.9	200	175	10	100	100	100		B9A P
7E7T	146 234 117		7	1.2	200	15	4	100	100	4	B9A TT	
7E8	641 237 410		7	1.2	90	15	12.5	No Data Available	B9A	TT		
7E16	276 454 130		7.2	17.5	250	250	44	4.4	100	100	100	A08 P
7E7	317 446 300		6	2	250	250	2.3	1.6	200	3.3	B8B TT	
7E8	427 116 340		6	3	250	250	6	3.3	200	3.3	B8B TT	
7E16	261 154 130		6	2.5	250	100	15	2.2	100	100	2.2	B8A P
7E7	146 234 117		7.2	1.2	90	15	12	No Data Available	B9A	TT		
7E7	265 114 130		6	2.5	250	100	4	4.5	100	100	4.6	B8B P
7E8	265 441 730		6	2.5	250	100	4.5	2.1	100	100	2.1	B8B PP
7E8	576 234 141		8	1.2	200	150	10	100	100	100	100	B9A TT
7E8	657 231 414		7.4	3	100	14	5.5	100	60		B9A TP	
7E6	265 114 130		6	2.5	250	100	11	100	150	3.5	B8B P	
7E7	265 114 130		6	2.5	250	100	10	4.2	100	150	4.2	B8B P
7E8	146 234 117		7.9	3	100	14	4.2	100	100	100	B9A TT	
7Z7	276 454 130		6	3	250	100	6.6	1.4	150	60	1.4	B8B TH
7E7	216 498 130		6	2	250	2.3	1.6	200	100	1.6	B8B DDT	
7E7	453 074 300		6	1.5	250	100	4.5	3.1	100	100	3.1	B8B P
7E7	317 446 300		7.5	3	200	175	35	11	No Data Available	B9A	P	
7E7	217 446 130		6	8	250	100	9	2.6	100	2.6	B8B TT	
7E7	266 414 130		6	2	100	15	6	100	4.5	B8B H		
7E1	280 300 000		7.5			60		REC			20mA UX4 R	
7E7	269 854 130		6	1	250	100	6.2	3.4	100	100	3.4	B8B DDT
7E7	276 454 130		6	2	250	100	4.8	1.4	100	60	1.8	B8B TH
7E7	265 104 130		6	2	250	150	10.8	4.9	100	100	2.2	B8B P
7E7	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B P
7E7	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B P
7A6	218 009 130		6	1	250	100	30	1.9	250	1.5	B8B DDT	
7A7	264 189 130		6	1	250	100	30	1.9	250	1.5	B8B DDT	
7A7	208 009 130		6	1	250	100	30	1.9	250	1.5	B8B DDT	
7A7	209 008 130		6	1	250	100	30	1.9	250	1.5	B8B DDT	
8A1	542 310 000		4	1.5	200	75	3.5	4	100	75	4	B5 P
8A1	041 231 500		4	1.5	200	75	3.5	4	100	75	4	BT P
8A2	542 310 000		4	2.1	200	100	3.5	2.4	100	100	2.4	B5 P
8A8	645 237 114		9	2	200	175	10	6.2	100	60	5	B9A TP
8A8	146 231 457		8.5	1.25	150	150	8.5	4.9	100	100	60	5
8A8			8.5	1.5	200	125	16	7	100	100	7	B9A TP
8A9	146 231 457		8.5	1.2	150	150	8.5	4.9	100	100	60	5
8A8	146 231 457		8.4	3	200	150	13	9	100	100	60	4
8A8	146 231 457		8.4	3	200	150	13	9	100	100	60	4
8A8	146 231 457		8.4	1	100	100	1	1.9	100	60	1.9	B9A TP
8A8	414 237 516		8	16	200	200	35	6.4	100	100	6.4	B9A TP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	I _s mA	mA/V	Anode Volts	Screen Volts	mA/V		
											Base 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	8.5	100	60		B9A TP
6TP5	541 327 164		6	68	250	100	10	5.2	100	60		B9A TP
6C3	**1 23* **8		6		200	100	180	2.2	100	100		B9A R
6C4	001 080 230		6		120		30A	A08 R				
6C5	028 090 310		6		200	150	56	6.2	100	100		A08 RR
6C6	026 540 310		6	14	200	150	56	6.2	100	100		A08 P
6C7	026 510 310	G1	6	3	250	100	8	1.5	A08 P			
6C8	645 237 114		6	1	150	100	18	8.5	100	60		B9A TP
6C8	645 237 114		6	1	250	100	18	5.2	150	100		B9A TP
6C8A	645 237 114		6	1	150	100	18	8.5	100	60		B9A TP
6C9A	082 230 898		6		120		30A	A08 RR				
6C9B	891 231 9**		6		200	100	120	1.3	B9A DDT			
6V5	006 540 230		6	12.5	250	250	45	4.1	100	150		A08 P
6V6	026 540 310		6	12.5	250	250	45	4.1	100	150		A08 P
6V7	026 980 310	G1	6	20	250	250	8	1.1	A08 DDT			
6V8	681 234 119		6	3	250		1.2	100	1.3	B9A DDT		
6V9	023 000 000	D1	6				20					B8B R
6V9	**1 23* **8		6				20					B8B R
6V9	001 080 230		6				120					B8B R
6V9	028 090 310		6				60					A08 RR
6V9	026 540 310	G1	6	9.5	150	150	58	8	100	100		A08 P
6V9	026 510 310		6	3	250	100	2	1.2	100	100		A08 P
6V9	266 114 300	D1	6	3.6	100	100	12	4.3	D			B9G H
6V9	023 000 000	D1	6				5					A08 R
6V9	020 000 310	D1	6				30					B7G RR
6V9	028 090 310		6				30					A08 RR
6V9	028 090 310		6				30					A08 RR
6V9	146 231 457		6	1.8	250	150	7.5	5.8	100	60		B9A TP
6V9	146 231 457		6	1.8	150	150	7.7	4.6	100	60		B9A TP
6V9	030 000 200	D1	6				5					A08 R
6V9	208 193 000		6				30					A08 RR
6V9	026 540 310		6	13.5	150	150	58	7	100	100		A08 P
6V9	027 446 310		6	0	250		5.3	1.8	150	1.8		A08 TT
6V9	802 308 001		6				180					A08 RR
6Z3	381 200 000		6				60					UX4 R
6Z4	289 130 000		6				30					UX4 R
6Z5	328 192 000		6				30					UX4 R
6Z6	028 190 310		6				30					UX6 RR
6Z7	026 447 310		6				30					UX6 RR
6Z3	892 998 100		6,3				30					UX4 R
6Z4	006 236 008		6,3				120					BTG RR
6Z5A	264 813 000	C	6	2	250	100	1.5	1.5	100	1.2		B9A R
6Z6	265 413 000		6	9	200	15	1.7	100	100	100		UX6 DT
6Z7	028 090 310		6				15					UX6 P
7A2	045 231 600		4	17	250	250	40	3.2	100	150		A08 RR
7A3	045 231 600		4	6	250	250	32	0	100	100		BT P
7A4	260 0*4 130		6	8	250	100	9	2.6	100	90		BTG P
7A5	265 004 130		6	9	150	125	4	6	100	6		B8B P
7A6	219 008 130		6				5					B8B RR
7A7	265 104 130		6	3	250	100	9.2	2	100	100		B8B P
7A8	266 451 130		6	2	250	100	14	1.4	100	100		B8B P
7A9	526 141 310		6	2	250	100	4	1.8	100	100		B8B P
7A9	412 365 100		6	3	250	100	2.2	1.5	100	100		UX6 P
7A9												

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140				DATA FOR AVO VALVE TESTER				TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Neg. Grid Volts	Anode Screen Volts	Screen mA/V	BASE	
9CL8	461 237 514		9.5	0.75	150	15	8	100	100	7.5	B9A TP	
9D2	061 231 500	61	13	0.1	125	12	5.8	125	150	5	B9A TP	
9D6	412 361 500		6	2.5	250	10.5	10.5	100	100	1.8	B7 P	
9D7	141 230 651		6	1.5	250	10	8.4	100	100	2.5	B7G P	
9DZ8	414 237 516		9	1.5	150	0.8	1.4	100	100	1.4	B9A TP	
9EP6	026 540 310		9.4	18	250	250	5	100	100	100	A08 P	
9EX7	157 236 414		9	200	150	7.6	8.5	100	100	60	B9A TP	
9GB8	641 237 541		9.4	250	250	8	100	100	100	60	B9A TP	
9J6	762 344 100		9	0.85	100	12	8.5	100	100	5.3	B7G TP	
9P9	412 365 400		9	6	250	250	30	7	100	100	B9A TP	
9RA6	140 230 406		9.5	12	250	26	8.5	100	100	100	B9A TP	
9TA	491 238 146		9.5	3	250	1	1.2	100	100	1.3	B9A IDDT	
9T26	641 237 410		9.5	2.3	250	10	6	100	100	6	B9A TP	
9TP4	145 237 614		9.4	68	250	100	10	5.2	100	100	B9A TP	
9UB	645 237 114		9.5	1	150	18	8.5	100	100	60	B9A TP	
9UBA	645 237 114		9.5	1	150	18	8.5	100	100	60	B9A TP	
9XB	146 231 457		9.5	3.5	150	150	6.2	2.1	100	100	B9A TP	
10	264 300 000		7.5	32	250	16	1.55	100	100	1.5	UX4 T	
10B8	414 237 516		10	11.5	150	150	41	7.5	100	60	B9A TP	
10BQ5	041 230 605		10	7.3	250	250	48	11	No Data Available	B9A P		
10C1	276 454 130		28	3.3	100	6	3	100	60	3	B8A TH	
10C2	276 454 130		28	1.5	175	100	3	5	100	60	B8A TP	
10C8	641 237 541		10.5	2.7	250	7.3	4.4	100	60	5	B9A TP	
10C14	541 237 164		19	1.5	100	125	11.5	8	125	125	8	B9A TP
10C15	*41 23* 685		19	2.2	200	100	13.7	3.7	100	60	B9A TP	
10C16	882 310 000		11	12.5	150	150	7	10	No Data Available	B5 RR		
10C2	192 310 800		19	5	5	5	5	D	D	D	B7G RR	
10DA7	614 237 411		10.5	8	250	9	2.6	100	100	100	B9G TT	
10DA8	604 237 411		10.5	17.5	150	40	5.7	100	100	100	B9A TT	
10DE7	744 236 411		10	17.5	150	32	6.5	100	100	100	B9A TT	
10EB8	146 231 457		10.5	2	250	25	12.5	100	100	100	B9A TP	
10E57	461 471 230		9.7	17.5	150	45	7.5	100	100	100	A08 TT	
10EH7	461 471 230		9.7	20	150	50	7.2	100	100	100	B9A TT	
10ER5	142 360 100		10.8	1.2	200	10	10.5	No Data Available	B7G T			
10EY7	744 236 411		9.7	11	250	45	7.5	100	100	100	B9A TT	
10DR7	744 236 411		9.7	17.5	150	35	6.5	100	100	100	B9A TT	
10UX8	461 237 145		10	2.1	200	175	11	100	100	60	B9A TP	
10P1	261 514 130		22	1.8	200	200	10	9	100	100	B9A P	
10P3	260 154 130		22	2.3	200	200	6	6.5	100	150	B9A P	
10P9	141 230 651		13	2.5	200	100	12	4.5	100	100	2.3	B9A P
10P18	141 230 651		13	1.3	200	100	6	1.6	100	100	1.6	B9A TP
10P17	644 237 411		9.7	17.5	150	45	7.5	100	100	100	B9A TP	
10P12	541 236 891		19	1.5	200	200	11	4.5	100	100	B9A DDP	
10P17	141 237 064		9.7	3	250	200	1.4	1.6	100	100	B9A TP	
10P17	141 237 064		9.7	20	150	90	7.2	100	100	100	B9D TT	
10G18	146 231 457		10.5	2	250	25	11.5	100	100	60	B9A TP	
10G18	415 237 146		10	1.7	250	250	36	1.1	100	100	B9A TP	
10HR8	146 231 457		10	250	250	18	12.5	100	100	60	B9A TP	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140				DATA FOR AVO VALVE TESTER				TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Neg. Grid Volts	Anode Screen Volts	Screen mA/V	BASE	
8BA8	146 231 457		8.4	8	200	150	9	2.7	100	60	5	B9A TP
8BR8	146 231 457		8.4	5	200	125	3.3	100	100	60	6	B9A TP
8B8	414 237 516		7.9	1.6	200	100	7	2.5	100	100	2.5	B9A TP
8B8	811 239 641		8.4	3	250	200	3.1	6.4	100	100	3.5	B9A IDDT
8B8	*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	100	6	B9A TP	
8CP40	645 237 114		9	2	200	175	10	6.2	100	100	6	B9A TP
8C77	741 236 410		8.4	8	250	9	2.6	100	100	3	B9A TP	
8C77	701 236 441		8.4	7	200	5	2	100	100	2.8	B9A TP	
8C77	891 221 643		4.2	3	250	20	4.4	100	100	4.7	B9A TP	
8C77	6*4 237 411		7.9	3	250	1	1.2	100	100	1.3	B9A IDDT	
8C77	704 236 411		8.4	10.6	250	19	4.5	100	100	4	B9A TP	
8C95	*51 23* 6*5		8	12.5	200	175	70	10	100	60	B9A P	
8C98	415 237 146		8	1.7	250	10	1.6	100	100	60	1.6	B9A TP
8C98	146 231 456		8	2	200	125	10	4.6	100	60	4.6	B9A TP
8C77	6*4 237 411		7.9	3	250	1	1.3	100	100	60	B9A TP	
8D2	061 231 500	61	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	PerALF 5	B7G P	
8D4	026 510 310		6	2	250	150	4	1.8	100	PerALF 5	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		6	3	250	100	2	1.25	100	100	1.2	B9A P
8D8	501 236 014		6	1.7	200	30	4	100	100	60	B9A P	
8D8	461 237 145		7.5	2.1	200	175	18	11	100	100	B9A TP	
8E28	146 231 457		8	2	200	125	25	2.7	100	60	B9A TP	
8E95	504 234 106		8.4	18	250	250	35	3.1	100	100	B9A P	
8F07	741 236 410		8.4	8	250	9	2.6	100	100	60	B9A TP	
8G140	892 300 000		8	2	200	175	22	12	100	100	20mA B4 BR	
8E8	146 231 457		8.2	2	200	175	22	12	100	100	B9A TP	
8G66	141 230 651		8	7.4	250	250	48	11.3	No Data Available	B9A P		
8G98	146 231 457		8	2	250	150	25	11.5	100	60	B9A TP	
8G98	414 237 146		7.5	1.7	250	36	10	1.6	100	60	1.5	B9A TP
8HE8	141 234 675		8	3	100	150	10	5.5	100	60	5.5	B9A TP
8JE8	146 231 457		8.2	2	250	150	22	12	100	100	60	B9A TP
8JX8	641 237 410		8.4	1.0	100	5.3	6.8	100	100	6	B9A TP	
8HP12	412 365 400		8.5	1.2	150	10	13	100	100	100	B9A TP	
8HP12	412 365 400		8.5	200	175	25	25	100	100	100	B7G P	
8RH11	504 234 106		8.5	12.5	200	200	45	7.5	100	100	B7G P	
8RHP1	414 237 516		8.2	16	200	200	35	6.4	100	60	2.5	B9A TP
8S7	461 471 230		8.4	8	250	100	9	2.6	100	100	2.6	A08 TP
8T27	641 237 410		8.4	1.5	200	75	5	4.2	100	75	4.2	B5 P
9A1	542 231 000	A1	4	1.5	200	75	5	4.2	100	75	4.2	B7 P
9A1	061 231 500	G1	4	2	250	125	10	1.8	100	100	1.8	B7 P
9A8	645 237 114		9	2	100	175	10	6.2	100	150	5	B9A TP
9AB4	602 304 100		0	2	200	10	5	100	100	5	B7G T	
9AB8	491 238 146		9.5	2.3	200	10	1.4	100	100	1.4	B9A IDDT	
9AC8	641 237 410		4.7	3.5	250	10.5	2.2	100	100	2.2	B9A TP	
9A17	741 236 413		4.7	3.5	250	10.5	2.2	100	100	2.2	B9A TP	
9B5	412 365 400		9	6	250	250	30	7	100	100	6	B9A P
9B7A	641 237 410		8.4	2	150	9	6.4	100	100	6	B9A TP	
9B7	641 239 813		4.7	2.0	250	10	4.1	100	150	4	B9A IDDT	
9B6	*41 230 651		9	12.5	250	250	45	4.1	100	150	4	B9A TP
9C8	645 237 114		9	2	100	175	10	6.2	100	100	6	B9A TP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE		
													mA/V	

12A14	001 080 230			12	1	250	150	10.8	5.2	100	REC	40mA	A08 R
12A16	412 365 100			12.5	6	8.5	250	10.5	2.2	100	100	5.2	B7G P
12A17	741 226 413			6								2.2	B9A TT
12A18	146 231 457			12.6								60	B9A TP
12A19	421 060 350			12.6	22.5	200	125	15	7	100	100	No Data Available	A08 P
12A20	412 389 600			12.5	2	290		1.2	1.6	100		1.2	B7G DDT
12A21	741 226 413			6	1	190	18	8.5	5	100		7	B9A TT
12A22	412 365 100			12.5	1.5	200	150	7	5	100	150	5	B7G P
12A23	412 389 600			12.5	1.8	250	150	7	5	100	150	5	B7G P
12A24	001 080 230			12.5								35mA	A08 R
12A25	741 226 413			6	2	290		1.2	1.6	100		1.6	B9A TT
12A26	080 230 801			12.6								35mA	B9D P
12A27	641 227 413			6	4	250	3	1.7	100			1.7	B9A TT
12A28	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	250	34	6.4	150			6.3	B9A T
12B5	026 080 310	GI		12.5	2	290	0.9	1.1	150			1.1	A08 DT
12B6	265 104 130			12.5	3	250	100	9.2	2	100	100	2	B8B P
12B7	127 561 340	GI		12.5	1.1	100	100	0.6	1.5	100	60	1.5	A08 TP
12B8	412 365 100			12.5	3	100	100	8	2.1	90	90	1.8	A08 TP
12B9	641 228 913			12.5	2	250	100	11	4.4	100	100	4.4	B7G P
12BA7	641 231 106			12.5	2	250	100	18	7	100	7	1.2	B7G DDT
12BC32	412 389 600			12	2	250	1	1.6	100			1.2	B7G DDT
12BD6	412 365 100			12.5	3	250	100	9	2	100	100	2	B7G P
12BE6	412 368 100			12.5	2	100	20	7	100	5	5	5	B7G P
12BF6	412 389 600			12.5	9	250	9.5	1.9	100			1.9	B7G DDT
12BG6	741 226 413			6	10.5	250	11.5	3.1	100			3.1	B9A TT
12BH6	604 231 450			12	5	250	250	35	8.5	100	150	8	B9A P
12BK6	412 389 600			12.5	2	250	100	1.2	1.6	150		1.6	B7G DDT
12BL6	412 365 100			12.5	0.6	12	1.4	1.3	No Data Available			40mA	B9D B
12BM6	412 354 600			12.5	1	16	6	0	80	60	1	1.2	B7G DDT
12BN6	020 540 310	AI		12.5	22.5	250	150	57	5.9	100	100	5	A08 P
12BP6	641 228 913			6	2	250	150	27	13	100	100	4	B9A DDT
12BR7A	641 228 913			6.3									B9A DDT
12BS3A	*8* 23* 8*1			12.6									B9A DDT
12BT6	412 389 600			12.5	3	250	100	1	1.2	150		1.2	B7G DDT
12BU6	412 389 600			12.5	9	250	9.5	1.9	150			1.9	B7G DDT
12BV7	141 223 651			6	2.2	250	150	27	13	100	100	4	B9A P
12BW4	800 230 901			12								15mA	B9A RR
12BX6	141 230 651			12.6	2	150	150	10	7.4	100	100	100	B9A P
12BY7	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	B7G P
12C2C	026 040 310			12.6	8	250	250	2.5	3.2	100	100	3	B9A TT
12C3	42 365 600			12	7.5	150	100	49	7.5	100	90	6	B7G P
12C4	020 540 310	GI		12.5	3	250	125	10	1.3	100	100	1.3	A08 DDP
12C5	142 345 600			12	4.5	125	125	36	9.2	100	100	8	A08 P
12C6	021 040 350	A		12.6	55	150	150	75	7.7	100	100	100	A08 P
12C66	504 234 106			12	12.5	250	250	45	4.1	100	100	100	B9A P
12C67	142 345 600			12.6	1.4	100	100	12	4.5	3.8	No Data Available	B7G P	
12C68	154 231 541	AI		12.6	22.5	250	150	65	9	100	100	100	B9A P
12C69	182 365 400			12	2	250	100	6.9	2.2	100	100	2	B7G DDT
12C75	514 234 1*6			12.6	10	200	125	47	8	100	188	188	B9A P
12C86	112 365 400			12	1	100	30	0.8	1.5	No Data Available	B7G P		
12C88	641 237 541			12	1.4	100	90	4.9	100	60	4.5	B9A TP	
12C89	142 345 600			12	1.5	200	125	15	7	100	100	7	B7G P
12C95	142 345 600			12	8	150	100	50	7.5	100	100	7	B7G P
12C96	020 540 310	AI		12	22	250	150	57	5.8	100	100	100	A08 P
12C97	412 365 100			12.6	22	12	12	3	3.1	No Data Available	B7G P		
12C98	412 365 100			12.6	12	12	1.6	3.2	No Data Available	B7G P			
12D4	*1* 8* 230			12.6									B7G P
12D5	412 365 100			12.6	12	12	4.5	3.8	D	No Data Available	A08 D		
12D6	041 230 651			12.6	1	200	100	12	4.4	No Data Available	B7G P		
12D65	614 234 1*6			12.6	9.6	200	125	46	8	100	100	100	B9A P
12D68	418 236 151			12.6	0.8	12	12	1.3	1.5	REC		15mA	B9A DP
12D69	801 229 013			6.3	2	250		1.2	1.6	100		1.2	B9A TT
12D7	641 237 413			12.6	1.3	100	15	12.5	No Data Available	B9A TT			
12D8	641 237 410			12.6									B9A TT
12D85	141 230 651			12.6	12	12	2	3.3	No Data Available	B9A P			
12D87	141 223 651			6.3	12	12	6	5	No Data Available	B9A P			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE		
													mA/V	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE		
												mA/V		Screen Volts
2003	541 227 463		6	1	100	100	3.6	100	60	3.6	B9A TH			
2004	541 237 164		6.3	3	250	100	3.6	100	100	3.3	B9A TH			
2007	141 235 680		20	2	250	100	7	10.9	100	100	B9A DP			
2007	231 146 741		10	1.0	150	100	1.6	100	100	1.6	B9A TT			
2007	260 194 130		11	1.2	150	150	10.6	100	100	9	B9A P			
2008	027 546 310	G1	20	1.5	100	100	1.5	100	100	100	A08 B			
2008	274 164 130		12	2	250	100	1.5	100	100	2.8	B9A TT			
2009	020 540 310	A1	38	30	200	200	80	6	100	100	5 A08 P			
2009	020 540 310	A1	38	7.5	250	250	13.5	100	100	10	A08 P			
2009	026 540 310	A1	20	9.4	200	175	42	7.2	100	100	6 A08 P			
2009	020 540 310	A1	38	31	200	200	5	No Data Available	100	100	A08 P			
2009	260 054 130		20	6.3	200	150	23	7.5	100	60	A08 P			
2009	145 237 864		20	2	250	100	1.2	100	100	3	B9A DDT			
2009	023 100 080		20	1	250	100	6	3.5	100	30	A08 R			
2010	000 230 008	C	20				120				30mA B9A R			
21A6	*41 231 *51	A1	21.5	28	300	200	40	6.0	100	60	B9A P			
21A7	276 454 130		21	3	250	100	1.3	100	100	100	B9A TH			
21B6	041 230 051	A1	21	23	200	200	45	6.5	100	100	B9A P			
21B7	146 234 117		21	1.5	90	12	6	80	80	6	B9A TT			
21B8	641 237 410		21	1.3	90	15	12.5	No Data Available	B9A TT					
21E88	641 237 410		21	1.3	90	15	12.5	No Data Available	B9A TT					
21EX6	021 040 350	A1	21.5	28	200	150	67	7.7	100	100	A08 P			
21L40	041 231 051	A1	21.5	28	200	200	40	6	100	100	B9A P			
21T88	027 546 310	G1	21	2.5	200	90	3	0.7	100	90	2 A08 TH			
22	365 200 000	G1	3	1.5	150	50	1.7	0.3	125	60	0.5 UX4 P			
22AC	265 300 000	G1	2.5	3	90	90	4	1.05	80	90	1 UX4 P			
22AC3	**231 **8	C	22								20mA B9A R			
22AC4	*64 231 *81		22.4				180				40mA B9D R			
22B4	001 080 250		22.4				120				30mA A08 R			
22P7	146 234 117		21.6	1.2	90	15	12.3				30mA B9A TT			
22R6	541 231 *84	A1	22	20	150	100	45	7	No Data Available	B9D P				
22R6	541 234 51*	A1	22	20	150	100	45	7	No Data Available	B9D P				
22S/101G	022 310 300		9.3	90	400	150	43	5	D		B7G R			
23	264 300 000	A1	2.5	3	150	200	8	1.6	100	100	1.2 UX4 T			
24	264 300 000													
24A	265 130 000	G1	2.5	3	200	90	4	1	100	90	1 UX5 P			
24E	265 130 000	G1	2.5	3	200	90	4	1	100	90	1 UX5 P			
24G	281 193 000	G1	40	200	90	30			REC	15mA UX6 RR				
24S	265 130 000	G1	2.5	3	200	90	4	1	100	90	1 UX5 P			
25	268 943 000		2	3	150	1.0	0.5	125	0.5	126 DDT				
25	205 411 300	A1	6.3	90	400	150	43	No Data Available	UX7 P					
25A6	026 540 310		25	18	150	125	33	2.3	100	90	3.5 A08 P			
25A7	126 548 310		25	15	100	100	20.5	1.8	100	90	1.8 A08 RP			
25A7D	206 008 030	G1	1.4	0	200	4	3.8	100	100	3.5 A08 T				
25A7S	026 040 310		25											
25AV5	421 060 350		25	22.5	250	150	57	5.9	100	100	5.8 A08 P			
25AX4	001 080 230		25				120		REC	30mA A08 R				
25B5	267 413 000		25				45	2.2	100	2	UX7 TT			
25B6	026 540 310		25	22	100	150	6	0.6	5	100	100	5 A08 P		
25B8	127 561 340	G1	25	3	100	100	7.6	2	100	100	1.5 A08 TP			
25B85	021 040 350	A1	25	5	150	150	70	5	No Data Available	A08 P				
25B85	604 231 450		25	22.5	250	150	55	5.5	100	150	8 B9A P			
25B86	120 345 600	A1	25	7.5	150	100	49	7.5	100	100	6 B7G P			
25C	026 540 310		25	14	200	150	61	7.1	100	100	7 A08 P			
25C15	142 345 600		25	4.5	150	125	36	9.2	125	125	9.2 B7G P			
25C16	021 040 350	A1	25	30	200	200	75	7.5	100	100	7.5 A08 P			
25C16	154 231 541	A1	25	22.5	250	150	65	6	100	100	100	B9A P		
25C16	020 540 310	A1	25	300	150	80			REC	No Data Available	A08 P			
25D4	001 080 230		25				120		REC	30mA A08 R				
25D8	127 546 380	G1	25	1	100	100	0.5	1.1	100	60	1.1 A08 DTT			
25D84	002 380 100		25	3	100	100	60	1.9	100	100	1.9 15mA B7G R			
25D86	021 040 350	A1	25	150	150	70	9	No Data Available	A08 F					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE		
												mA/V		Screen Volts
18P24	261 154 130		18	2.1	250	200	15	10.5	100	100	A08 P			
18P46	412 365 100		18	1	100	100	4.4	4.4	100	100	4.4 B7G P			
18P6A	412 365 100		18	1	100	100	4.4	4.4	100	100	4.4 B7G P			
18P6B	412 365 100		18	1	100	100	24	7	100	100	1.3 B7G DDT			
18P6C	412 389 600		18	1	100	100	0.6	1.3	100	100	1.3 B7G DDT			
18Q6	141 230 651		18	1	100	100	5	4.3	100	100	B9A P			
18Q66	142 360 100		18	1	100	100	1.7	1.7	100	100	1.7 B7G T			
18Q78	641 237 514		18				10	5.5	100	60	5 B9A TP			
18Q88	416 235 714		18				150	41	7.5	100	100	B9A TP		
18J6	672 344 100		18	1	100	100	32	6.2	100	100	5 B7G TT			
19	364 472 000		2	3	150	100	1.7	100	100	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				
19A85	412 365 400		19	12.5	250	200	47	4.1	100	150	4 B7G P			
19A94	*41 080 230		19				120		REC	40mA A08 R				
19B0	**1 231 **8	A1	19	15	250	250	60	6	100	150	16mA B9A R			
19B6C	021 040 350		19	2	175	100	9.7	5.9	200	100	6 B9A P			
19B77	141 213 651		19	1	100	100	0.5	1.2	100	100	1.2 B9A DDDT			
19C8	811 239 146		19	0.85	150	15	8	100	60	8	B9A TP			
19CL8	461 237 514		18.9	1	150	125	12	3.8	100	100	5 B9A TP			
19D3	541 237 464		19	2.6	200	125	2.6	2.4	100	100	6 B9A TH			
19D8	541 237 464		19	1.5	150	11.5	3.7	100	60	3.7	B9A TP			
19D8	541 236 891		19	2.6	200	125	7.6	2.4	100	100	2.4 B9A TH			
19D87	644 237 411		19.5	11	250	100	9	3.8	100	100	B9A DDP			
19E48	645 237 114		18.9	1	150	125	12	6.4	100	100	8 B9A TP			
19E77	141 230 651		19	2	200	100	13	13	No Data Available	B9A P				
19E77	141 230 651		18.9	2.5	200	200	10	15	No Data Available	B9A P				
19E78	144 127 464		18.9	1	150	200	4.2	4.2	100	100	4.2 B9A TT			
19F4.8	541 236 891		19	1.5	200	100	11	4.5	100	100	17mA A08 R			
19G3	020 000 300	D1	4				30		REC					
19G6	112 311 100	D1	4				30		REC					
19G7	11* 239 181		18.9				5	6.5	100	60	6.5 B9A DDD			
19G78	641 237 414		18.9	1.6	100	200	41	7.5	100	100	7.5 B9A TP			
19H1	002 300 000	D1	4				60		REC					
19H4	020 000 300	D1	2.5				30		REC					
19H6	412 365 100		18.9	1.2	200	100	13.2	8.5	100	100	B7G F			
19H66	412 365 100		18.9	0.8	150	75	8.5	9.5	100	100	1.3 B7G P			
19H78	461 237 *14		18.9	1.0	100	100	0.8	1.3	100	100	6 B9A TP			
19J6	762 344 100		19	1	100	100	8.5	5.3	100	100	5.3 B7G TT			
19M9	412 365 400		19	2.5	100	100	7	3.5	100	100	4 B7G P			
19M95	412 365 400		19	2	150	125	10	3.5	100	100	3.5 B7G P			
19M3	001 230 008		19				180		REC	40mA B9A R				
19M11.2	214 607 413		19	1.7	150	9	5.5	100	6	B9A TT				
19M12.2	641 237 410		19	8.5	250	100	10.5	2.2	100	2	B9A TT			
19M11	401 236 514		19	7	100	100	35	5.5	100	100	B9A P			
19M1	**1 231 **8		19	3	250	120	1.0	1.2	150	100	30mA B9A R			
19M3	191 238 146		19	1.8	100	100	1.0	1.2	150	100	1.2 B9A DDDT			
19M3	**1 231 **8		19				120		REC	40mA B9A R				
19M3	681 234 119		19	3	250	150	7.7	5.6	100	150	4 B9A TP			
19M3	**1 231 **8		19				180		REC	40mA B9A R				
19M3	**1 23													

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	BASE mA/V	
25X06	020 540 310	A1	25	22.5	250	150	75	6	100	100	AOR P	
25075	504 234 146			16.5	250	250	38	6.5	100	100	B9A P	
25E2	541 227 365		12.6	2	200	100	4	6.5	100	100	B9A TH	
25E5	020 540 310	A1	25	21	200	100	4	11	No Data Available	AOR P		
25E6	021 040 350	A1	25	150	100	70	7.5	No Data Available	AOR P			
25E15	142 345 600		35	3.2	100	125	42	14.6	No Data Available	BTC P		
25E7	020 540 310	A	25	7.5	100	100	37	5.8	No Data Available	BTC P		
25E66	*2* 540 310	A1	25	21	150	150	100	11	100	100	AOR P	
25F1D	206 501 040	G1	1.4	2.5	150	125	1.2	0.7	100	100	AOR P	
25G86	020 540 310	A1	25	22.5	250	150	6.5	6	100	100	AOR P	
25G78	414 237 516		25	1.5	150	125	2.5	2	100	60	B9A TP	
25L6	026 540 310		25	8.2	200	125	47	8	100	90	AOR P	
25M15	002 380 100		25	25	25	25	25	25	REC	20mA BTC R		
25RE	281 193 000		25						REC	15mA UX6 RR		
25S	268 943 000		25	3	150	100	0.8	0.6	100	0.6 UX6 IDPT		
25S7	461 471 230		25	8	250	100	9	2.6	100	2.5 AOR TT		
25T36	030 000 310	D1	25						REC	15mA AOR RR		
25U4	001 080 230		25						REC	30mA AOR R		
25V35	028 190 310		25						REC	20mA AOR R		
25V4	001 080 230		25						REC	30mA AOR R		
25V6	026 540 310		25						REC	20mA AOR R		
25V9	001 080 230		25						REC	30mA AOR R		
25Z4	020 080 310		25						REC	30mA AOR R		
25Z5	020 080 310		25						REC	30mA AOR R		
25Z6	028 190 310		25						REC	30mA AOR R		
25Z7	028 190 310		25						REC	30mA AOR R		
25Z8	028 190 310		25						REC	30mA AOR R		
25Z9	028 190 310		25						REC	30mA AOR R		
25Z10	028 190 310		25						REC	30mA AOR R		
25Z11	028 190 310		25						REC	30mA AOR R		
25Z12	028 190 310		25						REC	30mA AOR R		
25Z13	028 190 310		25						REC	30mA AOR R		
25Z14	028 190 310		25						REC	30mA AOR R		
25Z15	028 190 310		25						REC	30mA AOR R		
25Z16	028 190 310		25						REC	30mA AOR R		
25Z17	028 190 310		25						REC	30mA AOR R		
25Z18	028 190 310		25						REC	30mA AOR R		
25Z19	028 190 310		25						REC	30mA AOR R		
25Z20	028 190 310		25						REC	30mA AOR R		
25Z21	028 190 310		25						REC	30mA AOR R		
25Z22	028 190 310		25						REC	30mA AOR R		
25Z23	028 190 310		25						REC	30mA AOR R		
25Z24	028 190 310		25						REC	30mA AOR R		
25Z25	028 190 310		25						REC	30mA AOR R		
25Z26	028 190 310		25						REC	30mA AOR R		
25Z27	028 190 310		25						REC	30mA AOR R		
25Z28	028 190 310		25						REC	30mA AOR R		
25Z29	028 190 310		25						REC	30mA AOR R		
25Z30	028 190 310		25						REC	30mA AOR R		
25Z31	028 190 310		25						REC	30mA AOR R		
25Z32	028 190 310		25						REC	30mA AOR R		
25Z33	028 190 310		25						REC	30mA AOR R		
25Z34	028 190 310		25						REC	30mA AOR R		
25Z35	028 190 310		25						REC	30mA AOR R		
25Z36	028 190 310		25						REC	30mA AOR R		
25Z37	028 190 310		25						REC	30mA AOR R		
25Z38	028 190 310		25						REC	30mA AOR R		
25Z39	028 190 310		25						REC	30mA AOR R		
25Z40	028 190 310		25						REC	30mA AOR R		
25Z41	028 190 310		25						REC	30mA AOR R		
25Z42	028 190 310		25						REC	30mA AOR R		
25Z43	028 190 310		25						REC	30mA AOR R		
25Z44	028 190 310		25						REC	30mA AOR R		
25Z45	028 190 310		25						REC	30mA AOR R		
25Z46	028 190 310		25						REC	30mA AOR R		
25Z47	028 190 310		25						REC	30mA AOR R		
25Z48	028 190 310		25						REC	30mA AOR R		
25Z49	028 190 310		25						REC	30mA AOR R		
25Z50	028 190 310		25						REC	30mA AOR R		
25Z51	028 190 310		25						REC	30mA AOR R		
25Z52	028 190 310		25						REC	30mA AOR R		
25Z53	028 190 310		25						REC	30mA AOR R		
25Z54	028 190 310		25						REC	30mA AOR R		
25Z55	028 190 310		25						REC	30mA AOR R		
25Z56	028 190 310		25						REC	30mA AOR R		
25Z57	028 190 310		25						REC	30mA AOR R		
25Z58	028 190 310		25						REC	30mA AOR R		
25Z59	028 190 310		25						REC	30mA AOR R		
25Z60	028 190 310		25						REC	30mA AOR R		
25Z61	028 190 310		25						REC	30mA AOR R		
25Z62	028 190 310		25						REC	30mA AOR R		
25Z63	028 190 310		25						REC	30mA AOR R		
25Z64	028 190 310		25						REC	30mA AOR R		
25Z65	028 190 310		25						REC	30mA AOR R		
25Z66	028 190 310		25						REC	30mA AOR R		
25Z67	028 190 310		25						REC	30mA AOR R		
25Z68	028 190 310		25						REC	30mA AOR R		
25Z69	028 190 310		25						REC	30mA AOR R		
25Z70	028 190 310		25						REC	30mA AOR R		
25Z71	028 190 310		25						REC	30mA AOR R		
25Z72	028 190 310		25						REC	30mA AOR R		
25Z73	028 190 310		25						REC	30mA AOR R		
25Z74	028 190 310		25						REC	30mA AOR R		
25Z75	028 190 310		25						REC	30mA AOR R		
25Z76	028 190 310		25						REC	30mA AOR R		
25Z77	028 190 310		25						REC	30mA AOR R		
25Z78	028 190 310		25						REC	30mA AOR R		
25Z79	028 190 310		25						REC	30mA AOR R		
25Z80	028 190 310		25						REC	30mA AOR R		
25Z81	028 190 310		25						REC	30mA AOR R		
25Z82	028 190 310		25						REC	30mA AOR R		
25Z83	028 190 310		25						REC	30mA AOR R		
25Z84	028 190 310		25						REC	30mA AOR R		
25Z85	028 190 310		25						REC	30mA AOR R		
25Z86	028 190 310		25						REC	30mA AOR R		
25Z87	028 190 310		25						REC	30mA AOR R		
25Z88	028 190 310		25						REC	30mA AOR R		
25Z89	028 190 310		25						REC	30mA AOR R		
25Z90	028 190 310		25						REC	30mA AOR R		
25Z91	028 190 310		25						REC	30mA AOR R		
25Z92	028 190 310		25						REC	30mA AOR R		
25Z93	028 190 310		25						REC	30mA AOR R		
25Z94	028 190 310		25						REC	30mA AOR R		
25Z95	028 190 310		25						REC	30mA AOR R		
25Z96	028 190 310		25						REC	30mA AOR R		
25Z97	028 190 310		25						REC	30mA AOR R		
25Z98	028 190 310		25						REC	30mA AOR R		
25Z99	028 190 310		25						REC	30mA AOR R		
25Z100	028 190 310		25						REC	30mA AOR R		

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	BASE mA/V	
30C13	645 237 114		9	2	100	175	14	5	100	60	B9A TP	
30C15	157 236 414		9	2	200	125	6	5	100	60	B9A TP	
30C17	157 236 414		7.4	0.8	200	150	6.4	8.5	100	60	B9A TP	
30P5	141 230 651		7.5	1.8	200	200	10	8.8	100	100	B9A P	
30P27	141 230 651		3.7	1.2	200	150	13.5	15	No Data Available	B9A P		
30R11	641 237 541		9.4	7.9	200	200	10	3.6	100	60	B9A TP	
30R12	641 237 541		10	4.9	150	100	10	3.7	100	60	B9A TP	
30R13	641 237 541		10	2.5	200	200	10	12.5	100	100	B9A TP	
30R14	657 231 414		7.4	3	100	14	5.5	100	60	B9A TP		
30P99	026 543 100		30	19	200	200	45	3.5	100	100	AOR P	
30L1	147 234 116		7.5	3.4	150	26	6.6	100	60	B9A TP		
30L15	147 234 116		7	1.2	90	9	80	6	B9A TP			
30L17	146 234 117		7.2	6	75	15	16.5	No Data Available	B9A TP			
30P4	020 540 310	A1	25	21	200	200	100	11	No Data Available	AOR P		
30P12	*41 231 645		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	B9A P	
30P16	041 230 605		16	14.2	200	200	45	8.2	100	100	B9A P	
30P18	041 231											

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	Anode Volts	Screen Volts	mA/V		BASE 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	3.9	1	100	100	30	B9G PP		
44GR8	415 237 146		44	1.7	250	250	1.2	1.6	100	60	1.4	B9A TP		
44TU	892 300 000		4	7	250	250	36	10	REC	100	50mA B4 RR			
44ST	802 300 000		4						REC		15mA B4 R			
45	264 300 000		2.5	90	250	34	2.1	2.1	100	100	2.1	UX4 T		
45A	264 300 000		2.5	68	325	43	2.3	100	100	100	2.3	UX4 T		
45A*	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	100	B9A P		
45B85	041 23* 6*5		45	12.5	300	175	70	10	100	100	100	B9A P		
45DQ8	461 237 145		45	1.7	200	175	70	10	100	60	4	B9A TP		
45D88	461 237 145		45	1.7	200	175	70	10	100	60	4	B9A TP		
45TU	892 300 000		4	2.1	200	175	18	4	100	100	30mA B4 RR			
45TLU	206 540 130		45	13	200	200	45	7.5	100	100	7	A08 P		
45Z5	28* 108 300		45						REC		70mA B7G R			
45Z5	022 080 310		37.5	33	250	60	2.2	2.2	100	100	20mA A08 R			
46	264 630 000		2.5	16.5	250	250	31	2.5	100	150	3.8	UX5 P		
47	264 540 000		2.5	10	100	100	32	3.8	100	90	3.8	UX6 P		
48	265 413 000		30						REC		100	UX6 P		
48A8	414 237 516		48	11.5	150	150	41	7.5	100	100	60	2.5	B9A TP	
49	264 630 000		2	50	150	100	49	8	100	100	90	7	B8B P	
49	265 413 000		6.3	50	400	250	95	1.1	100	No Data Available	1.1	UX5 T		
50	264 300 000		7.5	70	400	250	55	2.1	100	No Data Available	2.1	UX4 T		
50A5	265 004 130		50	7.5	150	100	49	8	100	100	90	7	B8B P	
50AX6	028 190 310		50	7.5	150	100	49	8	100	100	90	7	B8B P	
50B5	412 365 400		50	0.5	90	100	49	0.8	100	90	6	A08 RR		
50BC1D	206 089 030	G1	1.4	0.5	90	100	49	0.8	80	80	6	A08 IDT		
50BK5	604 231 450		50	5	250	250	35	8.5	100	150	150	B9A P		
50BR8	414 237 516		50	10	150	150	41	7.5	100	100	60	B9A TP		
50C5	142 345 600		50	7.5	150	100	49	7.5	100	100	60	B7G P		
50C6	026 540 310		50	13.5	150	150	58	7	100	100	6	B7G P		
50C7	206 089 030		1.4	1.5	100	1.5	0.9	100	100	100	0.9	A08 IDT		
50CA5	414 237 516		50	4.5	150	125	37	9.2	No Data Available	B7G P				
50CD6	021 040 390	A1	30	30	200	200	75	7.5	100	100	7	A08 P		
50DE5	022 363 100		25	3.2	100	125	42	14.6	No Data Available	B7G P				
50DE5	142 345 600		50	7.5	100	100	50	7.5	100	100	100	B7G P		
50FE2	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	100	B7G P		
50FB5	026 540 310		50	16	150	150	80	9.3	No Data Available	B7G P				
50FK5	142 345 600		50	100	100	32	12.8	No Data Available	B7G P					
50FL18	414 237 516		50	1.5	150	125	2.5	2	100	60	60	B9A TP		
50GL1D	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						REC		60mA B9A RR			
50RP1	141 236 518		50	1	200	100	9	4.5	100	100	4	60mA B9A RR		
50RK6	219 008 130		50	3	250	90	6.5	10.5	175	90	10	UX5 P		
50TU	388 208 120		45						REC		30mA A08 R			
50T6	029 180 310		46	60	60	60	60	60	REC		20mA A08 RR			
50T7	028 193 310		50	60	60	60	60	60	REC		20mA A08 RR			
50Z6	029 180 310		120	120	120	120	120	120	REC		30mA A08 RR			
50Z7	029 183 310		48	60	60	60	60	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		
52AKU	030 908 020		5	5	250	100	3	1.6	100	100	30mA A08 RR			
52BKU	030 908 020		2.5	5	250	100	3	1.6	100	100	30mA A08 RR			
52CKU	030 908 020		7	130	130	130	130	130	REC		40mA A08 RR			
54KU	030 908 020		7	130	130	130	130	130	REC		60mA A08 RR			
55	269 813 000	G1	2.5	20	250	100	8	1.1	100	100	1.1	UX6 IDT		
55A/165H	245 761 430		12	15	150	150	120	4	100	100	100	B8G PP		
55B3	**1 23* **8		55						REC		30mA B9A R			
56	264 130 000		2.5	12.5	250	5	1.4	100	100	1.4	UX5 T			
56A5	264 130 000		6	13.5	250	5	1.4	100	100	1.4	UX5 T			
57	265 113 000	G1	2.5	3	250	100	2	1.2	100	100	1.2	UX6 P		
57A5	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		
58A5	265 113 000	G1	6	3	250	100	8	1.5	100	100	1.5	UX6 P		
58TP1	417 237 564		58	3.1	250	250	38	2.5	100	100	100	1.5	B9A TP	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	Anode Volts	Screen Volts	BASE mA/V	
35BR8	416 235 714		35	100	100	2.5	3.9	100	60	60	B9A TP		
35L6	026 540 310		35	7.5	200	100	4	5.8	100	90	5.8	A08 P	
35L31	412 365 400		35	13	200	200	52	8	100	100	8	B7G P	
35QL6	451 236 154		35	11.5	200	200	55	9.5	100	100	30mA B9A P		
35R1	002 382 100		35						REC		30mA B7G R		
35R2	002 380 100		35						REC		30mA B7G R		
35RE	281 193 000		35						REC		30mA B7G R		
35S	265 120 000		2.5	3	250	90	6.5	10.8	100	90	1.8	UX5 P	
35R4	002 383 100	G1	27.5						REC		20mA B7G R		
35X4	002 380 100		35						REC		20mA B7G R		
35Y4	280 200 130		27.5						REC		20mA B8B R		
35Y5	280 200 130		27.5						REC		20mA B8B R		
35Y31	002 380 100		35						REC		20mA B7G R		
35Z3	280 000 130		35						REC		20mA B8B R		
35Z3L1	280 000 130		35						REC		60mA B8B R		
35Z4	020 080 310		35						REC		60mA A08 R		
35Z5	020 080 310		35						REC		60mA A08 R		
35Z6	028 190 310		35						REC		60mA A08 R		
36	265 130 000	G1	6	3	250	90	3.2	1	100	90	1	UX5 P	
36AWD	002 283 100		36						REC		15mA B7G R		
37	264 130 000		6	18	250	200	1.1	1.1	100	100	1	UX5 P	
38	265 130 000		6	18	200	200	60	1.1	100	100	1	UX5 P	
38A3	**1 23* **8		38						REC		40mA B9A R		
38R3	001 230 008		38						REC		40mA B9A R		
39	260 301 300	G1	6.3	3	250	90	5.8	1	100	90	1	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	100	0.2	UX4 T		
40PPA	045 231 600		40	25	150	150	36	2	100	100	4	B7 P	
40SUA	802 310 000		40						REC		60mA B5 R		
40Z5	022 080 310		35						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	100	2.8	B5 T		
41H	026 540 310		6	18	250	32	2.3	100	150	2.3	A08 P		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER					TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	Anode Volts	Screen Volts		BASE mA/V
825BU	892 300 000		7.5	60	300	250	25	1.9	No Data Available	REC	20mA	B4	RR		
825B	245 134 200	A1/A2	6.3	30	150	125	30	3.5	No Data Available	REC	15mA	B4	RR		
825B	245 134 200	A1/A2	6.3	40	40	40	0.5	0.5	No Data Available	REC	15mA	B4	RR		
825A	245 134 200	A1/A2	6.3	60	60	60	0.1	0.1	No Data Available	REC	20mA	B4	RR		
836	2** 00* 300	D1	2.5	40	40	40	0.2	0.1	No Data Available	REC	20mA	B4	RR		
837	205 411 300	A1	12.6	40	400	150	45	0.4	No Data Available	REC	20mA	B4	RR		
840	254 130 000	A1	7.5	30	200	75	1	0.4	No Data Available	REC	15mA	B4	RR		
841	264 300 000	A1	7.5	40	400	150	45	0.4	No Data Available	REC	15mA	B4	RR		
842	264 130 000	A1	7.5	100	400	25	1.2	1.2	No Data Available	REC	15mA	B4	RR		
843	264 130 000	A1	2.5	25	350	25	1.7	1.7	No Data Available	REC	15mA	B4	RR		
864	364 200 000	D1	2.5	4.5	90	2.9	0.6	0.6	No Data Available	REC	30mA	U4	R		
871	200 300 000	D1	2.5	120	300	5	460	460	No Data Available	REC	30mA	U4	R		
879	200 300 000	D1	2.5	300	300	55	460	460	No Data Available	REC	30mA	U4	R		
884	026 040 310		2.5	300	300	55	460	460	No Data Available	REC	30mA	U4	R		
885	264 130 000		2.5	300	300	55	460	460	No Data Available	REC	30mA	U4	R		
904T	642 310 000	A1	4	2	200	100	2	1.50	2	150	2	B5	T		
990	041 200 000	A1	2	16.5	200	150	7	0.9	100	100	0.9	BT	P		
991	041 200 000	G1	2	3	200	60	1.7	0.6	100	60	1.7	U4	P		
992P	288 310 000		6.3	3	250	100	2	1.4	100	100	7AA	P			
994	213 154 000	A1	6.3	3	250	100	2	1.4	100	100	7AA	P			
995	264 310 000	A1	6.3	7	250	6.3	2.2	100	5AA	T					
996	213 154 000	A1	6.3	3	250	100	6.7	1.8	100	7AA	P				
997	322 460 000	A1	1.2	5	150	2	0.6	100	5AA	T					
998A	322 460 000	A1	1.2	20	150	2	0.6	100	No Data Available	5AA	T				
999	322 154 000	A1	1.2	3	150	60	1.7	0.6	100	60	7AA	P			
985	289 130 000		5	30	300	30	150	150	150	150	UK5	RR			
986	289 300 000		5	60	300	60	3.6	3.6	REC	20mA	UK4	RR			
994Y	642 310 000		4	0.5	100	60	3.6	3.6	REC	3.6	B5	T			
1002	802 300 000		1.8	60	60	60	30	30	REC	25mA	B4	R			
1005	088 092 030		6.3	30	300	30	120	120	REC	15mA	A08	RR			
1006	289 300 000		1.7	120	120	120	120	120	REC	30mA	UK4	RR			
1007	008 090 230		1.0	60	60	60	60	60	REC	20mA	A08	RR			
1028	289 300 000	D1	1.7	1012	1012	1012	1012	1012	REC	30mA	UK4	RR			
1029	802 300 000	G1	6	2	250	1.5	1.5	1.5	100	1.2	BT	DDT			
1030	802 300 000		11	2	250	1.5	1.5	1.5	100	1.2	BT	DDT			
1170	892 300 000		1.8	1170	1170	1170	1170	1170	D	1.2	B4	DD			
1201	426 141 630		6	3	200	5.5	3	150	3	B8B	T				
1201	892 300 000		6	3	200	5.5	3	150	3	B8B	T				
1201	892 300 000		2.5	30	30	30	30	30	D	B4	DD				
1203	200 800 130		6	2	250	100	1.7	1.2	100	100	1.2	B8B	P		
1203A	200 800 130		6	2	250	100	1.7	1.2	100	100	1.2	B8B	P		
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	UK6	P		
1222	365 403 100		6.3	18	350	250	54	5.2	100	150	5.2	A08	P		
1223	026 510 310	G1	6	3	270	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	UK4	P		
1230	264 300 000		2	9	150	300	3	6.3	100	100	6.3	B8B	P		
1231	265 104 130		6	30	300	13	6.3	6.3	100	100	4.5	B8B	P		
1232	265 104 130		6	2	250	100	6	4.5	100	100	4.5	B8B	P		
1233	312 182 310		6	3	150	30	3	3.4	No Data Available	B8B	PP				
1238	245 671 430		26	3.5	40	30	12.5	3.4	No Data Available	B8B	PP				
1247	000 730 000	D1	0.6	3	250	100	2.2	1.5	100	100	1.5	B8B	P		
1271	265 104 130		6	3	250	100	2.2	1.5	100	100	1.5	B8B	P		
1274	028 090 130		6	3	250	100	2.2	1.5	100	100	1.5	B8B	P		
1275	289 300 000		5	120	120	60	5.2	100	REC	15mA	UK4	RR			
1276	264 300 000		4.3	45	250	60	5.2	100	REC	30mA	UK4	RR			
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	90	5.2	1.8	80	80	1.8	A08	TT			
1291	274 304 620		1.4	90	90	5.2	1.8	80	80	1.8	A08	TT			
1292	364 204 730		1.4	90	90	5.2	1.8	80	80	1.8	A08	TT			
1293	260 064 030		1.4	90	90	4.7	1.3	80	80	1.3	B8B	T			
1294	200 800 130		1.4	4.5	150	90	10.2	2.4	100	90	2.4	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	60	60	60	60	REC	20mA	UK4	RR			
1560	892 300 000		5	60	60	60	60	60	REC	20mA	B4	RR			
1561	892 300 000		4	120	120	120	120	120	REC	30mA	B4	RR			
1562	264 300 000		7.5	23.5	250	100	2	1.3	100	100	1.3	UK4	R		
1603	265 113 000	G1	6	3	250	100	2	1.3	100	100	1.3	UK6	P		
1608	264 300 000		2.5	90	400	95	No Data Available	UK4	T						

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	BASE mA/V			
												200	150	
506K	892 300 000		2	30	300	30	150	150	150	150	150	150	B4	RR
506KB	892 300 000		4	30	300	30	150	150	150	150	150	150	B4	RR
507AX	265 436 200		4	40	40	0.9	0.5	0.5	No Data Available	REC	15mA	B4	RR	
509	892 300 000		2	60	60	0.1	0.1	0.1	No Data Available	REC	20mA	B4	RR	
509AX	634 200 000		0.6	40	40	0.1	0.1	0.1	No Data Available	REC	20mA	B4	RR	
511D	892 300 000		4	60	60	0.8	0.4	0.4	No Data Available	REC	20mA	B4	RR	
512AX	653 420 000		0.6	20	20	0.1	0.1	0.1	No Data Available	REC	15mA	B4	RR	
515BX	634 200 000		0.6	40	40	0.1	0.1	0.1	No Data Available	REC	15mA	B4	RR	
518AX	653 420 000		1.2	2	40	0.8	0.5	0.5	No Data Available	REC	15mA	B4	RR	
520AX	653 420 000		0.6	2.5	40	0.2	0.1	0.1	No Data Available	REC	15mA	B4	RR	
521AX	653 420 000		1.2	3	20	0.8	0.4	0.4	No Data Available	REC	15mA	B4	RR	
522AX	653 420 000		1.2	0	20	0.3	0.4	0.4	No Data Available	REC	15mA	B4	RR	
523AX	653 420 000		1.2	1.2	20	0.3	0.3	0.3	No Data Available	REC	15mA	B4	RR	
524AX	653 420 000		1.2	1.7	12	0.4	0.3	0.3	No Data Available	REC	15mA	B4	RR	
525AX	653 420 000		1.2	1.2	20	0.2	0.3	0.3	No Data Available	REC	15mA	B4	RR	
526AX	653 420 000		1.2	1.5	20	0.4	0.4	0.4	No Data Available	REC	15mA	B4	RR	
527AX	653 420 000		1.2	0	20	0.3	0.4	0.4	No Data Available	REC	15mA	B4	RR	
528AX	653 420 000		1.2	0	20	0.3	0.4	0.4	No Data Available	REC	15mA	B4	RR	
529AX	653 420 000		1.2	0	20	0.3	0.4	0.4	No Data Available	REC	15mA	B4	RR	
529AX	653 420 000		1.2	1.2	12	0.3	0.3	0.3	No Data Available	REC	15mA	B4	RR	
531DX	653 420 000		1.2	1.5	12	0.3	0.3	0.3	No Data Available	REC	15mA	B4	RR	
532														

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	mA/V	Screen Volts	Anode Volts	BASE		
											mV		mV
1609	364 520 000		1.1	1.5	75	2.5	0.7	100	75	0.7	UX5	P	
1610	264 530 000		2.5	16.5	250	31	2.5	100	150	3.8	UX5	P	
1611	026 540 310		6	16.5	250	34	2.5	100	150	2.5	A08 P	P	
1612	026 540 310		6	3	250	100	5.3	100	100	1.1	A08 P	P	
1613	026 540 310	G1	6	16.5	250	34	2.5	100	150	2.5	A08 P	P	
1614	026 540 310		6	18	350	250	54	5.2	100	150	5.2	A08 P	P
1616	200 300 000	D1	2.5	3	300	250	45	4.5	100	150	4.5	A08 P	P
1619	026 540 310		2.5	3	250	100	2	1.2	100	100	1.2	A08 P	P
1620	026 510 310	G1	6	16.5	250	250	34	3.5	100	150	2.5	A08 P	P
1621	026 540 310		6	18	350	250	54	5.2	100	150	5.2	A08 P	P
1622	026 540 310		6	18	350	250	54	5.2	100	150	5.2	A08 P	P
1624	205 401 300	A1	2.5	3	300	250	45	4.5	100	150	4.5	UX7 P	P
1625	205 401 300		12.5	32	250	25	6.5	100	150	6	UX7 P	P	
1626	026 540 310	A1	12.5	32	250	25	6.5	100	150	6	UX7 P	P	
1627	026 540 310		12.5	18	350	250	54	5.2	100	150	5.2	A08 P	P
1631	026 540 310		12.5	18	350	250	54	5.2	100	150	5.2	A08 P	P
1632	026 540 310		12.5	8	200	100	9	9	100	90	2.6	A08 P	P
1633	471 461 230		25	8	250	11.5	2.6	100	100	2.6	A08 TT	TT	
1634	074 461 230		12.5	2	250	2	1.3	150	100	1.3	A08 TT	TT	
1635	027 446 310		6	0	300	3.5	0.9	100	100	0.9	A08 TT	TT	
1637	026 500 310	G1	6	18	250	250	32	3.8	100	150	3.8	A08 P	P
1638	029 180 310		6	5.5	250						A08 DD	DD	
1639	026 890 310		6	5.5	250						A08 DD	DD	
1641	200 300 000	D1/D2	5								30mA UX4 RR	RR	
1642	200 300 000	D1/D2	5								12mA UX4 RR	RR	
1644	414 732 360		12.5	9	200	200	13	2.1	100	100	2.1	A08 PP	PP
1649	021 415 360		6	2	300	150	10	9	100	100	8	A08 P	P
1654	200 300 000	D1	1.4	2	250						RTG D	D	
1655	074 461 230		6	2	250						1.3 A08 TT	TT	
1659	268 913 000	G1	2.5	2	250						1.1 UX6 DDT	DDT	
1662	364 526 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	RTG P	P
1664	026 985 310	G1	2.5	3	250	125	1.3	100	100	1.3	A08 DD	DD	
1701	892 300 000		1.8								30mA UX4 RR	RR	
1801	892 300 000		4								15mA UX4 RR	RR	
1805	892 300 000		4								15mA UX4 RR	RR	
1807	892 300 000		4								15mA UX4 RR	RR	
1810	003 200 000	D1	4								15mA UX4 RR	RR	
1815	892 300 000		4								20mA UX4 RR	RR	
1817	892 300 000		4								30mA UX4 RR	RR	
1821	892 300 000		4								15mA UX4 RR	RR	
1823	892 300 000		4								15mA UX4 RR	RR	
1831	892 300 000		4								12mA UX4 RR	RR	
1832	082 300 000		4								12mA UX4 RR	RR	
1851	026 510 310	G1	6	2	300	150	10	9	100	100	8	A08 P	P
1851QT	026 510 310	G1	6	2	300	150	10	9	100	100	8	A08 P	P
1852	021 415 360		6	2	300	150	10	9	100	100	8	A08 P	P
1853	021 415 360		6	3	300	200	12.5	5	100	150	5	A08 P	P
1853QT	204 153 600		6.3	3	300	200	12.5	5	100	100	5	A08 P	P
1861	892 300 000		4								20mA UX4 RR	RR	
1867	389 200 000		4								20mA UX4 RR	RR	
1868	023 180 090		4								20mA UX4 RR	RR	
1875	023 180 090		4								20mA UX4 RR	RR	
1876	123 000 080	D1	4								REC R	R	
1877	002 300 000		4								REC R	R	
1881A	892 300 000		4								15mA UX4 RR	RR	
1882	023 080 090		5								20mA SSC RR	RR	
1883	023 080 090		5								20mA SSC RR	RR	
1884	120 908 030		2.5								15 A08 RR	RR	
2051	026 041 310		6								30mA UX4 RR	RR	
2101	264 530 000		2	4.5	150	150	8	1.7	100	100	1.7	UX5 P	P
2102	268 953 000		2	1	100						1.3 UX6 DDT	DDT	
2103	274 546 300		2	7.5	150	150	4	1.5	100	100	1.6	UX7 PP	PP
2151	265 413 000		14	31	250	250	47	2.7	100	150	2.4	UX6 P	P
2318	892 300 000		4								15mA UX4 RR	RR	
2506	892 300 000		4								10mA UX4 RR	RR	
3006	802 300 000		4								D	D	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE			
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	mA/V	Screen Volts	Anode Volts	BASE				
											mV		mV		
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	P				
3074A	204 140 300	A1/A2	6	300							UX7 TT	TT			
3075A	002 300 000	D1	2	230	150	5.6	2	100	100		B4	P			
3310A	265 113 000		10	200	150	33	3	100	100		UX6 P	P			
3311A	265 113 000		10	200	150	33	3	100	100		UX6 P	P			
3328A	265 113 000		7.5	200	125	31	1.9	100	100		UX6 P	P			
3329A	265 113 000	G1	7.5	13.5	150	150	5.5	2.8	100	100	1.8	A08 P	P		
3481	026 510 310	G1	6	1.5	200						0.2	UX4 T	T		
3720	364 200 000		30	19	100	100	52	3.8	100	90	3.8	UX6 P	P		
3871	264 300 000		2	9	150						0.6	UX4 T	T		
3872	264 300 000		2	9	150						0.6	UX4 T	T		
3873	264 300 000	G1	2.5	50	250	75	1.5	100	75	0.6	UX4 T	T			
3874	264 300 000		2.5	50	250	75	1.5	100	75	0.6	UX4 T	T			
3924	265 130 000	G1	2.5	3	200	90	4	1	100	90	1	UX5 P	P		
4019A	264 300 000		4	200							1.2	UX4 T	T		
4019B	264 300 000		4	4	100						1.2	UX4 T	T		
4019C	264 300 000		4	4	100						1.2	UX4 T	T		
4020A	264 300 000		2	2	150						0.6	UX4 T	T		
4020B	264 300 000		2	2	150						0.6	UX4 T	T		
4021A	264 300 000		4	10	150						32.5	3	UX4 T	T	
4021B	264 300 000		4	8	150						23	3	UX4 T	T	
4022AR	264 300 000		4	6	200						16.2	2.2	UX4 T	T	
4022R	264 300 000		4	6	200						16.2	2.2	UX4 T	T	
4033	264 300 000		6	20	400						50	9	UX5 T	T	
4033A	264 310 000		6	20	400						50	9	UX5 T	T	
4033L	642 310 000		6	20	400						60	10	UX5 T	T	
4037A	802 300 000		4								120		REC	REC	
4045A	642 350 000		5	70	250	60	43	1.3	No Data Available	B5	P	P			
4061A	205 411 300	A1	6	10	400	200	15	3	100	150	2.5	UX7 TT	TT		
4074A	204 140 300	A1/A2	6	13	300						3	UX7 TT	TT		
4077A	003 200 000	D1	5								30mA UX4 T	T			
4264A	364 200 000		1.5								6	UX4 T	T		
4274A	289 300 000		5								REC	REC			
4300A	364 200 000		5	90	400						No Data Available	UX4 T	T		
4310A	265 113 000	G1	10	5.5	250	150	5.2	2	100	100	2	UX6 T	T		
4328A	265 113 000	G1	7.5	5.5	250	175	5.2	2	100	150	2	UX6 T	T		
4328D	026 510 310	G1	7.5	5.5	250	150	5.2	2	100	100	2	A08 T	T		
4608	642 310 000		4	6	150						11	2.5	B5 T	T	
4610	542 310 000	A1	4	1.3	200						0.9	100	0.9	B5 P	P
4611	364 200 000		6	40	200						20	1.7	No Data Available	UX4 T	T
4611	364 200 000		6	40	200						20	1.7	No Data Available	B4 T	T
4612	642 300 000		4	40	250						40	2.7	No Data Available	B4 T	T
4613	642 300 000		4	22	250						48	3.5	No Data Available	B4 T	T
4614	642 310 000		4	16	200						12	1.3	No Data Available	B5 T	T
4618	892 300 000	A1	4	2	200	100	3	2.2	100	100	2.2	B5 P	P		
4619	892 300 000		4								30		REC	REC	
4623	123 000 000	D1	6.3								5		D	D	
4631	264 300 000		2	1.5	150						0.7		150	UX4 T	T
4635	642 310 000		4	16	200						12	9	No Data Available	B5 T	T
4636	542 310 000		4	2	200	100	3	2.3	100						

VALVE	SELECTOR SWITCH No.	T.C.	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
			VI	Neg Grid 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	3	250 100	2	1.2	100		1.2	B7G DD
6059	041 230 651		6	3	250 100	2	1.2	100		1.2	B9A P
6060	741 226 413		6	13	200 225 34	3.7	100	150		150	B9A P
6061	41 230 651		6	6	7.5	250 250	45	7		150	B9A P
6062	601 235 144		6	2	250 250 100	7.5	100	150		150	B7G RR
6063	802 309 100		6	6	2	250 250 100	30	150		150	B7G RR
6064	412 361 500		6	6	1.5	200 150	4	2.5		100	B7G P
6065	412 361 500		6	2	2.5	250 250	8	2.5		100	B7G P
6066	412 361 500		6	3	250	1	1.2	150		1.2	B7G DD
6067	741 226 413		6	6	8.5	250	10.5	2.2		100	B9A TT
6068	021 040 350		6,3	4	300 150	36	5.3	100		100	A08 P
6072	741 226 413		6	6	4	250	3	1.7		100	B9A TT
6080	471 461 230		26.5	30	100	100	7	No Data Available		A08 TT	
6082	471 461 230		6	2	250 125	10	9	150		100	B9A P
6084	501 236 014		6	6	5.5	250	6	2.7		100	B9A TT
6085	641 227 413		18	1.8	200 100	8.3	8.2	100		100	B9A P
6086	541 236 ***		6	4	250	100	3	1.7		100	B9A TT
6087	020 809 030		6	6	30	100	100	7		No Data Available	A08 TT
6088	653 420 000		1.2	1.2	40 40	60	2.9	0.7		No Data Available	B5A P
6089	673 420 000		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	B9A P
6095	412 365 400		6	12.5	150 250	4.5	4.1	100		150	B7G P
6096	412 365 400		6	2	150 250	7.5	5	125		125	B7G P
6097	192 310 800		6	22.5	250 250	77	5.4	100		100	B7G DD
6098	106 052 430		6	6	250	100	100	100		100	A08 P
6099	672 344 100		6	3	150	5	4.5	100		100	B7G TT
6100	602 364 100		6	8.5	250	10.5	2.2	100		100	B7G TT
6101	762 344 100		6	2	150	9	5.5	100		100	B7G TT
6106	020 809 030		5	5	60	60	2.9	0.7		20mA	A08 RR
6110	812 093 100		6	1.9	100	8.5	5	100		5	BRB TT
6111	642 113 470		6	3	150	5	4.5	100		5	BRB TT
6112	642 113 470		6	1.4	150	1.7	2.5	100		0.8	A08 TT
6113	641 227 413		6	3	250	3	1.7	100		1.6	A08 TT
6118	024 890 310		6	8.5	250	10.5	2.2	150		1.3	A08 DD
6125	8*2 384 100		6	8.5	250	10.5	2.2	150		2.2	B7G T
6132	441 230 651		6	4.5	250 250	40	11	100		150	B9A P
6134	021 415 360		6	2	300 150	10	10	100		130	B9A P
6135	6*2 364 100		6	8.5	250	10.5	2.2	100		150	B7G P
6136	412 365 100		6	1	250 100	10.6	5.2	100		150	B7G P
6137	021 415 360		6	3	250 100	9.2	2	100		130	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	B5A T
6149	623 410 000		6,3	1.4	250	9	5	100		1.5	B5A T
6151	623 410 000		6,3	2.50	250	4	4	100		250	B5A T
6152	614 230 000		6,3	200	12	4	100			100	B5A T
6153T	023 164 570		6	2	100	16	5	100		60	5
6156	412 360 500		6	13.5	250 250	16	2.6	100		150	2.6
6157	412 365 100		6	4.6	250	6	2.3	100		2.3	B9A TT
6158	741 226 413		6	30	200 200	100	7	No Data Available		A08 P	
6159	125 141 310		26	6	1	200	11	6.5		A08 T	
6160	642 113 470		6	8	250	9	2.6	100		2.6	A08 TT
6180	461 471 230		6	1.4	250 150	7	5	100		100	4
6186	412 365 100		6	2	150 125	5.2	3.2	100		125	3
6187	412 365 100		6	2	250	6	2.3	100		2.3	B9A TT
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		100	3
6197	145 226 413		6	3	250 150	30	11	100		150	10
6201	741 226 413		6	2	250	60	3.5	100		5	B9A TT
6202	802 309 100		6	4	100 100	7.5	5	100		100	5
6203	800 230 109		6	1.3	100 100	7.5	5	100		100	4.5
6206	412 163 510		6,3	1.2	100	100	3.6	100		3.6	B9A TT
6211	741 226 413		6	6	200 100	47	8.8	100		100	4
6216	641 236 510		6	6	200 100	47	8.8	100		100	4

VALVE	SELECTOR SWITCH No.	T.C.	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
			VI	Neg Grid 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
6228	665 915 080		6,3	1	100	0.7	1.7	100		100	1.7
6229	665 915 080		6,3	3	100	150	7.5	5.0		100	B7G P
6247	442 613 000		6	4	200	4	6.5	100		100	2.6
6252	248 134 200		6,3	17	400 200	20	6.5	No Data Available		B7A PP	
6265	412 365 100		6	1	250 150	9	4	100		125	B7G P
6267	501 236 014		6	6	1.0	250 100	3.0	1.8		No Data Available	B5A P
6281	653 420 000		6	0.6	20	20	6	2.1		No Data Available	B5A T
6286	624 300 000		1.2	2	60	60	6	2.1		No Data Available	B5A T
6287	176 236 546		6	12.5	250 250	48	4.1	100		100	B9A P
6293	125 141 300		6	200	200	100	7.3	No Data Available		A08 P	
6302	265 113 000		G1	2.2	300 150	11	9	REC		5mA	BTG RR
6305	112 311 100		DI	4	108 090 230	60	60	8		100	A08 RR
6325	121 040 130		6	22.5	250 250	120	8	100		100	A08 P
6327	121 040 130		6	15	200 200	30	3.3	No Data Available		B9A PP	
636A	471 461 230		6,3	60	200	75	5	No Data Available		A08 TT	
6390	614 227 141		6	5	150	11	4.6	100		5	B9A TT
6391	411 321 655		6	2	350 250	12.5	11.5	No Data Available		B9A P	
6392	214 310 730		6,3	1.5	200	200	30	3.3		No Data Available	B9A PP
6396	414 226 573		6,3	15	200 200	30	3.3	No Data Available		B9A PP	
637A	400 230 060		DI	1.2	4.5	150	12.0	3.4		REC	30mA
6375	6374		6	22	250 250	77	5.5	No Data Available		A08 P	
6384	106 052 430		6,3	2.1	150	82	5.5	125		5.5	B9A TT
6385	214 607 413		6	2	100	9.6	4	100		4	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	2	200	150	9	2.3		100	B8D P
6414	641 227 413		6,3	2	200	8	5.5	100		100	B9A TT
6417	601 235 144		12.5	7.5	250 250	45	7	100		150	7
6418	652 430 000		1.2	1.2	20	20	0.2	0.3		No Data Available	B5A P
6443	412 365 100		6	10	250	14.5	5.2	100		100	B9A TT
6463	614 227 143		6	1.6	300	150	10	9		125	3.5
6464	410 263 511		6,3	2	150	125	3.5	3.2		100	B7G P
6468	412 653 160		6	2.0	100	100	7.5	5.0		100	5.0
6489	261 360 000		6	6	13.5	250 250	16.0	2.6		100	150
6516	412 360 500		6	60	150	50	7	No Data Available		A08 TT	
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	B5A P
6528	471 461 230		6	20	200	90	15	No Data Available		A08 TT	
6533	644 612 360		6	150	150	100	1.7	100		100	B8D T
6535	672 344 100		6	0.8	100	8.5	5.3	100		5.3	BTG TT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140				DATA FOR AVO VALVE TESTER		TYPE
				Neg. Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	
4696	023 180 560	G1	6-3	2-5	250 150	8	14	No Data Available	PG	DP
4699	023 104 560		6-3	12-5	300 300	55	13	100 150	9	BSC P
5222	402-613 060		6-3	1	100 0	0-7	1-7	100 150	1-7	BBD T
5516	255 242 300	A1	4-5	3	400 250	75	4	100 150	4	A08 P
5556	264 300 000		6	3	350	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	2	125 100	5	B7G P
5603	021 415 360		6	12-5	150 150	50	2-4	100 100	5	A08 P
5608	412 365 100		6	12	150 125	7-5	2	100 90	5	B7G P
5610	612 364 000		6	1-5	90	17	4	80		B7G P
5618	265 134 200		3	8	300 75	19	3-5	100 60	3-5	B7G P
5635	442-63 710		6	0-5	100 100	4-8	3-8	100 100	3-8	B8B TT
5636	412 163 510		6	1-4	100 100	5-3	3-3	100 100	2-7	BBD T
5637	402 013 060		6	6	100 100	1-4	2-7	100 100	2-7	BBD T
5639	412 163 510		6	2-6	150 100	21	9	100 100	9	BBD P
5640	412 163 510		6	6	100 100	31	5	100 100	5	B8B P
5641	082 813 080		6							
5642	023 000 000	D1	1-2							
5643	612 113 000		6-3	2-8	400	75	500	No Data Available	B8D	B8D
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				B5A D
5654	412 365 100		6	2	150 125	7-5	5	100 100	5	B7G P
5656	544 231 761		6-3	12-5	250 250	32	5-8	100 150		B9A PP
5659	026 540 310		12-5	12-5	250 250	32	5-8	100 150		A08 P
5660	026 895 310	G1	12-5	3	250 125	10	1-3	100 100	1-3	A08 BDP
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	120	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	1-6	125	1-6	B5A T
5677	624 300 000		1-2	6	150	1-9	0-6	100		B5A T
5678	624 300 000		1-2	0	60 60	1-8	1	No Data Available	B5A T	
5679	218 309 120		6	12-5	250 250	27	3-1	100 100		B8B BR
5686	141 235 615		6	12-5	250 250	27	3-1	100 100		B9A P
5687	641 221 437		6	12-5	250 250	12-5	4-1	100	7	B9A TT
5690	238 192 310		6	2	250	2-3	1-6	150	1-6	A08 RR
5691	471 461 230		6	9	250	6-5	2-2	100 2-2	A08 TT	
5692	471 461 230		6	2	250	100	3-1	1-6	A08 P	
5693	021 415 360		6	6	300	7	3-2	No Data Available	A08 TT	
5694	126 447 310		6-3	2	150 115	7-5	5	100 100	5	B7G P
5702	652 311 400		6-3	2	150	9	5	100	5	B5A T
5703	623 410 000		6-3	2	100	13	5-5	100	5-5	B8D T
5704	623 410 000		6-3	2	100	13	5-5	100	5-5	B8D T
5718	402 013 060		6	1-3	150	1-8	2-3	100	1-6	B8B T
5719	402 013 060		6							
5722	802 208 300		3							
5725	412 365 100		6	2	150 125	5-2	3-2	100 100	3-5	B7G P
5726	192 310 800		6-3							
5732	026 510 310	G1	6-3	3	150 100	8	2-2	100 100	2	B7G RR
5744	623 410 000		6-3	2	250 100	4	4-4	100 100	4-3	A08 P
5749	412 365 100		6	1	250 1100	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	200	1-2	B9A TT
5755	471 451 230		6	7-5	250 250	45	7	100 150	7	B9A P
5763	623 375 144		6-3	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							
5797	411 235 600		26-5	1	30 30	0-5	1	No Data Available	B8D	B8D
5798	741 231 460		26	0	20 2-3	3-1	No Data Available			UX4 D
5812	412 365 200		3	1-3	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		25	22	150 125	61	5	125 125	5	A08 P
5825	200 300 000	D1	1-5							
5838	028 090 310		12							UX4 D
5839	028 090 310		26-5	1-4	100 100	7	5	100 100	5	B8A RR
5840	412 163 510		26-5	6	100 100	7	5	100 100	5	B8D P
5842	602 441 443		6	1-5	150	26	2-4	100	2-4	B9A T
5845	802 290 300		6	2-3	100	4-8	3-4	100	3-4	B7G TT
5847	402 106 053		6	2	150 150	13	12-5	150 150	12	B7G PP
5851	206 005 340		2-5	7-5	150 125	5-5	1-6	125 125	1-6	B8D P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140				DATA FOR AVO VALVE TESTER		TYPE	
				Neg. Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts		
5852	028 090 310		6	6						15mA AOR RR	
5854	028 090 310		1-2	12-5	40 40	0-8	0-5	No Data Available	B5A P		
5871	028 090 310		6-3	3	250 250	45	4-5	100 150	4	A08 P	
5873	264 114 730		6	3	150	3	2-9	100	2-3	B8B TT	
5875	652 490 000		1-2							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							20mA AOR RR	
5894	245 134 200	A1/A2	6	400	250	30	3-4	No Data Available	B7A PP		
5896	812 093 100		6							15mA B8B PP	
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	B8D P	
5899	412 163 510		6	1-4	100 100	7-2	4-5	100 100	5	B8D P	
5900	412 163 510		6	1-5	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	1	B8A P	
5903	812 093 100		26	0	20 20	3	5	No Data Available	B8B RR		
5904	402 013 060		26	5	100 100	2-3	2-8	No Data Available	B8A P		
5905	412 163 510		26	1-5	100 100	7-5	5	100 100	5	A08 P	
5906	412 163 510		26								
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	265 824 300		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	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								
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	222 533 380		4-4								
5961	126 541 340		6							A08 H	
5963	741 226 413		6	2	75	3-5	2	100	2-5	B9A TT	
5964	741 226 413		6	1-8	150	8-2	6-5	150	6	B9A TT	
5965	741 226 413		1-2								
5967	624 311 400		1-2	40	40	3	2	No Data Available	B8B TT		
5968	240 670 430		1-2								
5969	245 675 430		1-2	3	125	40	6	1-7	No Data Available	B8B PP	
5970	245 675 430		1-2	2-5	150	40	3	1-8	No Data Available	B8B PP	
5971	642 430 000		1-2	2-5	150	5-6	2-5	100	2-5	B8A T	
5972	652 420 000		1-2	2-5	150	2-5	1-3	No Data Available	B8A 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	
5988	026 540 310		6	12-5	250 250	45	4-1	100 150	4	A08 P	
5993	802 010 309		6							15mA B9A RR	
5995	802 310 000		6-3							15mA B5A R	
5998	461 471 230		6								
6004	023 000 030		2-5							No Data Available A08 TT	
6005	023 000 030		6	12-5	250 250	45	4	100 150	4	B7G P	
6006	031 415 360		6	1-4	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	6	1-6	100	1-5	3-4	100	5	B8D TT
6026	001 230 460		6	2-6	150	1-5	2-9	100	5-9	B8B TT	
6028	412 365 100		20	1-8	150 125	7-5	5	100	5-9	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								

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC PIETER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			TYPE
				Max Grid Volts	Anode Volts	Screen Volts	Ia mA	Ib mA/V	No Data Available	Anode Volts	Screen Volts	mA/V	
7144	641 237 410		6.3	1-2	90	50	15	12.5	No Data Available	B9A	TT		
7145	501 236 014		6.3	2.0	50	50	1.8	34	No Data Available	B9A	P		
7150	631 421 1*5		6.3	1.5	150	125	24	34	No Data Available	B9A	P		
7167	412 365 100		13.5	1	150	80	10	100	No Data Available	B9A	P		
7184	026 540 310		6.3	12.5	250	250	47	4.1	No Data Available	AOR	P		
7189	441 235 6*5		6.3	7-3	250	250	48	11.3	No Data Available	B9A	P		
7193	020 000 310		6	10.5	300	11	3	100	No Data Available	AOR	P		
7199	675 231 414		6.3	1-5	250	125	9	2	100	60	B9A TP		
7212	125 142 360		6.3	28	200	200	100	7	No Data Available	AOR	P		
7227	4*1 237 651		27.5	2.5	40	40	8	5	No Data Available	B9A	P		
7233	646 236 416		6.3	40	150	50	9	9	No Data Available	B9A	T		
7236	471 461 230		6.3	14	150	100	12.5	4.2	No Data Available	AOR	TT		
7239	41* 235 1*1	A1	6.3	0.4	100	100	10.5	4.2	100	100	B9A P		
7244	672 344 100		6.3	0.4	150	13.5	11	100	100	5	B7G TT		
7245	412 344 600		6.3								B7G TT		
7247	641 227 413		6.3	2	250	10.5	2.2	100	1.6	1.6	B9A TT		
7258	641 237 541		12.5	3	150	15	4.5	100	60	60	B9A TP		
7308	741 236 410		6.3	1.4	90	12	11.5	No Data Available	B9A	TT			
7316	641 227 413		6.3	8.5	250	11.5	2.3	100	100	3	B9A TT		
7318	641 227 413		6.3	8.5	250	11.5	2.3	100	100	3	B9A TT		
7320	041 230 695		6.3	7-3	250	250	48	11.3	100	100	B9A P		
7355	026 014 350		6.3	15	250	250	7	7.6	100	100	AOR P		
7358	125 141 300		6.3	12.5	250	250	4.7	4.6	100	100	AOR P		
7370	641 221 437		20	2	130	36	11.5	100	100	100	B7G P		
7382	412 300 600		6.3	2	350	1.2	1.6	100	1.6	B7G TT			
7408	026 540 310		6.3	12.5	250	250	4.7	4.6	100	100	AOR P		
7402	741 226 413		6.3	3.5	250	250	7.5	100	100	100	B9A TT		
7498	412 361 500		6.3	250	250	250	250	250	250	250	B7G P		
7534	*2* 54* 310	A	6.3	15.5	250	150	100	25.0	No Data Available	AOR	P		
7543	412 365 100		6.3	1.0	250	150	10.8	5.2	80	60	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	AOR	P			
7581	026 540 310		6.3	14	250	250	72	6	100	100	B8A P		
7581	026 540 310		6.3	17	300	250	80	8	100	100	AOR P		
7607	125 141 300	A1	6.3	2	100	14	5	100	60	6	B9A TP		
7643	645 237 114		6.3	2	200	175	10	6.2	100	100	B9A TP		
7683	416 236 156		6.3	0.5	300	250	12.6	5	100	100	B9A P		
7687	645 237 114		6.3	8.5	300	250	7.5	2.5	100	60	B9A TP		
7693	412 365 100		6.3	100	250	125	10	5.8	100	100	B9A TP		
7694	412 365 100		6.3	80	250	100	7.4	4.6	100	100	B7G P		
7695	5** 234 1*6		50	11	130	130	9.2	3.6	No Data Available	B7G P			
7699	414 226 573		6.3	250	250	45	10	11.0	No Data Available	B9A P			
7700	265 113 000	G1	6	3	250	250	2	1.2	100	100	1.2	DK6 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	150	1.6	3	100	60	2.5	B9A TP	
7717	412 365 100		6.3	1	125	80	10	8	100	80	B7G P		
7719	641 226 413		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	3.0	200	150	34	27	No Data Available	B9A P			
7724	181 238 016		14	3	250	100	0.7	1.0	100	100	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	100	18	8.5	100	60	B9A TP		
7732	412 365 100		6.3	0.95	250	100	10	5.2	100	100	B7G TP		
7733	141 223 651		6.3	3	250	175	24	12	No Data Available	B9A P			
7734	514 236 147		6.3	21	150	150	5.4	3.4	No Data Available	B9A P			
7738	642 314 600		6.3	2.0	150	150	5.5	3.2	No Data Available	B9A TP			
7751	026 540 310		6.3	8	100	100	100	14	No Data Available	AOR	P		
7752	412 365 100		6.3	2	150	125	5.5	3.5	No Data Available	B7G P			
7754	41* 234 1*6		6.3	40	30	3	2.7	No Data Available	B9A P				
7755	106 026 450		6	36	300	300	58	4.3	100	130	4.3	AOR P	
7756	451 034 510		6.3	12.5	250	250	45	4.1	100	PenLP	4.0	B9A TT	
7761	214 607 413		6.3	150	150	35	5.5	100	No Data Available	B9A P			
7788	141 235 615		6.3	150	150	35	5.5	100	No Data Available	B9A P			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC PIETER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			TYPE
				Max Grid Volts	Anode Volts	Screen Volts	Ia mA	Ib mA/V	No Data Available	Anode Volts	Screen Volts	mA/V	
6840	614 227 130		6.3	250	200	200	14	6.7	100	100	B8D P		
6850	542 134 500	A1 A2	12	200	200	200	50	4.5	100	100	B7A TP		
6851	641 227 413		6.3	3.1	250	1	1.2	100	1.2	100	B9A TT		
6853	030 809 020		5	19.6	150	8.0	6.2	5.2	100	REC	20mA AOR RR		
6854	214 607 413		6.3	19.6	150	8.0	6.2	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	521 413 016		6.3	1	400	100	3.5	2.2	No Data Available	B7G P			
6877	402 634 016	A1	6.3	12	100	100	75	6.5	100	No Data Available	B9A P		
6883	125 141 130	A1	12	30	200	200	100	7	D	No Data Available	B7G TP		
6887	182 310 900		6										
6888	021 415 600		6.3	150	90	38	100	90	100	90	AOR P		
6889	200 053 420		6.3	22.5	250	250	77	5.4	100	100	AOR P		
6922	641 227 413		6.3	100	100	100	8	3.6	100	100	3.6	B8D P	
6929	414 226 573		6.3	100	100	100	8	3.6	100	100	3.6	B8D P	
6943	412 163 510		6.3	100	100	100	7	3.2	100	100	3.2	B8D P	
6944	412 163 510		6.3	100	100	100	7	3.2	100	100	3.2	B8D P	
6945	412 163 510		6.3	100	100	100	7	3.2	100	100	3.2	B8D P	
6946	402 013 060		6.3	100	100	100	7	3.2	100	100	3.2	B8D P	
6947	642 113 470		6.3	150	100	6.5	4	100	880	TT			
6948	642 113 470		6.3	100	0.8	1.6	100		880	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				
6988	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	100	B9A P	
6889	200 053 420	A1	6.3	22.5	250	250	77	5.4	100	100	AOR P		
6900	741 221 436		6.3	2	150	200	36	7	No Data Available	B9A TT			
6953	125 141 130	A1	12	30	200	200	100	7	No Data Available	B9A P			
6971	741 221 437	A1 A2	6.3	50	400	250	100	4.6	No Data Available	B7A TP			
6919	182 310 900		6										
6922	641 227 413		6.3	200	200	200	200	200	200	200	B7G RR		
6927	672 344 100		6	3	150	5	4.5	100	No Data Available	B9A TT			
6928	412 365 100		6	0.8	100	8.5	3.8	5	5	B7G TT			
7000	026 510 310	G1	6	12.5	250	250	45	1.1	100	150	4	B7G P	
7025	741 236 413		6	2	250	100	1.2	1.6	100	1.2	AOR P		
7027	526 544 310		6.3	2	200	200	100	100	100	1.6	B9A TT		
7032	412 365 100		6.3	2	250	100	4.5	1.8	100	100	B8A P		
7036	412 365 100		6	0	75	75	6.3	2	80	75	2	B7G H	
7044	641 221 437		6.3	2	150	100	26	10	No Data Available	B9A TT			
7051	645 237 114		6.3	1.0	200	100	10	5	100	60	8	B9A TP	
7054	141 231 651		13.5	2.7	250	150	19	11.5	100	100	B9A P		
7055	180 300 900		13.5	13.5	200	150	9.5	6.2	100	100	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	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	1.5	150	100	10	3.2	100	100	5	B9A TP	
7061	504 234 156		13.5	10	200	125	15	4.9	100	60	B9A TP		
7062	641 227 413		6.3	0.8	100	200	36	4.2	100	100	B9A P		
7066	208 564 300		1.4	100	100	8.5	7.8	100	8.5	B9A TT			
7071	*** 23* **	D1	6.3	180	BEC						B9A D		
7072	*** 23* **	C	6.3	180	BEC						B9A P		
7073	*** 23* **	C	26	180	BEC								

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	Anode Volts	Screen Volts	BASE	
A109	264 300 000		1.4	9	150	2	0.4	100	0.4	100	0.4	UX4 T		
A110	264 300 000		1.4	4.5	150	4	0.4	125	0.4	125	0.4	UX4 T		
A111	642 300 000		1.4	4.5	150	3	0.4	125	0.4	125	0.4	B4 T		
A125	642 300 000		1.2	3	150	0.4	0.4	100	0.4	100	0.4	B4 T		
A203	642 300 000		2	30	150	12	1.5	100	1.5	100	1.5	B4 T		
A205	642 300 000		2	18	150	7	1.2	100	1.2	100	1.2	B4 T		
A206	642 300 000		2	8.5	150	3.8		100		100		B4 T		
A209	642 300 000		2	9	150	4	1.0	100	1.0	100	1.0	B4 T		
A210	642 300 000		2	9	150	4	1.0	100	1.0	100	1.0	UX4 T		
A211	642 300 000		2	9	150	3	0.9	100	0.9	100	0.9	UX4 T		
A212	642 300 000		2	3	150	2	1.2	100	1.2	100	1.2	B4 T		
A225	642 300 000		2	3	150	4.5	1.3	100	1.3	100	1.3	B4 T		
A225	642 300 000		2	3	150	1	1	100	1	100	1	B4 T		
A225	642 300 000		2	3	150	1	1	100	1	100	1	B4 T		
A235	200 300 000	D1	6			30					15mA	UX4 R		
A235	042 300 000	A1	2		150	1.5	0.4	150	0.4	150	0.4	B4 T		
A239	230 300 000	D1	5			60					20mA	UX4 R		
A241	642 300 000	G2	2		20	20	1.2	1	No Data Available	B4 P				
A242	285 300 000	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	0.6	100		UX4 T		
A306	264 300 000		3	15	150	1.5	0.4	100	0.4	100		UX4 T		
A404	642 300 000		4	10	100	4	0.4	100	0.4	100	0.4	B4 T		
A406	642 300 000		4	9	100	2	0.4	100	0.4	100		UX4 T		
A406	642 300 000		4	9	100	2	0.4	100	0.4	100		UX4 T		
A408	642 300 000		4	4	150	4	1.5	100	1.5	100	1.5	B4 T		
A409	642 300 000		4	9	150	3.5	0.9	100	0.9	100	0.9	UX4 T		
A410	642 300 000		4	3	150	3.5	0.9	100	0.9	100	0.9	UX4 T		
A410	642 300 000		4	3	150	3.5	0.5	100	0.5	100	0.5	UX4 T		
A410	642 300 000		4	3	150	3.5	0.5	100	0.5	100	0.5	UX4 T		
A410N	642 300 000		4	3	150	3.5	0.5	100	0.5	100	0.5	B4 T		
A411	642 300 000		4	3	200	6	2.5	150	2.5	150	2.5	B4 T		
A414	364 200 000		4	4.5	150	3	2	100	2	100	2	UX4 T		
A414	642 300 000		4	4.5	150	3	2	100	2	100	2	UX4 T		
A414E	642 300 000		4	4.5	150	4	2	100	2	100	2	B4 T		
A415	642 300 000		4	4	150	4	1.5	100	1.5	100	1.5	B4 T		
A416	642 300 000		4	4.5	150	4	2	100	2	100	2	B4 T		
A420	642 300 000		4	4	150	4	1.5	100	1.5	100	1.5	B4 T		
A425	642 300 000		4	2.5	200	0.2	1.2	100	1.2	100	1.2	B4 T		
A430	642 300 000		4	3	200	6	2.5	150	2.5	150	2.5	B4 T		
A430	042 300 000	A1	4		150	1.5	0.5	150	0.5	150	0.5	B4 T		
A430N	642 310 000		4	4.5	250	6.5	3.5	100	3	100	3	B5 T		
A435	642 310 000		4	1	150	2.1	0.5	150	0.5	150	0.5	B4 T		
A440N	642 310 000		4	1.6	200	0.2	2.2	150	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	4	0.7	200	100	0.8	UX4 P		
A577	602 310 000	G1	4	8	150	28	2	100	2	100	2	B5 T		
A600	642 300 000		6	9	150	4	1.5	100	1.5	100	1.5	UX4 T		
A609	642 300 000		6	9	150	4	1.5	100	1.5	100	1.5	UX4 T		
A609	602 310 000	G1	6	9	150	4	1.5	100	1.5	100	1.5	B4 T		
A615	642 300 000		6	4.5	150	4	2.4	100	2.4	100	2.4	B4 T		
A630	642 300 000		6	1.5	150	0.7	1.5	150	1.5	150	1.5	B4 T		
A635	642 300 000		6	1	200	100	1.2	1.5	200	100	0.7	B4 P		
A642	642 300 000	A1	6	3	100	2.5	2.5	100	2.5	100	2.5	B5 T		
A819	060 231 500	G1	4	3	250	250	8	7.5	100	100	2.5	B7 P		
A863	026 500 310		6	3	250	100	2	1.2	100	100	1.2	A08 P		
A901	045 231 600	G1	6	3	100	100	50	9	No Data Available	B7 P				
A1685	026 510 310	G1	6.3	3	150	100	8	3.2	100	100	3.2	A08 P		
A1685M	026 510 310	G1	6	3	150	100	8	3.2	100	100	3.2	A08 P		
ΔA1714	412 310 000		6	2.2	250	250	8	7.5	100	100	2.5	B7 P		
A1820	265 004 130		6	250	250	40	10.5	100	150	9	BBB P			
ΔA1834	471 461 230		6	40	100	150	35	6	100	100	100	A08 TT		
A1860	502 332 406		2.5	7	200	150	6	2.3	100	100	2.3	B5 T		
A2040N	642 310 000		20	3	200	200	0.2	3	100	100	2.3	B5 T		
A2040K	642 310 000		20	1.6	200	200	0.2	3	100	100	1	B5 T		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	BASE				
											mA/V	mA/V	mA/V	
7803	641 237 410		6.3	1.3	90	15	12.5	No Data Available	B9A TT					
7808	741 236 41*		12	2	250	10	5.5	5.5	B9A TT					
8013A	200 300 000	D1	2.5			15			10mA	A08 R				
8016	020 000 030	D1	1.2							A08 R				
8032	125 141 310	A1	13.5	32	200	100	7	No Data Available	A08 P					
8077	141 231 651		13.5	2.7	250	150	11.5	100	100					
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	45	No Data Available	B9D P					
8255	414 234 444		6.3	1.2	150	12	13	No Data Available	B9D T					
934R	424 236 572		1.6		200	200	3.3	100	100					
9001	412 365 100		6	3	250	100	2	1.4	100	1.4	B7P P			
9002	612 364 100		6	7	250	6.3	2.2	100	2.2	B7P T				
9003	412 365 100		6	3	250	100	6.7	1.8	100	1.8	B7P P			
9004	203 180 000		9.3			5				5AA R				
9005	218 130 000		3.6							5AA D				
9006	812 380 100		6			5								
9072	020 000 310	A1/G1	4		300	15	2.5	No Data Available	B7G R					
18013	061 231 500	G1	4		200	200	8	100	100					
18014	005 231 600	G1	4		200	200	35	8	100	100				
18015	061 231 500	G1	21		150	125	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	150	10	BBB P			
18042	541 236 41*		18	1.8	200	100	8.3	8.2	100	8	B9A P			
18043	041 236 41*		6	1.8	200	200	8.2	8.2	100	8	B9A P			
18045	041 236 651		18	3	200	200	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	653 600 000		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				20mA	B4			
A11C	892 300 000		4			60				20mA	B4			
A11D	892 300 000		4			60				20mA	B4			
A20B	892 310 000		4			60				20mA	B5			
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				
A30B	642 310 000		4	3.5	200	6	2.4	100	2.4	B5 T				
A312	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	200	60	1.2	B7	TH		
A36B	645 231 700	G1	4	2	100	22	6	100	60	6	B7	TH		
A36C	645 231 700	G1	4	3	100	9	3.8	100	60	5	B7	TH		
A40	264 300 000		15	2.5	250	100	3.25	2.5	100	100	3	B7	TH	
A40	264 310 000		4	40.5	200	21	1.5	100	1.5	UX4 T				
A40M	254 130 000	A1	4	1.5	100	3	2	100	2	5AA T				
A40M	542 310 000	A1	4	1.5	200	100	3	2	200	100	3	UX5 P		
A41	351 220 000	A1/G1	4	1.5										

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

ACT/4	642 310 000		4	20	250	20	4	100	100	4	B5	T		
ACTN	642 350 000		4	12	250	200	22	100	150	4	B5	P		
ACTNDH	642 350 000		4	10	250	200	18	100	150	4	B5	P		
ACT/PP	642 300 000		4	25	400	50	5	100	100	5	B4	T		
ACT/P	045 231 600		4	5.5	250	250	32	100	100	100	B7	P		
AC/Phn	045 231 600		4	15.5	250	250	32	2.7	100	100	2.5	B7	P	
AC/Phn	642 310 000	G2	4	12	200	200	24	2.5	100	100	2.5	B5	P	
ACTT	642 310 000	G2	4	18	250	200	30	100	150	4	B5	T		
ACTPA	642 310 000		4	18	250	200	30	100	150	4	B5	T		
ACTPA4	642 300 000		4	25	250	50	5	100	100	5	B4	T		
ACU	045 231 600		4	22	400	250	57	6	100	150	6	B7	P	
ACGA	045 231 600		6	23	400	250	57	6	100	150	6	B7	P	
AC/STN	542 310 000	A1	4	1.4	200	75	5.6	1.1	200	75	1.1	B5	P	
AC/SZ	542 310 000	A1	4	1	200	60	6	3.4	200	60	3.4	B5	P	
AC/SZPhn	041 231 500	A1	4	1.5	250	100	8	4.6	200	100	5.5	B7	P	
AC/SC	542 310 000	A1	4	1.5	200	60	4.5	1.9	200	60	1.9	B5	P	
AC/SCN	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	7.4	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/SEP/RH	061 231 500	G1	4	1.5	250	100	9	7.5	200	100	7.5	B7	P	
ACTH1	645 231 700	G1	4	2.7	250	100	6	3	100	60	3.5	B7	TH	
ACTH1A	271 640 330	G1	4	3	250	100	3	3.5	100	100	3.5	H08	TH	
ACTP	571 231 640	G1	4	3	150	200	5.5	1.4	100	60	1.4	B9	TP	
ACTV	542 310 000	A1	4	200	75	5	3.6	250	200	3.4	B5	P		
ACTV	542 310 000	A1	4	200	75	5	3.6	250	200	3.4	B5	P		
ACTV	542 310 000	A1	4	1.5	200	75	9.3	2.7	200	75	3.3	B5	P	
AC/VP	041 231 500	A1	4	1.5	200	100	5.7	2.5	200	100	3	B7	P	
AC/VP	542 310 000	A1	4	1.5	200	100	5.7	2.5	200	100	3	B5	P	
ACVPB	061 231 500	G1	4	1.5	250	150	12	4	250	200	4	B7	P	
AC/VP1	041 231 500	G1	4	2.8	250	200	7.4	2	100	150	2	B7	P	
AC/VP2	061 231 500	G1	4	2.8	250	200	7.4	2	100	150	2	B7	P	
ACVP4	041 231 500	A1	4	1.5	250	100	6	3	200	100	3	B7	P	
ACTS	542 310 000	A1	4	1.5	200	75	4.4	2	200	75	3	B5	P	
ACTS4	542 310 000	A1	4	2	250	50	6	2	200	60	2	B5	P	
ACTV	045 231 600	G2	4	10	250	250	32	3.5	100	100	3.5	B7	P	
ACTC	045 231 600	G2	4	10	250	250	32	3.5	100	100	3.5	B7	P	
ACTY	045 231 600	G2	4	10	250	250	32	3.5	100	100	3.5	B7	P	
AC/Z	642 310 000	G2	4	5.5	250	250	32	7.5	100	150	8	B7	P	
AC/Z	045 231 600	G1	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							BEC		15mA	U34	R	
AD1	023 004 060		4	45	250	60	6	100	100	6	88C	T		
AD1/350	023 004 060		4	66	400	42	60	100	100	88C	T			
AD1N	023 004 060		4	300	300	60	40	100	100	88C	T			
ADU1	642 310 000		20	10	200	40	3.5	100	100	3.5	B5	T		
ADU	642 310 000		20	10	200	40	3.5	100	100	3.5	B5	T		
ADHP	642 310 000		20	3	200	100	5	3.5	100	100	3.5	B5	T	
ADHP	041 231 500	A1	20	13	200	20	3	100	200	2.8	B7	P		
ADHP	041 231 500	A1	20	15	200	20	3	100	200	2.8	B7	P		
ADHP	642 310 000		20	15	200	20	3	100	200	2.8	B7	P		
ADHP	041 231 500	A1	20	15	200	20	3	100	200	2.8	B7	P		
AE	265 413 000		13	13.5	100	100	8.5	1.6	100	90	1.6	U36	P	
AE	281 300 000		2,5						BEC		20mA	U34	R	
AE	542 310 000	A1	4	2	250	100	4.2	1.8	250	100	1.8	88C	P	
AE	023 110 560	G1	4	2	250	100	3	2.1	250	100	2.1	88C	P	
AE	023 110 560	G1	4	2	250	100	3	2.1	250	100	2.1	88C	P	
AF8	026 546 310		6	2	200	50	3.5	100	100	60	A08	O		
AF8	289 300 000		5	4	200	50	3.5	100	100	60	20mA	U34	RR	
AG	642 310 000		4	3	150	5	2	125	200	2.5	B4	T		
AG	642 300 000		4	2	250	75	3	1.8	200	75	1.8	88C	P	
AG	023 145 560	G1	4	2	250	75	3	1.8	200	75	1.8	88C	P	

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

A2087	8*2 380 100		4,4	3	200	5	2.3	100	D	2	B7	R	
A2118	642 350 000		20	7.8	150	55	9.5	100	100	9	B7	P	
A2134	412 36* 500		6	12.5	150	50	8.5	100	D	100	B9A	P	
A2236	*41 23* *51	A1	6,3	12.5	150	50	8.5	100	D	100	B9A	P	
A2272	21* *13* *13	D1	6								B9G	R	
A2293	*1* 234 *+6		6,3	13.5	150	50	8	No Data Available	No Data Available	A08	T		
A2426	*2* 54* 310	A1	6,3	1	150	15	15	No Data Available	No Data Available	A08	T		
A2521	411 414 234		6,3	1	150	16	15	No Data Available	No Data Available	B9A	T		
A2599	411 231 146		6,3	1	150	16	15	No Data Available	No Data Available	B9A	T		
A2637	120 040 300	A1	6,3	7.0	20	1.0	0.6	No Data Available	No Data Available	A08	T		
A2674	211 403 506		6,3	1.4	200	190	23	30	No Data Available	B9A	P		
A2688	412 314 600		6,3	1	100	12	11.5	No Data Available	No Data Available	B7	T		
A2718	*26 541 310		6,3	19	250	200	50	100	100	A08	P		
A2744	414 464 234		6,3	1	150	16	15	No Data Available	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	15.5	150	15	16	No Data Available	No Data Available	B9A	T		
A3064	*41 23* *51	A1	6,3	12.5	150	50	8.5	No Data Available	No Data Available	B9A	T		
A3084	412 361 500		6,3	1.6	250	250	10	7.6	100	100	B7	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		
A461	274 164 130		6	5.2	250	6	2.7	D	D	B8A	TT		
A491E	182 310 900		6,3			5				B7	DD		
A491E	023 170 980		4					D	D	88C	DD		
AB1	902 310 060	D1	4	7	250	4	2	100	D	B5	DD		
AB1	021 198 060	G1	6	2	250	1.2	1.6	100	1.4	B7G	DDT		
AB1	412 389 600	G1	4	6	250	36	9	100	150	9.0	USC	DDP	
AB1	021 198 560	G1	4	38	300	50	5	100	5	B7	T		
AC/042	642 300 000		4	28	300	50	5	100	5	B4	T		
AC/044	642 300 000		4	22	250	48	3	100	No Data Available	B4	T		
AC/064	642 300 000		4	21	200	20	3	100	3	B4	T		
A0084	642 300 000		4	22	300	17	1.1	100	1.1	B4	T		
A0084N	642 300 000		4	100	21	2.5	100	2.5	B4	T			
ACT01	631 300 000	G1	4	1.6	60	2.6	60	60	2.8	B5A	T		
ACT2	023 100 060	G1	4	5.5	250	6	2.5	100	2.5	88C	T		
ACT2DD	869 231 500	G1	4	5	250	32	32	100	150	150	B7	DDP	
AC2/HL	642 310 000		4	1.2	250	2.5	6.5	100	5	B5	T		
AC2/Phn	045 231 600		4	5.3	250	32	8.5	100	150	8	B7	DDP	
AC2/PhnDD	869 231 500	G1	4	5.3	250	32	8.5	100	150	8	B7	DDP	
AC3/Phn	045 231 600		4	3	250	250	36	9	100	100	9	B7	P
AC4/Phn	045 231 600		4	7	250	250	36	11	100	100	10	B7	P
AC5/Phn	045 231 600		4	8.5	250	250	40	9.4	100	150	9.9	B7	P
AC5/PhnDD	869 231 500	G1	4	8.5	250	250	40	9.4	100	150	9.4	B7	DDP
AC6/Phn	045 231 000		4	6.9	300	225	63	9.5	100	100	8.5	B7	P
AG101	602 310 000	G1	4	5.5	250	7	2.7	100	7	B5	T		
AG104	642 310 000		4	10	150	8.5	3.5	100	3.5	B5	T		
AG701	103 060 020		4	1.6	40	0.5	0.7	No Data Available	No Data Available	BBD	T		
AGD	802 310 000</												

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE		
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
													BASE	
B65	471 461 230			6	8	250	9	2.6	100	2.6	100	2.6	A08 TT	
B105	264 300 000			1-4	18	150	8	1.0	100	1.0	100	1.0	B4 T	
B109	741 236 410			26	1.5	200	10	6.2	100	6	100	6	B9A TT	
B152	741 226 413			6	2	290	10.0	5.5	200	5	200	5	B9A TT	
B203	642 300 000			2	26	150	11	1.5	100	1.5	100	1.5	B4 T	
B204	264 300 000			2	22.5	125	8	0.9	100	0.9	100	0.9	UX4 T	
B205	264 300 000			2	18	150	7	1.2	100	1.2	100	1.2	B4 T	
B207	264 300 000			2	18	150	7	1.2	100	1.2	100	1.2	B4 T	
B217	642 300 000			4-5	4.5	150	3	1.3	100	1.3	100	1.3	B4 T	
B217	264 300 000			2	4.5	150	3	1.3	100	1.3	100	1.3	UX4 T	
B218	264 300 000			2	1	150	2	1.2	100	1.2	100	1.2	B4 T	
B219	446 230 000			2	1	150	2	1.2	100	1.2	100	1.2	B4 T	
B240	264 473 000			2	0	200	75	4.5	1.1	100	75	1.1	B4 P	
B242	542 300 000			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	100	1.2	B4 P	
B255	254 300 000			A	2	1	150	100	1.8	1.2	100	1.2	B4 P	
B262	265 300 000			A	2	1	150	100	1.8	1.2	100	1.2	B4 P	
B262	265 300 000			G1	2	1	150	100	1.8	1.2	100	1.2	UX4 P	
B309	741 226 413			6	2	250	10	5.5	100	5.5	100	5.5	B9A TT	
B319	147 234 116			7.5	1.5	90	12	6	100	6	100	6	B9A TT	
B319	741 226 413			6	8.5	250	10.5	2.2	100	2.2	100	2.2	B9A TT	
B339	741 226 413			6	2	250	1.2	1.6	150	1.6	150	1.6	B9A TT	
B342	265 300 000			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	80	9	B9A TT	
B403	642 300 000			4	30	150	15	1.5	100	1.5	100	1.5	B4 T	
B403	264 300 000			4	30	150	15	1.5	100	1.5	100	1.5	UX4 T	
B405	264 300 000			4	18	150	11	1.6	100	1.6	100	1.6	B4 T	
B405	264 300 000			4	18	150	11	1.6	100	1.6	100	1.6	UX4 T	
B406	642 300 000			4	15	150	8	1.4	100	1.4	100	1.4	B4 T	
B406	264 300 000			4	15	150	8	1.4	100	1.4	100	1.4	UX4 T	
B409	642 300 000			4	16	250	12	2	100	2	100	2	B4 T	
B409	264 300 000			4	16	250	12	2	100	2	100	2	UX4 T	
B415	264 300 000			4	4.5	150	3	2	100	2	100	2	UX4 T	
B424	642 300 000			4	2.3	200	6	2.5	150	2.5	150	2.5	B4 T	
B424	264 300 000			4	2.3	200	6	2.5	150	2.5	150	2.5	UX4 T	
B424S	642 300 000			4	3	200	6	2.5	100	2.5	100	2.5	B4 T	
B425	642 300 000			4	4.5	150	3	2	100	2	100	2	B4 T	
B425	264 300 000			4	4.5	150	3	2	100	2	100	2	UX4 T	
B438N	642 310 000			4	3.5	200	6	2	100	2	100	2	B5 DT	
B438	642 300 000			4	2.5	200	0.2	2	150	2	150	2	B4 T	
B438	264 300 000			4	2.5	200	0.2	2	150	2	150	2	UX4 T	
B438S	642 300 000			4	1.5	200	2	2	150	2	150	2	B4 T	
B442	542 300 000			4	1	200	100	4.5	0.9	200	100	0.9	B4 P	
B442M	542 300 000			A1	1	200	100	4.5	0.9	100	100	0.9	B4 P	
B442M	254 300 000			A1	1	200	100	4.5	0.9	100	100	0.9	UX4 P	
B442S	542 300 000			A1	1	200	100	4.5	0.91	100	100	0.9	B4 P	
B443	264 300 000			4	17	200	150	12	1.2	100	150	1.2	UX4 P	
B443S	642 300 000			G2	4	12	250	75	12	1.6	100	60	1.6	B5 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	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
B543S	642 350 000			G2	5	15	200	150	12	1.3	150	100	1.3	B5 P
B543S	264 300 000			G2	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	100	1.8	B4 T	
B605	264 300 000			6	18	150	9	1.8	100	1.8	100	1.8	UX4 T	
B609	642 300 000			6	18	250	12	1.8	100	1.8	100	1.8	UX4 T	
B729	741 236 410			6	2	250	10	6	250	10	6	250	1.8	B4 T
B729	264 300 000			6,3	2	200	10	3.4	100	3.4	100	3.4	B9A TT	
B2006	642 310 000			20	18	200	15	1.6	100	1.6	100	1.6	B5 T	
B2018	642 310 000			20	1	100	6	2.3	100	2.3	100	2.3	B5 T	
B2041	602 300 000			G1	20	1	100	2.5	0.1	100	60	0.1	B4 P	
B2042	542 310 000			A1	20	2	200	60	1	100	60	1	B5 P	
B2043	642 310 000			G2	20	18	200	20	1.7	100	100	1.7	B5 P	
B2044	218 004 510			20	4	200	60	0.7	2.8	100	60	0.7	A08 P	
B2044S	642 310 000			D1	20	3	200	60	4	1.8	100	60	1.8	B5 DT
B2045	542 310 000			A1	20	2	200	60	4	1.8	100	60	1.8	B5 P
B2046	642 310 000			A1	20	2	200	100	3	2.2	100	100	2.2	B5 P
B2047	542 310 000			A1	20	2	200	100	4	2	100	100	2	B5 P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE		
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
													BASE	
AH100	023 145 560			G1	4	2.5	200	100	5.5	1.5	100	1.5	85C P	
AH105	542 310 000			A1	4	2	200	125	4.5	2.3	100	2.3	B5 P	
AH2	123 164 370			G1	4	2	100	75	4.2	0.9	80	75	0.9	85C P
AL1	023 004 560			A1	4	15	250	75	4.5	2.2	100	75	2	85C P
AL2	023 100 560			G1	4	25	250	36	2.8	2.8	100	150	2.6	85C P
AL2/375	023 100 560			G1	4	25	250	36	2.6	2.6	100	150	2.6	85C P
AL3	245 231 600			A1	4	3	245	230	36	9	100	150	9	B7 P
AL3	023 104 560			A1	4	6.5	250	250	36	9	100	150	8	85C P
AL4	145 231 600			A1	4	3	250	250	36	9	100	150	9	B7 P
AL4	023 104 560			A1	4	6.5	250	250	36	9	100	150	8	85C P
AL4/375	145 231 600			A1	4	6	250	250	34	9	100	150	8	B7 P
AL4/375	023 104 560			A1	4	6	250	250	34	9	100	150	8	85C P
AL5	145 231 600			A1	4	14	250	275	72	8.5	100	150	7	B7 P
AL5/375	023 104 560			A1	4	14	250	275	72	8.5	100	150	6	85C P
AL60	041 231 500			A1	4(5)	7	250	250	72	14.5	100	150	8.5	B7 P
AL60	902 331 460			2,4	7	200	150	35	6	100	100	4	88D T	
AL65	642 310 000			4	12	250	190	30	6	100	100	4	B8A T	
AL860	902 331 460			4,8	7	250	190	30	6	100	100	4	B8A T	
AK6E	045 231 600			4	14	250	230	72	9	100	150	8	B7 P	
AK4092	642 310 000			D1	4	3.5	200	6	2	100	150	2	B5 DT	
APF4G	041 231 500			A1	4	6	250	250	36	10	100	100	8	B7 P
APF4G	642 310 000			A1	4	1.5	200	250	36	5	150	150	5	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE	
				Mag. Unit Volts	Anode Volts	Screen Volts	Ib mA	mA/V	Anode Volts	Screen Volts	mA/V		
													BASE
CK5639A	412 163 510	6.3	6.3	150	100	21	9	150	100	100	100	BBD P	
CK5654	412 365 100	6.3	6.3	2	150	125	7.5	5	100	100	100	B7G P	
CK5656	544 231 671	6.3	6.3	2	150	125	5.5	5.8	100	100	100	B9A PP	
CK5670	214 607 413	6.3	6.3	2	150	125	8.5	5.5	100	100	100	B9A TT	
CK5672	653 430 000	1.2	6.5	6.5	60	60	3.2	0.6	No Data Available	B5A P		B5A P	
CK5676	624 300 000	1.2	5	150	4	1.6	100	100	100	100	100	B5A T	
CK5677	624 300 000	1.2	5.5	150	1.9	0.8	100	100	100	100	100	B5A T	
CK5678	652 430 000	1.2	1.8	1.8	1.1	No Data Available	B5A P					B5A P	
CK5687	641 221 437	6.3	3	150	36	11	100	100	100	100	100	B9A TT	
CK5692	461 471 230	6.3	3	250	6.5	2.2	100	100	100	100	100	A08 TT	
CK5693	136 447 310	6.3	6	200	7	3.2	100	100	100	100	100	B4B TT	
CK5694	136 447 310	6.3	9	10	3.2	100	100	100	100	100	100	A08 TT	
CK5697	652 400 000	6.3	12	100	0.2	0.1	No Data Available	B5A T				B5A T	
CK5702	663 420 000	6.3	150	125	7.5	5	100	100	100	100	100	B7G P	
CK5702MA	663 420 000	6.3	150	125	7.5	5	100	100	100	100	100	B7G P	
CK5702WB	663 420 000	6.3	150	125	7.5	5	100	100	100	100	100	B7G P	
CK5703	653 420 000	6.3	6.3	150	125	7.5	5	100	100	100	100	B7G P	
CK5703MA	623 410 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5703WB	623 410 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704A	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704B	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704C	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704D	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704E	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704F	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704G	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704H	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704I	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704J	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704K	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704L	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704M	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704N	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704O	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704P	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704Q	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704R	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704S	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704T	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704U	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704V	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704W	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704X	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704Y	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5704Z	623 100 000	6.3	6.3	150	9	5	100	100	100	100	100	B5A T	
CK5705	614 224 173	6.3	0.9	100	10.5	2.2	100	100	100	100	100	B5A TT	
CK5755	652 311 400	6.3	2	150	125	5.2	3.2	100	100	100	100	B7G P	
CK5764	652 311 400	6.3	2	150	125	5.2	3.2	100	100	100	100	B7G P	
CK5784A	652 311 400	6.3	2	150	125	5.2	3.2	100	100	100	100	B7P P	
CK5784B	652 311 400	6.3	2	150	125	5.2	3.2	100	100	100	100	B7P P	
CK5785	823 000 000	1.2	1.2	2	40	40	0.5	No Data Available	B5A P			B5A P	
CK5814	741 226 413	6	8.5	250	10.5	2.2	100	100	100	100	100	B9A TT	
CK5815	812 39 100	6.3	6.3	150	10	5	100	100	100	100	100	B7P DD	
CK5820A	812 39 100	6.3	6.3	150	10	5	100	100	100	100	100	B7P DD	
CK5851	206 035 240	1.2	7.5	150	125	5.5	1.6	100	100	100	100	BBD P	
CK5854	652 430 000	1.2	2	40	0.8	0.5	No Data Available	B5A P				B5A P	
CK5875	264 114 730	6.3	3	150	90	3.5	2.9	100	100	100	100	B8D TT	
CK5875	652 430 000	1.2	1.2	90	90	3.5	2.5	80	75	80	75	B5A P	
CK5881	826 540 310	6.3	14	150	250	7.5	6.1	100	100	100	100	A08 P	
CK5910	265 024 300	1.4	1.4	90	90	1.6	0.9	100	100	100	100	B7G P	
CK5965	641 227 413	6.3	6.3	150	8.2	6.5	100	100	100	100	100	B9A TT	
CK5967	624 334 270	1.2	40	3	0.1	No Data Available	BBD TT					BBD TT	
CK5968	624 334 270	1.2	3	150	40	6	1.7	No Data Available	BBD TT			BBD TT	
CK5969	245 675 430	1.2	3	150	40	6	1.7	No Data Available	BBD TT			BBD TT	
CK5970	245 675 430	1.2	3	150	40	6	1.8	No Data Available	BBD TT			BBD TT	
CK5971	642 430 000	1.2	60	60	3.5	2.1	No Data Available	B5A T				B5A T	
CK5972	652 430 000	1.2	60	60	2.5	1.3	No Data Available	B5A T				B5A T	
CK5975	614 230 000	6.3	6.3	100	10	5.1	100	100	100	100	100	B5A T	
CK5995	842 310 000	6.3	12.5	250	250	4.5	4.1	100	150	150	150	B7G P	
CK6005	412 365 400	6.3	6.3	100	6.5	5.4	100	100	100	100	100	B7G P	
CK6021	642 113 470	6.3	6.3	100	6.5	5.4	100	100	100	100	100	BBD TT	
CK6029	624 300 000	1.2	4	90	11	2	80	3	80	3	80	3	B5A T
CK6050	624 300 000	1.2	4	150	4	1.6	100	2	100	2	100	2	B5A T
CK6051	652 430 000	1.2	4	40	4	3	1.2	No Data Available	B5A P			B5A P	
CK6068	653 420 000	1.2	1.2	40	40	0.6	No Data Available	B5A P				B5A P	
CK6092	653 420 000	1.2	4.5	40	40	1.4	0.6	No Data Available	B5A P			B5A P	
CK6100	602 364 100	6.3	8.5	250	10.5	2.2	100	100	100	100	100	B7G T	
CK6101	672 344 100	6.3	6.3	100	9	6	100	6	100	6	100	6	B7G TT
CK6110	812 093 100	6.3	6.3	100	100	100	100	100	100	100	100	100	BBD DD
CK6110	812 093 100	6.3	6.3	100	100	100	100	100	100	100	100	100	BBD DD
CK6112	642 113 470	6.3	6.3	100	8.5	5	100	5	100	5	100	5	BBD TT
CK6112	642 113 470	6.3	6.3	100	8.5	5	100	5	100	5	100	5	BBD TT
CK6135	602 364 100	6.3	8.5	250	10.5	2.2	100	100	100	100	100	100	B7G T
CK6147	206 035 240	1.2	7.5	150	125	5.5	1.6	100	100	100	100	100	BBD P
CK6152	614 230 000	6.3	6.3	100	10	5.1	100	100	100	100	100	100	B5A T
CK6186	412 365 100	6.3	6.3	250	150	7	5	100	100	100	100	B7G P	
CK6201	641 227 413	6.3	6.3	250	20	30	3.3	No Data Available	B7G P			B7G P	
CK6245	652 311 400	6.3	6.3	250	20	30	3.3	No Data Available	B7G P			B7G P	
CK6247	442 613 060	6.3	6.3	250	250	2.6	2.6	100	100	100	100	BBD T	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE	
				Mag. Unit Volts	Anode Volts	Screen Volts	Ib mA	mA/V	Anode Volts	Screen Volts	mA/V		
													BASE
CK6247MA	442 613 060	6.3	6.3	250	250	2.6	2.6	100	100	100	100	BBD T	
CK6286	624 300 000	1.2	2	60	60	2.1	No Data Available	B5A T				B5A T	
CK6297	206 035 240	1.2	7.5	150	125	7.2	2	100	100	100	100	BBD P	
CK6414	741 226 413	6.3	6.3	200	20	0.2	0.3	No Data Available	B5A P			B5A P	
CK6418	652 430 000	1.2	1.2	20	20	0.2	0.3	No Data Available	B5A P			B5A P	
CK6419	652 430 000	0.6	0.6	12	12	No Data Available	B5A P					B5A P	
CK6485	412 365 100	6.3	6.3	300	150	10	9	100	100	100	100	B7G P	
CK6519	653 420 000	1.2	1.2	20	20	0.4	0.4	No Data Available	B5A P			B5A P	
CK6526	652 430 000	1.2	6	100	100	0.5	1.9	100	100	100	100	B5A P	
CK6533	644 612 360	6.3	6.3	150	150	1.7	1.7	100	100	100	100	BBD T	
CK6533MA	644 612 360	6.3	6.3	150	150	1.7	1.7	100	100	100	100	BBD T	
CK6540	652 311 400	6.3	6.3	100	8.5	5	100	8.5	5	100	8.5	5	BBD TT
CK6541	642 113 470	6.3	6.3	100	100	0.8	1.8	100	100	100	100	B7G TT	
CK6562</													

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER				TYPE
				Mag. Crnk. Volts	Screen Volts	mA	mA/V	Anode Volts	Screen mA/V	Anode Volts	Screen Volts	BASE mA/V		
													mA	
DL145	264 098 130		15	5.9	250	5	2.3	150	No Data Available	2.3	B8A	DDT		
DL161	654 230 000		1.4	1.4	20	3	1	100	No Data Available	3.7	B5	T		
DL167	653 420 000		1.2	2.8	4.5	150	1.2	150	1.2	150	1.2	BT	DDT	
DL192	264 536 200		1.4	7	60	60	7	1.5	No Data Available	1.5	B8A	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	150	125	15	3.1	125	125	3.1	B7G	P		
DL697	365 004 200		1.4	7	60	60	7	1.5	No Data Available	B7G	P			
DL682	264 536 200		1.4	7.5	100	60	9.5	2.9	150	60	2.9	B7G	P	
DL963	265 436 200		1.2	7.5	150	60	10	2.2	100	60		B7G	P	
DL121	246 947 230		1.4	8.7	150	125	17	125	125	125		A08	PP	
DL123	046 947 230		1.4	9.4	150	125	17	125	125	125		B0G	PP	
DL131	326 447 230		1.4	5	90	90	3	80	75		A08	PP		
DL1701	264 574 300		1.4	7	90	60	8.2	1.1	80	60	1.2	B7G	PP	
DL1102	264 574 300		1.4	40	40	1.3	0.5	80	60			B7G	PP	
DL251	023 004 560		C	17	250	200	5	100	100			B5C	P	
DL41	968 231 900		G1	3.3	250	200	32	9.5	100	150	9	B7	DDP	
DL143	264 536 200		6	6.2	250	275	4	9.5	100	150	5	B8B	DDP	
DL224	642 300 000		4	40	400	63	7.5	100		6.0	E4	T		
DL225	642 300 000		6	75	300	60	3.7	100		3.7	B4	T		
DL226	642 300 000		4	92	400	63	3.8	100		3.8	B4	T		
DL300	642 300 000		4	100	400	60	6.9	100		6	B4	T		
DL402	918 236 500		4	6	250	270	36	9.5	100	150	8	B7	DDP	
DL7	264 008 030		16	7.5	200	25	6	100		6	A08	DT		
DL25	642 350 000		4	5	250	250	10	4	100	150	4	B5	P	
DL27	023 004 560		4	20	250	20	2.5	100	2.5	SSC	P			
DL651	412 365 100		6	8.5	200	125	7.7	5.1	150	150	4	B7G	P	
DL495/6	869 231 900		G1	4	6.5	250	35	9.5	100	150	5	B7	DDP	
DL4480	819 236 500		G1	44	8.4	200	200	46	8	100	100	7	B7	DDP
DL7/Pea	045 231 600		16	10	200	200	31	3.5	100	100	3.5	B7	P	
DL27	045 210 000		16	10	200	200	40	3	100	150	3	B5	P	
DL27	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	75	1.1	B5	P
DL8B	900 231 600		G1	13	3	200	4	2.5	150		2.5	B7	T	
DL8B	542 310 000		A1	16	1.5	200	75	2.8	1.1	200	7			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ib mA	mA/V	Anode Volts	Screen Volts	BASE mA/V	
EC189	641 227 410		6.3	1.2	90	15	12.5	No Data Available	B9A	TT		
EC230	461 471 230		6	30	100	100	6.5	No Data Available	A08	TT		
EC282	641 227 413		6.3	11.8	100	100	3.1	No Data Available	B9A	TT		
EC681	641 227 413		6.3	10	250	10	5.5	100	B9A	TT		
EC681S	641 227 413		6.3	250	10	5.5	100	100	B9A	TT		
EC682	641 227 413		6.3	8.5	250	10.5	2.2	100	B9A	TT		
EC682S	641 227 413		6.3	8.5	250	10.5	2.2	100	B9A	TT		
EC683	641 227 413		6	2	250	1.2	1.6	100	B9A	TT		
EC683S	641 227 413		6.3	2	250	1.2	1.6	100	B9A	TT		
EC684	641 237 410		6.3	7.7	200	10	3.4	100	B9A	TT		
EC687	147 231 064		6.3	1.5	250	1.3	2.4	100	B9A	TT		
EC687S	641 237 414		6.3	1.9	250	1.2	1.6	100	B9A	TT		
EC685	641 237 410		6.3	14	200	8.7	6	100	B9A	TT		
EC685S	641 237 410		6.3	2.1	100	8.5	6	100	B9A	TT		
EC686	672 344 100		6.3	1.7	150	8.5	6	100	B9A	TT		
EC686S	672 344 100		6.3	1.7	150	8.5	6	100	B9A	TT		
EC687	141 237 416		6.3	20	100	25	16	No Data Available	B9A	TT		
EC687S	641 237 414		6.3	20	100	25	16	No Data Available	B9A	TT		
EC688	023 164 570	G1	6.3	3	150	5	2.2	100	B9A	TT		
EC688S	023 164 570		6.3	2	250	100	3	150	B9A	TT		
EC689	642 371 450		6	2	250	100	11	100	B9A	TT		
EC689S	642 371 450		6	2	250	100	11	100	B9A	TT		
EC690	645 237 114		6	3	250	200	7	5.5	150	B9A	TT	
EC692	645 237 114		6	1	150	18	8.5	100	B9A	TT		
EC693	146 237 514		6.3	3.7	60	6.5	3.6	80	B9A	TT		
EC696	141 234 675		6	1.2	200	150	10	12	100	B9A	TT	
EC698	141 236 574		6.3	3	100	15	8.5	100	B9A	TT		
EC698S	141 236 574		6.3	1.2	150	100	10	100	B9A	TT		
EC699	141 237 564		6.3	2	200	3.5	3.5	100	B9A	TT		
EC699S	141 237 564		6.3	1	100	100	6	5.5	100	B9A	TT	
EC699T	645 237 114		6.3	1.5	150	13.5	7.2	100	B9A	TT		
EC699S	657 231 414		6.3	3	100	14	5.5	100	B9A	TT		
EC699T	141 237 564		6.3	1.5	100	10	11	100	B9A	TT		
EC699T	141 237 564		6.3	1.2	200	150	10	12	No Data Available	B9A	TT	
EC699T	023 164 570	G1	6	2.5	100	3.2	5.5	100	B9A	TT		
EC699T	023 164 570	G1	6	2	250	100	2.4	100	B9A	TT		
EC699T	027 546 310	G	6	2	100	4.8	2.5	200	B9A	TT		
EC699T	123 614 570	G1	6	2	250	100	4.8	2.5	100	B9A	TT	
EC699T	127 546 310	G	6.3	2	100	6.3	2.7	100	B9A	TT		
EC699T	642 371 450	G	6	2	250	200	6.5	2.6	100	B9A	TT	
EC699T	276 454 130	G	6	2	250	100	4.7	2.5	100	B9A	TT	
EC699T	276 454 130	G	6	2	100	6.2	2.4	100	B9A	TT		
EC699T	027 546 310	G1	6	2	250	90	5.3	2.2	100	B9A	TT	
EC699T	027 546 310	G1	6	2	100	5	2.4	100	B9A	TT		
EC699T	027 546 310	G1	6	2	200	100	3	2.8	100	B9A	TT	
EC699T	276 454 130	G1	6	2	250	100	5.4	2.2	100	B9A	TT	
EC699T	276 454 130	G1	6	2	100	3	2.2	100	B9A	TT		
EC699T	276 454 130	G1	6	2	250	100	8	2	100	B9A	TT	
EC699T	276 454 130	G1	6	2	100	8	2	100	B9A	TT		
EC699T	276 454 431	G1	6	2	250	100	3	0.7	100	B9A	TT	
EC699T	541 231 674	G1	6.3	2	75	5	5	100	B9A	TT		
EC699T	541 237 164	G1	6	3	100	5	2.3	100	B9A	TT		
EC699T	541 237 564	G1	6	0.25	12	0.7	1.4	No Data Available	B9A	TT		
EC699T			6	0.5	12	1.2	0.4	0.7				

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ib mA	mA/V	Anode Volts	Screen Volts	BASE mA/V		
													mA/V
EC701	023 189 560	G1	6	3	250	125	9	1.1	100	1.1	B9A	ITP	
EC702	023 189 560	G1	6.3	2	250	100	5	1.8	100	1.8	B9A	ITP	
EC703	206 361 130	G1	6.3	2	250	100	5	1.8	100	1.8	B9A	ITP	
EC704	892 361 450		6	2	250	100	12	5	100	5	B9A	ITP	
EC705	982 361 450		6	2	250	100	12	5	100	5	B9A	ITP	
EC706	268 954 130		6	3.2	250	100	7.5	2.2	100	100	B9A	ITP	
EC707	026 895 310		6	2	250	100	5	1.8	100	1.8	A08	ITP	
EC708	026 895 310		6	2	250	100	5	1.8	100	1.8	A08	ITP	
EC709	216 589 130		6	2	250	100	5	1.8	100	1.8	A08	ITP	
EC710	541 236 891		6	2	250	100	5	2.2	100	90	2.2	B9A	ITP
EC711	541 236 891		6	2	250	100	5	2.2	100	90	2.2	B9A	ITP
EC712	541 236 891		6	2	250	100	5	2.2	100	90	2.2	B9A	ITP
EC713	541 236 891		6.3	12	12	0.4	1	No Data Available	B9A	ITP			
EC714	541 236 891		6.3	2	250	100	3	1.8	100	1.8	B9A	ITP	
EC715	892 541 360		6.3	3.2	250	80	6	3	100	100	B9A	ITP	
EC716	023 189 560	G1	6	6	250	250	36	9.5	100	150	9	B9A	ITP
EC717	264 598 130		6	6	250	250	36	9	150	150	9	B9A	ITP
EC718	026 895 310		6	6	250	250	36	9.5	100	150	9	A08	ITP
EC719	264 598 130		6	6	250	250	44	9.5	250	200	1.5	B9A	ITP
EC720	023 100 060		6	5.5	250	6	2.5	100	200	1.5	B9A	ITP	
EC721	206 401 003		6	4	250	5	2.7	100	2.5	B9A	ITP		
EC722	026 040 310		6	16	250	20	3.2	100	3.2	A08	ITP		
EC723	244 644 130		6	1.5	300	15	12	100	9	B9A	ITP		
EC724	244 644 130		6	5.3	200	20	4.5	125	4	B9A	ITP		
EC725	241 000 003		6	2.6	250	10	6.5	100	6.5	B9A	ITP		
EC726	123 000 000	A101	6	3.3	200	7.5	2.9	100	2.9	B9A	ITP		
EC727	244 644 413		6	1.5	250	10	9	100	7	B9A	ITP		
EC728	*21 040 310	A101	6.3	1.8	200	30	15	No Data Available	A08	ITP			
EC729	*21 040 310	A101	6.3	1.8	200	30	15	No Data Available	A08	ITP			
EC730	462 603 160		6.3	2	100	13	5.5	100	5.5	B9A	ITP		
EC731	402 013 060		6.3	1.5	250	15	12	150	10	B9A	ITP		
EC732	401 230 446		6	2	150	30	5.5	100	3	B9A	ITP		
EC733	401 230 060		6	2	150	30	5.5	100	3	B9A	ITP		
EC734	414 464 234		6.3	1.1	150	16	10	100	10	B9A	ITP		
EC735	641 234 146		6.3	1.5	75	12	14	No Data Available	B9A	ITP			
EC736	641 234 146		6.3	1.5	200	12	14	No Data Available	B9A	ITP			
EC737	414 234 464		6.3	1.2	150	10	10	No Data Available	B9A	ITP			
EC738	672 364 100		6	8.5	250	10.5	2.2	100	3.3	B7C	ITP		
EC739	412 314 600		6	2	250	6	8.5	200	8	B7C	ITP		
EC740	602 304 100		6	2	250	10	5	100	5	B7C	ITP		
EC741	642 314 600		6.3	4	100	16	8	100	8	B7C	ITP		
EC742	642 314 600		6.3	2.5	100	16	6.6	100	6.6	B7C	ITP		
EC743	412 314 600		6.3	1.2	200	10	10.5	No Data Available	B7C	ITP			
EC744	412 314 600		6.3	1	200	11.5	6.7	100	5	B7C	ITP		
EC745	142 326 100		6.3	1	150	11	13	No Data Available	B7C	ITP			
EC746	412 344 600		6.3	1.3	150	13.5	13.5	No Data Available	B7C	ITP			
EC747	*21 040 310	A1 G1	6.3	2	200	44	22	No Data Available	A08	ITP			
EC748	*21 040 310	A1 G1	6.3	4	200	68	15	No Data Available	A08	ITP			
EC749	462 603 160	A1 G1	6.3	2.4	150	13	6.5	100	8	B7C	ITP		
EC750	641 234 146		6.3	200	12	14	No Data Available	B9A	ITP				
EC751	412 344 600		6.3	1	100	11.5	14.5	No Data Available	B7C	ITP			
EC752	642 314 600		6.3	4	100	14	14.5	No Data Available	B7C	ITP			
EC753	102 *13 060	G1	6.3	2	80	14	14.5	No Data Available	B7C	ITP			
EC754	444 123 460		6.3	4.6	250	6	2.3	100	2.3	A08	ITP		
EC755	444 123 460		6.3	4.6	250	6	2.3	100	2.3	A08	ITP		
EC756	414 234 464		6.3	2.4	200	40	60	No Data Available	B9A	ITP			
EC757	414 234 464		6.3	2.4	200	40	60	No Data Available	B9A	ITP			
EC758	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC759	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC760	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC761	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC762	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC763	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC764	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC765	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC766	461 471 230		6	4.6	250	6	2.3	100	2.3	A08	ITP		
EC767	461 471 230												

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			
EBF1	023 189 560	G1	6	3	250	125	9	1.1	100	100	1.1	B8C	DDP	
EBF2	023 189 560	G1	6	2	250	100	5	1.8	100	150	1.8	B8C	DDP	
EBF2G	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	F8	DDP	
EBF15	982 361 450		6	2	250	100	12	5	100	100	5	F8	DDP	
EBF21	268 954 130		6	3.2	250	100	7.5	2.2	100	100		B8G	DDP	
EBF32	026 895 310	G1	6	2	250	100	5	1.8	100	100	1.8	A08	DDP	
EBF35	216 589 130	G1	6	2	250	100	5	1.8	100	100	1.8	A08	DDP	
EBF80	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP	
EBF81	541 236 891		6	2	250	75	6.7	1.1	100	100		B9A	DDP	
EBF83	541 236 891		6.3		12	12	0.4	1	No Data Available			B9A	DDP	
EBF89	541 236 891		6.3	2	250	100	9	3.8	100	100		B9A	DDP	
EBF171	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	B8C	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	B8C	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				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	
φECC91	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	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.	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			
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	
ECC813	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	
ECP1	023 164 570	G1	6.3	3	150		8	2.2	150		60	2.6	}8SC	TP
ECP12	642 371 450		6	2	250	100	5	2.5	100	100	2.5	2.5		
ECP80	645 237 114		6	2	100		14	5	100	100	2	2	}B9A	TP
ECP82	645 237 114		6	3	250	200	7	5.5	150	150	5	5		
ECP83	146 237 514		6.3	1	150		18	8.5	100	60	7	7	}B9A	TP
ECP86	141 234 675		6	1	250	100	10	5.2	100	100	5	5		
ECP801	141 236 574		6.3	3.7	60		6.5	3.6	80	60			}B9A	TP
ECP802	141 237 564		6.3	3	100	50	3	1.3	80	60				
ECP804	645 237 114		6.3	3	100		14	5.5	100	60	6	6	}B9A	TP
ECP805	657 231 414		6.3	1.2	200	150	10	12	100	100				
ECP8070	141 237 564		6.3		100		14	5.5	100	60	6	6	}B9A	TP
ECH2	023 164 570	G1	6	1.5	100	100	10	11	100	100				
ECH3	023 164 570	G1	6	1.2	200	150	10	12	No Data Available			B9A	TP	
ECH3G	027 546 310	G	6	1	100		15	8.5	100	60			}B9A	TP
ECH4	123 614 570	G1	6	2	150	150	7	11	100	100				
ECH4G	127 546 310	G	6.3	2	100		6.3	2.7	100	60	2.2	2.2	}A08	TH
ECH11	642 371 450		6	2	100		5	2.4	100	60	2.8	2.8		
ECH21	276 454 130		6	2	250	100	4.7	2.5	200	100	2.5	2.5	}B8B	TH
ECH33	027 546 310	G1	6	2	100	90	5.3	2.2	100	60	3.2	3.2		
ECH35	027 546 310	G1	6	2	100		5	2.4	100	60	2.8	2.8	}A08	TH
ECH41	276 454 130		6	2	200	100	3	2.8	100	100				
ECH42	276 454 130		6	2	100		6.3	2.7	100	60	2.2	2.2	}B8A	TH
ECH43	276 454 130		6	2	250	100	8	2	100	100	3.2	3.2		
ECH71	276 454 431		6	2	100		5	2.2	100	60	2.2	2.2	}B8A	TH
ECH80	541 23* 674		6.3	2	250	100	3	0.7	100	100				
ECH81	541 237 164		6	2	75		5		100	60			}B8B	TH
ECH83	541 237 564		6	2	250	75	3		100	80				
ECH81	541 237 164		6	3	100		5	2.3	100	60	2.3	2.3	}B9A	TH
ECH83	541 237 564		6	2	250	100	6.5	2.4	150	100	2.4	2.4		
ECH83	541 237 564		6	0.25	12		0.7	1.4	No Data Available			B9A	TH	
ECH83	541 237 564		6	0.5	12	12	0.4	0.7	No Data Available			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	I _a mA	mA/V	Anode Volts	Screen Volts	mA/V		
ECH84	441 237 564		6	1	50		3.7	8	No Data Available			B9A	TP
ECH113	276 454 130		6	2	150	12	1.7	2.2	100	60		B8A	TH
ECH171	642 544 371		6	2	250	90	3		100	100		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	2.5	250		2	2	100	60	2	F8	TP
ECL80	641 237 154		6	2.3	100		4	1.4	100	60	1.4	B9A	TP
ECL81	451 237 614		6	1.9	150	200	17.5	3.3	100	150	3	B9A	TH
ECL82	414 237 516		6.3	1	200	250	36	8.7	100	100		B9A	TP
ECL83	641 237 154		6.3	1.5	200		1.6	2.5	100	60	2.5	B9A	TP
ECL84	641 237 145		6	1.7	200	175	30	5.5	100	100	5	B9A	TP
ECL85	641 237 514		6	0.8	100	200	18	10.4	100	100		B9A	TP
ECL86	415 237 146		6	1.9	250	175	41	7.5	100	100		B9A	TP
ECL113	267 454 130		6	1	150	250	36	10	100	100		B8A	TP
ECLL800	647 234 115		6.3	9.0	100		4	0.05	100	60		B9A	TFP
ED111	266 104 430		6.3	9.0	250	250	26	6.0	100	100		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	PP
EEP1	023 180 560	G1	6.3	2.5	250	150	8	17	No Data Available			8SC	DP
EEP71	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	FP
EEL171	216 000 300	G1	6.3	2	100	50	3		100	60		B7	T
EEL171	036 080 200	G1	6.3	2	100	50	2		100	60		A08	DT
EP1	023 110 560	G1	6	2	250	100	3	2.3	100	100	2.3	8SC	P
EP2	023 110 560	G1	6	2	250	100	4.5	2.2	100	100	2.2	8SC	P
EP2S	023 110 560	G1	6.3	2	250	100	5	1.8	100	100		8SC	P
EP3	023 110 560	G1	6	2.5	250	100	8	1.8	100	100	1.8	8SC	P
EP5	023 110 560	G1	6	3	250	100	8	1.7	100	100	1.7	8SC	P
EP6	023 110 560	G1	6	2	250	100	3	2	100	100	2	8SC	P
EP6N	023 110 560	G1	6.3	2	250	100	3	2.1	100	100	2	8SC	P
EP7	023 110 560	G1	6	1.5	250	100	3	2.1	100	100	2.1	8SC	P
EP8	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
EP11	602 301 450		6	2	250	100	6	2.2	100	100	2	F8	P
EP12	602 301 450		6	2	250	100	3	2.1	100	100	2	F8	P
EP12spec.	602 301 450		6.3	2	250	100	3	1.7	100	100	1.5	F8	P
EP13	612 301 450		6	2	250	100	4.5	2.3	100	100	2	F8	P
EP14	612 350 140		6	4.5	200	200	12	7	100	150	6	F8	P
EP15	612 301 450		6	2	250	100	12	5.5	100	100	5	F8	P
EP22	265 104 130		6	2.5	250	100	6	2.2	100	100	2.2	B8B	P
EP25	023 110 560	G1	6	2	250	100	5	1.8	100	100	1.8	8SC	P
EP36	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	A08	P
EP37	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	A08	P
EP37A	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	A08	P
EP38	126 510 310	G1	6	2.5	250	250	8	1.8	100	150	1.8	A08	P
EP39	026 510 310	G1	6	2.5	250	100	6	2.2	100	100	2.2	A08	P
EP40	26* 145 130		6	2	250	150	3	1.8	100	150	1.8	B8A	P
EP41	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P
EP42	260 154 130		6	2	250	250	10	9.5	100	150	8	B8A	P
EP43	260 154 130		6	2	250	150	15	6.4	100	150	6	B8A	P
EP44	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
EP51	261 154 130		6	2	250	250	14	9.5	100	150	9	B8B	P
EP52	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	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
EF53	256 101 403		6	2	250	250	10	6.5	100	150	6.5	B9G	P
EF54	265 114 113		6	1.7	250	250	10	7.7	100	150	7	B9G	P
EF55	256 101 403		6	4	250	150	10	7	100	100	6	B9G	P
EF70	412 163 510		6	2	100	100	3	2.5	100	100	2.5	B8D	P
EF71	412 163 510		6	2	100	100	13	5.5	100	100	4.5	B8D	P
EF72	412 163 510		6	1.4	100	100	7	5	100	100	5	B8D	P
EF73	412 653 160		6	2	100	100	7.5	5.5	100	100	5	B8D	P
EF74	412 653 160		6.3	1.4	100	100	7	3.1	100	100	3	B8D	P
EF80	141 230 651		6	2	200	175	10	7.2	100	100	6	B9A	P
EF81	541 236 000		6.3	2.5	250	125	6	2.2	100	100		B9A	P
EF82	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P
EF83	501 236 014		6.3	1.6	250	50	4	1.6	100	100	2	B9A	P
EF85	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
EF86	501 236 014		6	2	250	150	3	2.3	100	100	1.8	B9A	P
EF87	501 236 014		6.3	2	250	100	3.3	1.9	100	100		B9A	P
EF88	501 236 014		6.3	2	250	100	7	2.1	100	100		B9A	P
EF89	041 230 651		6	2	250	100	9	3.6	250	100	3.6	B9A	P
EF89P	041 230 651		6.3	20	250	100	11	4.4	100	100	5	B9A	P
EF91	412 361 500		6	2	250	250	10	7.6	100	150	5	B7G	P
EF92	412 361 500		6	1.5	200	150	4	6.4	100	150	5	B7G	P
EF93	412 365 100		6	2.5	250	200	8	2.5	100	150	2.5	B7G	P
EF94	412 365 100		6	1	250	100	11.6	4.5	150	100	4	B7G	P
EF95	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
EF96	412 365 100		6	1.5	250	150	6.5	5	100	100	5	B7G	P
EF97	412 365 100		6.3	0.7	12	12			No Data Available			B7G	P
EF98	412 365 100		6.3	1	12	12	4.8	3	No Data Available			B7G	P
EF111	612 350 140		6.3	2	250	75	6	2.2	No Data Available			F8	P
EF112	612 350 140		6.3	2	250	100	3	2.1	100	100		F8	P
EF172	112 540 360		6.3	2	250	100	5	3	100	100		B8A	P
EF174	112 540 360		6.3	3.5	200	200	12	9	100	100		B8A	P
EF175	112 540 360		6.3	2.1	250	100	12	4.5	100	100		B8A	P
EF183	141 230 651		6	2	200	90	12	12.5	No Data Available			B9A	P
EF184	141 230 651		6.3	2.5	200	200	10	15	No Data Available			B9A	P
EF186	641 230 651		6.3	0.5	200	50			100	60		B9A	P
EF190	412 365 100		6.3	2	200	150	9.5	6.2	100	100		B7G	P
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		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
EF8010	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
EFP50	265 414 573		6	2	250	200	5	8	100	150	7	B9G	FP
EFP51	265 414 573		6	2	250	200	5	8	100	150	7	B9G	FP
EFM1	023 114 560		6	2	250	100	1.3		No Data Available			8SC	1P
EFP20	256 145 130		6.3	2	250	200	5	12	100	100		B8G	P
EFP60	214 156 163		6.3	2	250	150	20	25	100	100		B9G	P
EG420	802 300 000		4				100		REC	30mA		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			B7G	H
EH900	412 365 100		6.3		150	80	1	1.1	100	90		B7G	H
EH900S	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	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
EK1	123 164 570	G1	6	1.5	90		2			80			} 8SC O
EK2	023 154 560	G1	6	8.5	250	75	1.6		100	75			
EK2G	026 545 310		6.3	2	250	75	2.8	1.8	100	60	2.1	8SC O	
EK3	023 154 560	G1	6	2	100	60	11	3.8	100	60	3.8	8SC O	
EK32	026 545 310	G1	6	2	250	75	1.5	1.5	100	60	2.1	A08 O	
EK90	412 366 100		6	2	100		11	7	100		5	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				8SC P	
EL3N	023 104 560		6.3	6	250	250	36	9	No Data Available			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	100		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	8.5	8SC 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	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	8	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* *51	A1	6	38.5	250	250	32	4.6	100	100	2.2	B9A P	
EL81P	*41 23* *51	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	441 231 615		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.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Mag. Grid Volts	Anode Volts	Screen Volts	IA mA	mA/V	Mag. Grid Volts	Anode Volts	Screen Volts	mA/V	BASE	
E1654	026 510 310	G1	6	1-5	200	200	10,9	8,5	100	150	8	A08 P		
E1655	012 360 500	D1	6	12	250	250	20	2,6	100	150	2,6	B7G P		
E1677	026 510 600	G1	13	3	250	100	15	10mA	REC	10mA	B4 R			
E1678	026 510 310	D1	15	13	200	175	35	2,5	100	100	1-5	B7G P		
E1681	026 540 310	D1	15	13	200	175	35	2,5	100	100	2,5	A08 P		
E1682	020 800 310		30											
E1706	256 051 463		6	8	250	175	80	13	100	100	100	B9G R		
E1709	064 471 230		6	2	250		2	1,3	150		1,3	A08 TT		
E1733	009 **8 230		6	4,4	250	250	40	10,5	100	150	10	B8B RR		
E1736	265 004 130		6									B8B P		
E1740	209 008 130		6											
E1751	192 310 800		6											
E1780	009 **8 230		4											
E1787C	316 541 120		6	9	250	175	50	8	100	100	8	B9G P		
E1794	265 104 130		19	3	250	175	2,5	2,8	100	60	2,8	B8B P		
E1795	280 008 130		30											
E1796	265 004 130		80	9,5	200	175	70	10	100	100	100	B8B P		
E1809	265 104 130		6	2	250	100	8	2,8	100	100	2,8	B8B P		
E1848	264 198 130		19	3	250		1	1,2	100		1,2	B8B DDT		
E1861	041 230 651		6,3											
E1884	364 526 300		1,4	7	90	75	7,4	1,5	80	60	1,5	B7G P		
E1885	005 231 600	G1	1,4	4,4	250	250	40	10,5	100	150	9	B7 P		
E1938	264 198 130		6	3	250		1	1,2	100		1,2	B8B DDT		
E1948	264 198 130		6	2	200	100	1	1,4	100		1,4	B8B DDT		
E1861	041 230 651		6,3											
E1884	002 300 600	D1	2	6	3	250	5	1,2	100	D		B4 R		
E1912	412 389 600		6											
E1935	241 657 143		6	26	250	200	30	3,9	100	100	3,9	B9G PP		
E1938	802 309 100		6											
E1969	542 376 400		6	2	100	50	30	2,2	100	60	2,8	B7G RR		
E1976	412 361 500		19	1	250	75	3,3	2,2	250	75	2,5	B7G RR		
E1984	412 361 500		6	5,5	250	250	30	10	100	150	2,5	B7G P		
E1985	281 008 300		40											
E1987	412 361 500		40	8	200	150	50	10	100	100	9	B7G R		
E1994	471 461 230		13	8	250		5	2,6	100		2,6	A08 RR		
E2004	*2* 0*0 3*0	D1	1,2	20	18	200	15	1,5	100		1,6	B5 T		
E2020N	642 310 000													
E2047	412 361 500		12,5	2,5	200	200	8	2,5	200	200	2,5	B7G P		
E2122	902 308 100		6											
E2128	241 657 143		19	16,5	250	150	30	3,9	100	100	3,9	B9G PP		
E2134	412 361 500		6	2	200	200	55	9,5	100	100	7	B7G P		
E2135	412 361 500		13	8	200	150	50	10	100	100	9	B7G P		
E2178	**1 23* **8		20											
E2179	**1 23* **8	A1	20	12	150	150	50	8,5	100	40mA	B9A R			
E2185	026 040 310		6	8	250		9	2,6	100	7	2,6	A08 T		
E2223	**1 23* **8		25											
E2256	**1 23* **8		20											
E2282	021 *4* 350	A1	52											
E2754	6,2 441 443		6,3	1,5	150	150	25	25	No Data Available	A08 P				
E2965	241 756 143		6,3	18	300	200	40	3,7	REC	No Data Available	B9A T			
E7002	**1 23* **8	D	1,4											
E7003	**1 23* **8	D1	6,3											
E7005	801 23* 9**		6,3											
E7004	182 310 900		6,3											
E7006	801 23* 9**		6,3											
E7007	**1 23* **8	C	17											
E7010	**1 23* **8		55											
E7011	**1 23* **8		38											
E7013	602 304 100		6,3	2	250	180	20	5,5	100	50mA	B9A R			
E7014	602 304 100		9,4	2	250	10	5,5	100	5,5	100	5,5	B7G T		
E7015	641 227 413		6,3	1	100	11	3	100	3	100	3	B9A TT		
E7017	641 227 413		6,3	1	100	0,5	1,2	100	1,2	100	1,2	B9A TT		
E7019	146 234 117		6,3	1,5	90	12	6	100	6	100	6	B9A TT		
E7020	641 237 410		6,3	2,5	250	10	5,9	100	5,9	100	5,9	B9A TT		
E7022	641 237 410		7	1,2	60	15	12,5	No Data Available	B9A TT					
E7023	146 234 117		6,3	7	1,5	100	12	6	100	6	100	6	B9A TT	
E7024	641 237 410		9	2,1	200	10	5,8	100	5,8	100	5,8	B9A TT		
E7025	641 237 410		26	2,1	200	10	5,8	100	5,8	100	5,8	B9A TT		
E7026	141 230 651		6,3	2	150	150	10	7,4	100	100	7,4	B9A P		
E7027	301 236 014		6,3	2	250	150	3	2,5	100	100	2,5	B9A P		
E7032	146 234 117		6,3	100	250	250	32	4,6	100	100	4,6	A08 P		
E7033	*41 23* **8	A1	6,3	38,5	250	250	32	4,6	100	100	4,6	A08 P		
E7034	541 231 600		6,3											

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Mag. Grid Volts	Anode Volts	Screen Volts	IA mA	mA/V	Mag. Grid Volts	Anode Volts	Screen Volts	mA/V	BASE	
E7040	020 540 310	A1	25	21	150	150	100	11	No Data Available	A08 P				
E7041	*41 23* **8	A1	21,5	24	150	150	45	6,5	100	100	100	B9A P		
E7043	541 231 600		15	2,3	150	150	36	10	No Data Available	B9A P				
E7044	*41 23* **8		16	6	200	200	18	18	No Data Available	B9A P				
E7051	645 237 114		6,3	1	150	100	10	3,2	100	100	8	B9A TP		
E7053	414 237 516		6,3											
E7055	414 237 516		16	22,5	250	250	28	5	100	100	2	B9A TP		
E7056	645 237 114		9,5	11,5	150	150	41	3,5	100	100	2	B9A TP		
E7059	414 237 516		50	1	150	100	10	5,2	100	100	8	B9A TP		
E7060	266 044 300		1,4	16	200	200	35	6,8	100	100	2,2	B9A TP		
E7062	265 024 300		1,4	2,5	90	90	1	1	80	100	1	B7G T		
E7066	200 564 300		1,4	90	90	1,6	0,8	80	90	100	90	B7G P		
E7074	641 234 146		6,3	1,5	150	100	11	0,4	80	90	0,4	B7G P		
E7075	641 234 146		3,8	1,5	150	100	12	14	No Data Available	B9A T				
E7078	041 230 651		6,3	2	250	100	9	4,4	100	100	100	B9A P		
E7079	041 230 651		12,6	1	150	100	12	4,4	100	100	100	B9A P		
E7081	020 540 310	A1	6,3	21	1,7	200	100	11	No Data Available	A08 P				
E7087	461 237 145		15	2,1	150	150	18	11	100	100	6	B9A TP		
E7088	461 237 145		6,3	1,7	200	100	3	4	100	100	6	B9A TP		
E7108	501 236 014		6,3	2	250	150	3	2	100	100	100	B9A P		
E7109	156 231 471		6,3	1,1	200	150	13	16,5	No Data Available	B9A PP				
E7110	141 230 651		3,1	3,5	200	250	10	6,8	100	100	6	B7G T		
E7143	412 314 600		6,3	1,1	200	150	11,5	6,7	100	100	6	B7G T		
E7144	614 237 410		6,3	1,2	200	100	13	12,5	No Data Available	B9A TT				
E7145	501 236 014		6,3	2	50	50	1,8							
E8A40	200 800 130		6											
E8A50	123 000 000	D1	6											
E8A63	541 231 600		6,3	5,5	250	250	36	10,5	No Data Available	B9A P				
E8A76	281 380 000		6											
E8A111	023 010 000	D1	6,3											
E8A962	200 100 300	D1	6,3											
E8A111	812 300 190		6,3											
E8A91	182 311 900		6,3											
E8A901	182 310 900		6,3											
E8A501S	182 310 900		6,3											
E8B1	023 110 800		6											
E8B280	791 238 146		6	3	250		1	1,2	100	1,3	B9A DDT			
E8B91	812 314 600		6	3,2	250	100	7,4	2,8	100	2,8	B7G DT			
E8B21	265 814 130		6,3	4	250	100	5	1,8	100	1,8	B8A DP			
E8B41	268 154 130		6	2	250	100	5	1,8	100	1,8	B8A DP			
E8B42	268 154 130		6	2	250	100	5	1,8	100	1,8	B8A DP			
E8A501	182 310 900		6,3	2	250	200	9	3,8	100	100	100	B9A DP		
E8B1	023 110 800		6											
E8B11	802 301 190		6											
E8B34	029 180 310		6											

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	I _b mA	mA/V	Anode Volts	Screen Volts	mA/V	Anode Volts	Screen Volts	
EP53	256 101 403		6	2	250	250	10	6-5	100	150	6-5	B9G P		
EP54	256 111 413		6	1-7	250	250	10	7-7	100	150	7	B9G P		
EP55	256 101 403		6	2	250	250	10	7-7	100	150	7	B9G P		
EP70	412 163 510		6	2	100	100	3	7-5	100	100	4-5	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	6	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	5	B9A P		
EP85	141 230 651		6	2	250	150	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	100	B9A P		
EP88	501 236 014		6.3	2	250	100	7	2.1	100	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	B7G P		
EP92	412 361 500		6	2.5	250	200	8	6-4	100	150	5	B7G P		
EP93	412 365 100		6	1	250	100	11.6	4.5	150	100	4	B7G P		
EP94	412 365 100		6	1	250	150	10.6	5.2	100	150	5.2	B7G P		
EP95	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G P		
EP96	412 365 100		6	1.5	250	150	6.5	5	100	100	5	B7G P		
EP97	412 365 100		6.3	0.7	12	12	12	12	No Data Available	B7G P				
EP98	412 365 100		6.3	1	12	12	4.8	3	No Data Available	B7G P				
EP111	612 350 140		6.3	2	250	75	6	2.2	No Data Available	B8 P				
EP112	612 350 140		6.3	2	250	100	3	2.1	100	100	100	B8 P		
EP172	112 540 360		6.3	2	250	100	5	3	100	100	100	B8A P		
EP174	112 540 360		6.3	3.5	200	200	12	9	100	100	100	B8A P		
EP175	112 540 360		6.3	2.1	250	100	12	4.5	100	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	10	60	100	60	60	B9A P		
EP190	412 365 100		6.3	2	200	150	9.5	6.2	100	100	100	B7G P		
EP410	26* *54 130		6.3	2	250	100	6	2.7	100	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	1.5	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	100	B9A P		
EP802	141 230 651		6.3	1.8	200	175	12	8	100	100	100	B9A P		
EP804	101 230 654		6.3	2	250	150	3	2	100	100	100	B9A P		
EP804S	101 230 654		6.3	2	250	150	3	2	100	100	100	B9A P		
EP804S	141 230 651		6.3	1.8	250	75	8	5.7	100	80	80	B9A P		
EP806S	501 236 014		6.3	1.5	250	150	3.2	2	100	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	100	100	B9A P		
EP814	141 230 651		6.3	1.9	150	150	10	100	100	100	100	B9A P		
EP860	141 230 651		6.3	2	250	350	10	6.8	100	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		
EP866	412 365 100		6.3	2	250	125	7.5	5	100	100	5	B7G P		
EP8010	141 230 651		6.3	2	200	100	12	12.5	No Data Available	B9A P				
EP8200	141 235 615		6.3	2	200	150	22	35	No Data Available	B9A P				
EPF50	265 414 573		6	2	250	200	6	8	100	150	7	B9G PP		
EPF51	265 414 573		6	2	250	200	6	8	100	150	7	B9G PP		
EPF51	023 114 560		6	2	250	200	1.3	1.3	No Data Available	B8C 1P				
EPF20	256 145 130		6.3	2	250	200	5	12	100	100	100	B8G P		
EPF60	214 156 163		6.3	2	250	150	20	25	100	100	100	B9G P		
EP420	802 300 000		4			120			REC	30A	B4 R			
EPH1	023 145 560		6	2	250	80	3	1.8	200	75	1.8	B8C P		
EPH2	023 145 560		6	2	250	100	4.2	1.4	100	100	1.4	B8C P		
EPH90	412 365 100		6.3	1	100	30	1	1.1	No Data Available	B7G H				
EPH90	412 365 100		6.3	1	150	80	1	1.1	100	90	90	B7G H		
EPH90S	412 365 100		6.3	10	150	75	0.2		100	60	60	B7G H		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	I _b mA	mA/V	Anode Volts	Screen Volts	mA/V	Anode Volts	Screen Volts	
ECR84	441 237 564		6	1	50	12	3-7	8	No Data Available	B9A TP				
ECR113	276 454 130		6	2	100	90	4-8	100	100	60	B8A TH			
ECR171	642 544 371		6	2	250	250	3	60	100	60	B8B TH			
ECR800	541 237 464		6.3	1.5	100	100	11	4-2	100	60	4-2	B9A TH		
ECR11	452 371 460		6	2.5	250	36	9	2	100	60	2	B8 TP		
ECR80	641 237 154		6	2.3	100	200	17.5	3.3	100	150	3	B9A TP		
ECR81	451 237 614		6	1.9	150	150	1.3	1.3	100	60	1.2	B9A TH		
ECR82	414 237 516		6.3	1.5	200	250	3.7	2.4	100	100	2.5	B9A TP		
ECR83	641 237 154		6.3	1.5	200	175	3.0	5-5	100	60	2.5	B9A TP		
ECR84	641 237 145		6	1.7	200	200	18	10-4	100	100	4	B9A TP		
ECR85	641 237 514		6	0.8	200	175	4.1	7-5	100	100	6.5	B9A TP		
ECR86	415 237 146		6	1.9	250	250	9	10	100	100	1.6	B9A TP		
ECR113	267 454 130		6	3.5	250	250	25	8.5	100	150	8.5	B8A TP		
ECR800	647 234 115		6.3	9.0	100	250	26	6-0	100	60		B8A TTP		
EDD11	266 104 430		6.3	5	200	200	40	8	No Data Available	B8A T				
EDD11	742 301 460		6	8	200	200	3-5	200	3.5	100	3.5	B8 TP		
EDD11	742 311 460		6	8	250	200	9	2.3	No Data Available	B8 TP				
EE1	023 180 560		6.3	2.5	250	150	8	14	No Data Available	B8 DP				
EE50	256 501 403		6.3	3	250	250	10	14	250	150	10	B9G P		
EE80	274 534 620		6.3	6.5	250	250	24	12.5	No Data Available	B9A P				
EE71	023 180 560		6.3	2.5	250	150	8	17.5	No Data Available	B8C DP				
EE71	023 110 560		6	3	250	100	8	7.2	100	100	100	B8C P		
EE171	542 654 371		6.3	12	250	250	40	9	100	100		B8B PP		
EE171	016 000 300		6.3	12	250	250	40	9	100	100		B7 T		
EE171	036 080 200		6.3	2	100	50	2	100	60	60		A08 TP		
EE1	023 110 560		6	2	250	100	3	2.3	100	100	2.3	B8C P		
EE2	023 110 560		6	2	250	100	4.5	2.2	100	100	2.2	B8C P		
EE2S	023 110 560		6.3	2	250	100	5	1.8	100	100	88C P			
EE3	023 110 560		6	2.5	250	100	8	1.7	100	100	1.8	B8C P		
EE5	023 110 560		6	3	250	100	8	1.7	100	100	1.7	B8C P		
EE6	023 110 560		6	2	250	100	3	2	100	100	2	B8C P		
EE6N	023 110 560		6.3	2	250	100	3	2.1	100	100	2	B8C P		
EE7	023 110 560		6	1.5	250	100	3	2.1	100	100	2.1	B8C P		
EE8	023 111 560		6	2.5	250	250	6	1.8	100	150	1.8	B8C P		
EE9	023 110 560		6	2.5	250	100	6	2.2	100	100	2.2	B8C P		
EE9N	023 110 560		6.3	2.5	250	100	6	2.2	100	100	2.2	B8C P		
EE11	602 301 450		6	2	250	100	6	2.2	100	100	2	B8 P		
EE12	602 301 450		6	2	250	100	3	2.1	100	100	2	B8 P		
EE12Spec.	602 301 450		6.3	2	250	100	3	1.7	100	100	1.5	B8 P		
EE13	612 301 450		6	2	250	100	4.5	2.3	100	100	2	B8 P		
EE14	612 350 140		6	4.5	200	200	12	7	100	150	6	B8 P		
EE15	612 301 450		6	2	250	100	12	5.5	100	100	5	B8 P		
EE22	265 104 130		6	2.5	250	100	6	2.2	100	100	2.2	B8B P		
EE25	023 110 560		6	2	250	100	3	1.8	100</					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	Anode Volts	Screen Volts	Anode Volts		
													BASE	
PC05/05	256 130 000	A1	12.6	80	400	200	70	No Data Available	B5B	P				
PC06/06P	123 114 300	A1	6	40	400	300	40	No Data Available	B5C	P				
PC07/07	343 61 300	G1	12	33	400	250	40	No Data Available	B7A	P				
PC08/08	918 212 300	G1	4(5)	10	250	250	36	150	8	BT	DDP			
PC09/09	642 310 000	G2	4	10	250	200	35	100	150	2.8	B5	P		
PC10/10	642 310 000	G2	4	22	250	250	36	2.8	100	150	2.8	B5	P	
PC11/11	045 231 600	G1	4	12.8	250	250	36	2.8	100	150	2.8	BT	P	
PC12/12	045 231 600	G1	4	13	250	250	36	9.5	100	150	8	BT	P	
PC13/13	045 231 600	G1	4	13	350	200	22	3.5	100	150	3.5	B5	P	
PC14/14	023 100 560	G1	13	14	200	200	22	2.5	100	100	2.5	B5C	P	
PC15/15	023 110 560	G1	33	8.5	200	200	45	8	100	100	6	B5C	P	
PC16/16	045 231 600	G1	13	11	250	250	32	6.5	100	150	6	BT	P	
PC17/17	045 231 600	G2	20	18	200	200	32	1.7	100	150	1.7	B5	P	
PC18/18	206 540 030	G1	2	3.3	200	125	5	4	100	100	4	H08	P	
PC19/19	206 540 030	G1	2	3.6	200	125	5	3	100	100	3	H08	P	
PC20/20	023 110 560	G1	24	19	200	100	40	3.1	100	60	3	B5C	P	
PC21/21	145 231 600	G1	35	8.5	200	200	45	8	100	150	7	BT	P	
PC22/22	045 231 600	G1	33	8.5	200	200	45	8	100	100	7	BT	P	
PC23/23	045 231 600	G1	44	8.5	200	200	45	8	100	100	7	BT	DDP	
PC24/24	216 540 030	G1	4	11	300	275	70	10.6	100	150	9	H08	P	
PC25/25	216 540 030	G1	4	8.5	250	250	40	8.8	100	150	8	H08	P	
PC26/26	216 540 030	G1	4	8.5	250	250	40	8.8	100	150	8	H08	P	
PC27/27	216 540 030	G1	4	8.5	250	250	40	8.8	100	150	8	H08	DDP	
PC28/28	216 540 030	G1	4(5)	8	300	225	63	8.5	100	100	8	H08	P	
PC29/29	206 540 030	A1	1.4	9	90	90	5.5	1.4	80	75	1.4	H08	P	
PC30/30	642 350 000	G1	2	4.9	150	150	9	2.2	100	100	2.2	B5	P	
PC31/31	642 350 000	G1	2	9	150	150	18	2.2	100	100	2.2	B5	P	
PC32/32	642 350 000	G1	2	4.5	150	125	6	2.2	150	125	2.2	B5	P	
PC33/33	642 350 000	G1	2	2.5	150	125	5	4.4	100	100	5	B5	P	
PC34/34	216 540 030	G1	38	10	200	175	64	10.5	100	100	9	H08	P	
PC35/35	216 540 030	G1	38	7	150	125	40	7.8	100	100	1.7	B5	P	
PC36/36	642 350 000	G1	4(5)	13.8	250	250	72	8.5	250	200	7	BT	P	
PC37/37	045 231 600	G1	4(5)	10	200	175	64	10.5	100	100	9	H08	DDP	
PC38/38	216 540 030	A1	6	24	400	300	30	5	100	150	5	B5C	P	
PC39/39	045 231 600	G1	13	8.6	250	250	41	6.4	100	150	6	BT	P	
PC40/40	045 231 600	G1	20	19	200	100	40	3.1	100	60	3.1	B5C	P	
PC41/41	045 231 600	G1	35	8	200	200	40	7.3	100	100	7	BT	P	
PC42/42	045 231 600	G1	38	10	150	175	64	10.5	100	100	9	BT	P	
PC43/43	642 350 000	G1	4	16.5	250	250	32	3	100	150	3	B5	P	
PC44/44	045 231 600	G1	4	5.8	250	250	36	9.5	100	150	9	BT	P	
PC45/45	005 231 600	G1	4	5	250	250	40	2.1	100	100	8	BT	P	
PC46/46	642 350 000	G1	2	4.5	150	150	8.5	8.5	100	2.5	B5	P		
PC47/47	045 231 600	G1	4(5)	14	250	275	72	8.5	100	150	7	BT	P	
PC48/48	869 231 500	G1	6	5.3	250	250	32	8.5	250	200	8	BT	DDP	
PC49/49	968 231 500	G1	13	5.3	250	250	32	8.2	100	100	8	BT	DDP	
PC50/50	869 231 500	G1	25	7.8	250	250	43	7.8	100	150	7.8	BT	DDP	
PC51/51	968 231 500	G1	40	7.7	250	250	43	7.8	100	100	7	BT	DDP	
PC52/52	968 231 500	G1	40	0	200	175	64	10.5	100	100	12	BT	DDP	
PC53/53	026 510 310	G1	6	9.5	250	100	7.5	1.7	100	100	1.6	A08	P	
PC54/54	501 236 014	G1	4.5	2	60	50	1.9	No Data Available	B9A	P				
PC55/55	501 236 014	G1	4.5	2	250	150	3	2	100	100	B9A	P		
PC56/56	041 230 500	A1	2	1	150	150	3	1.9	150	150	1.9	BT	P	
PC57/57	041 230 500	A1	2	0.5	150	150	2.5	1.7	150	150	1.7	BT	P	
PC58/58	602 301 450	A1	17.5	10.5	200	200	53	9	100	100	9	BT	P	
PC59/59	026 540 310	G1	19	5.3	250	250	32	9	100	150	8	A08	P	
PC60/60	*2* 540 310	A1	25	21	200	175	100	11	No Data Available	A08	P			
PC61/61	120 540 310	A1	30	5.5	200	200	75	13.5	100	150	10	A08	P	
PC62/62	*41 231 *51	A1	21.5	28	200	200	30	6	100	100	6	B9A	P	
PC63/63	*41 231 *51	A1	21.5	28	200	200	30	6	100	100	6	B9A	P	
PC64/64	041 230 605	A1	16	14.2	200	200	45	7.6	100	100	7	B9A	P	
PC65/65	541 231 600	A1	15	2.3	200	175	36	10	100	100	9	B9A	P	
PC66/66	*41 231 *6*5	A1	15	12.5	200	175	70	10	100	100	9	B9A	P	
PC67/67	521 441 350	A1	35	12	100	100	90	19	No Data Available	A08	P			
PC68/68	541 231 640	A1	12.6	2.1	150	225	40	25	No Data Available	B9A	P			
PC69/69	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					TYPE	
				Neg. Grid Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	Anode Volts	Screen Volts	Anode Volts			
													BASE		
PAB1	023 110 980		6					D					B5C	DDP	
PAB0R0	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	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	BTG	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	BTG	T					
PC96	412 314 600		3.1	1	200	11.5	6.7	200	6.7	BTG	T				
PC97	142 360 100		4.5	1	150	11	13	No Data Available	BTG	T					
PC990	142 361 100		4	1	150	12	15	No Data Available	BTG	T					
PC084	147 234 116		7	1.5	90	12	6	100	6	B9A	TT				
PC085	641 237 410		9	2.1	200	10	5.8	150	5.8	B9A	TT				
PC088	641 237 410		7	1.2	90	15	12.5	No Data Available	B9A	TT					
PC089	147 234 116		7.2	1.2	90	15	12.5	No Data Available	B9A	TT					
PC089	641 237 410		7	1.2	90	15	9	100	9	B9A	TT				
PC089	146 234 117		7	1.2	90	15	9	100	9	B9A	TT				
PC089	146 234 117		7	1.2	90	15	9	100	9	B9A	TT				
PC089	641 237 541		10			200	200	10	3.4	100	60	3.4	B9A	TP	
PC089	641 237 541		10			150	200	10	3.7	100	100	3.7	B9A	TP	
PC089	641 237 541		9.4			200	200	10	3.4	100	60	3.4	B9A	TP	
PC089	645 237 114		9			2	100	14.0	5.0	100	60	5.0	B9A	TP	
PC089	645 237 114		9.5			1.0	150	0	18	8.5	100	60	7.0	B9A	TP
PC084	576 234 141		9			2	100	14	2.5	100	60	2.5	B9A	TP	
PC086	141 234 675		8			3	100	14	6	100	60	6	B9A	TP	
PC087	157 236 414		7.4			3.2	100	150	10	12	No Data Available	B9A	TP		
PC089	157 236 414														

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR ANO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE	
QW001-5	414 226 573		6.3	50	250	250	45	10.5	No Data Available	B9A	PP		
QW001-10	414 226 573		6.3	17	200	200	30	10.5	No Data Available	B9A	PP		
QW001-20	245 134 200	A1A2	6	17	400	200	30	2.5	No Data Available	B7A	PP		
QW001-40	245 134 200	A1A2	6	26	400	250	30	3.4	No Data Available	B7A	PP		
QW001-25	345 134 200		6.3	50	400	250	40	2.5	No Data Available	B7A	PP		
QW001-50	414 226 573		6.3	50	150	150	22	10.5	No Data Available	B9A	PP		
QW001-10	414 226 573		6.3	10	200	150	30	3.3	No Data Available	B7A	PP		
QW001-20	245 134 200	A1A2	6	17	300	200	20	2.5	No Data Available	B7A	PP		
QW001-40	245 134 200	A1A2	6.3	17	300	200	20	2.5	No Data Available	B7A	PP		
QW001-15	245 134 200	A1A2	6.3	27	400	250	30	3	No Data Available	B7A	PP		
QW001-20	245 134 200	A1A2	6.3	23	400	200	25	3.4	No Data Available	B7A	PP		
QW001-40	245 134 200	A1A2	6.3	60	400	250	30	3.4	No Data Available	B7A	PP		
QW001-60	245 134 200	A1A2	6.3	60	400	200	25	1.9	No Data Available	B7A	PP		
QW001-50	345 124 300		6.3	10	400	250	100	4.5	No Data Available	B7A	PP		
QW001-15	273 624 540	A1 A2	2.1	10	200	200	30	4.5	No Data Available	B7B	PP		
QW001-40	245 300 000	D1	1.4	2	200	200	30	4.5	No Data Available	B7A	PP		
QW001-50	230 000 000	D1	2	2	200	200	30	4.5	No Data Available	B7B	PP		
QW001-12	601 235 144		6	7.5	250	250	45	7	No Data Available	B9A	P		
QW001-7	265 511 413		6	30	300	250	25	1.9	No Data Available	B9G	P		
QW001-12	601 235 144		6	7.5	250	250	45	7	No Data Available	B9A	P		
QW001-15	245 134 200	A1A2	6.3	60	400	250	90	100	No Data Available	B7A	PP		
QW001-20	245 134 200	A1A2	6	22	400	200	25	4	No Data Available	A08	PP		
QW001-25	254 130 000	A1	6	12.5	300	250	83	6.5	No Data Available	U05	P		
QW001-40	123 141 310	A1	6	28	200	200	100	7	No Data Available	U05	P		
QW001-50	123 141 310	A1	6	2.5	200	200	10	7.6	No Data Available	U05	P		
QW001-7	415 361 500		6	2	230	250	10	7.6	No Data Available	B7G	P		
QW001-10	892 300 000		4	4	892	300	000	30	No Data Available	B9A	RR		
QW001-15	892 300 000		4	4	892	300	000	60	No Data Available	B9A	RR		
QW001-20	892 300 000		4	4	892	300	000	60	No Data Available	B9A	RR		
QW001-25	892 300 000		4	4	892	300	000	60	No Data Available	B9A	RR		
QW001-30	892 300 000		4	4	892	300	000	60	No Data Available	B9A	RR		
QW001-40	892 300 000		4	4	892	300	000	60	No Data Available	B9A	RR		
QW001-50	112 311 100	D1	4	5	112	311	100	5	No Data Available	B7G	R		
QW001-60	002 300 000	D1	4	6	002	300	000	60	No Data Available	B7G	R		
QW001-70	023 000 000	D1	6	6	023	000	000	60	No Data Available	B7G	R		
QW001-80	028 090 310	D1	13	26	028	090	310	30	No Data Available	A08	RR		
QW001-90	028 193 210		26	26	028	193	210	120	No Data Available	A08	RR		
QW001-100	123 000 000		1.4	6	123	000	000	120	No Data Available	B7G	D		
QW001-110	*** 23* ***	D1	6	6	***	23*	***	120	No Data Available	B9A	R		
QW001-120	230 232 032	D1	1.2	2	230	232	032	120	No Data Available	B9A	R		
QW001-130	23* 232 *32	D1	2	2	23*	232	*32	120	No Data Available	B9A	R		
QW001-140	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-150	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-160	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-170	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-180	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-190	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-200	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-210	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-220	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-230	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-240	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-250	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-260	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-270	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-280	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-290	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-300	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-310	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-320	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-330	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-340	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-350	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-360	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-370	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-380	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-390	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-400	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-410	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-420	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-430	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-440	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-450	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-460	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-470	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-480	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-490	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-500	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-510	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-520	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-530	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-540	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-550	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-560	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-570	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-580	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-590	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-600	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-610	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-620	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-630	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-640	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-650	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-660	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-670	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-680	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-690	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-700	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-710	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-720	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-730	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-740	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-750	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-760	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-770	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-780	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-790	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-800	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-810	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-820	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-830	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-840	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-850	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-860	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-870	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-880	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-890	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-900	892 300 000		4	4	892	300	000	60	No Data Available	B9A	R		
QW001-910	892 300 000		4	4	892	300	000	6					

VALVE	SELECTION SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	I _a mA	mA/V	Anode Volts	Screen Volts	mA/V		
												Base Volts	
R216	026 310 300	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	100	5	B5 T		
R244	402 013 060		6-3	150	15	13	4.3	100	100	5	B5 T		
R265	412 360 310		6-3	2	100	100	7.5	5	100	100	5	B50 P	
R271	412 163 310		6-3	2	150	125	5.2	3.2	100	100	5	B50 P	
R290	030 080 030		1-2										
R2018	642 310 030		20	2.5	200	2.5	3	100	D		A08 D		
R3559	642 310 030		6-3	1.5	150	25	25	3	No Data Available	B5D T	B5 T		
RA	892 300 000		13	4.5	90	30	15mA	B5	REC	15mA	B5 RR		
RA1	364 200 000		15	4.5	90	4.5	1.2	80	1.2	15mA	UX4 T		
RB350/80	892 300 000		4			30			REC	15mA	B4 RR		
RB900/120	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	85C	DT		
RC5C	023 008 060	G1	2,4		100	24	6	100	6	85C	DT		
RB034	642 300 000		4	3	200	2	1.2	100	1	B4 T	B4 T		
RB072	642 300 000		4	3	150	3	0.5	150	0.9	B4 T	B4 T		
RB054	642 300 000		4	9	150	4	1.5	100	1.4	B4 T	B4 T		
RB062	642 300 000		4	9	150	4	1.5	100	1.5	B4 T	B4 T		
RB074	642 300 000		4	15	150	13	1.3	100	1.3	B4 T	B4 T		
RB122	264 300 000		2	4.5	150	3	1.3	100	1.3	UX4 T	UX4 T		
RB124	642 300 000		2	19	150	7	1.2	100	1.2	B4 T	B4 T		
RB134	642 300 000		4	18	150	11	1.6	100	1.6	B4 T	B4 T		
RB144	642 300 000		4	17	250	12	2	100	2	B4 T	B4 T		
RB204	642 300 000		4	9	150	2	0.7	100	0.7	B4 T	B4 T		
RB240	642 300 000		4	32	250	20	1.9	100	2	B4 T	B4 T		
RB242B	064 234 700		2	250	300	3	0.6	100	1	B4 T	B4 T		
RB404	642 300 000		3,5	45	250	40	2.5	100	1	B4 T	B4 T		
RB604	642 300 000		4	100	2	1.2	100	1.1	B5 P	B5 P	B5 P		
RB704	652 310 000	G1	4			6	2.4	100	2.4	B5 T	B5 T		
RB904	642 310 000		4	3.5	200	0.2	100	100	90	1.1	B5 P	B5 P	
RB914	642 310 000		4	3	200	6	2.3	100	2.3	B5 T	B5 T		
RB924	642 310 000	D1	4	3	200	15	1.6	100	1.6	B5 P	B5 P		
RB1004	642 310 000		4	16	200	12	1.3	100	1.3	B5 T	B5 T		
RB1104	642 310 000		4	1.6	200	0.2	1	100	1	B5 T	B5 T		
RB1814	642 310 000		20	100	100	6	1.8	100	1.8	B5 DT	B5 DT		
RB1817D	652 310 000	G1	20	3	200	6	2.4	100	2.4	B5 T	B5 T		
RB1821	642 310 000		20	3	200	6	2.4	100	2.4	B5 T	B5 T		
RB1822	642 310 000	D1	20	3	200	6	1.8	100	1.8	B5 DT	B5 DT		
RB1826	642 310 000		20	3	200	6	1.8	100	1.8	B5 DT	B5 DT		
RB18204	542 310 000	A1	4	2	200	60	4	1	100	60	1	B5 P	
RB18214	542 310 000	A1	4	2.2	200	100	6	1	100	100	100	B5 P	
RB18224	164 552 300	G1	4	1.5	200	125	3	0.6	100	100	100	B5 P	
RB18234	165 452 300	G1	4	2	200	75	3	0.8	100	75	1.8	B5 P	
RB18264	542 310 000	A1	4	2	200	100	3	2	100	100	100	B5 P	
RB18264B1	542 300 000	A1	4	2	200	100	3	2	100	100	100	B5 P	
RB18274	542 310 000	A1	4	2	200	100	3	2	100	100	100	B5 P	
RB18284	542 310 000	A1	4	2	200	100	3	2.5	100	100	100	B5 P	
RB18294	542 310 000	A1	4	2	200	100	4.5	2.5	100	100	100	B5 P	
RB18374D	642 310 000	G2	4	18	250	250	24	2.5	100	100	100	B5 P	
RB18384	642 310 000	G1	4	22	250	250	36	2.8	100	150	2.9	B5 P	
RB1818	542 310 000	A1	20	2	200	100	3	2	100	100	60	B5 P	
RB1819	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5 P	
RB1820	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5 P	
RB18230	642 310 000	G2	20	18	200	200	20	1.7	100	100	100	B5 P	
RB1884	542 310 000	G2	20	2	200	100	3	2.4	100	100	100	B5 P	
RB1894	542 310 000	G2	20	2.2	200	100	4	1.8	100	100	100	B5 P	
RES094	642 300 000	A1	4	2	200	75	4	7	100	75	1.3	B5 P	
RES105	642 300 000	G1	5	15	200	150	12	1.3	150	100	1.3	B5 P	
RES164	542 350 000	G1	4	11.5	250	75	12	1.4	100	75	1.9	B5 P	
RES174D	642 300 000	G2	4	19	250	150	12	1.3	100	100	100	B4 P	
RES212	642 350 000	G2	4	2.4	150	125	6	2.2	150	100	2.2	B5 P	
RES364	542 350 000	G2	4	2.5	300	200	20	1.7	100	100	100	B5 P	
RES374	642 350 000	G2	4	42	300	200	20	1.5	No Data Available	B5 P	B5 P		
RES664D	642 350 000	G2	4	40	400	200	30	1.9	100	100	1.9	B5 P	
RES964	642 350 000	G2	4	15	250	250	36	2.8	No Data Available	B5 P	B5 P		

VALVE	SELECTION SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	I _a mA	mA/V	Anode Volts	Screen Volts	mA/V		
												Base Volts	
RE65	003 200 000	D1	6										
RE66/14	041 231 800	A1	4	20	400	250	35	4	100	150	4	B7 P	
RE66/14	542 310 000	A1	4	20	400	250	35	4	100	150	4	B7 P	
RE250/1000	002 300 000	D1	2.5									30mA UX4 R	
RE250/3000	280 300 000											30mA UX4 R	
RE354	802 300 000		4				15		D			B4 R	
RE354	892 300 000		4				15		D			B4 RR	
RE354	802 300 000		4				30		REC	15mA	B4 RR		
RE354	802 300 000		4				30		REC	15mA	B4 RR		
RE354	892 300 000		4				30		REC	15mA	B4 RR		
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				120		REC	30mA	B4 RR		
RE354	892 300 000		2.5				30		REC	15mA	B4 RR		
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				120		REC	30mA	B4 RR		
RE354	892 300 000		4				120		REC	30mA	B4 RR		
RE354	892 300 000		4				200		100	100	7.4	B7 P	
RE354	265 300 000		7.5	100	350	50	50		No Data Available	UX4 T	UX4 T		
RE354	264 300 000		2.5	33	250	22	2.3	100	2.3	100	2.3	UX4 T	
RE354	264 130 000		2.5	28	250	26	2.6	100	2.6	100	2.6	B5 T	
RE354	200 300 000		7.5									30mA UX4 RR	
RE354	200 300 000		2.5									30mA UX4 R	
RE354	364 200 000		2	13.5	200	83	1.6	100	1.6	100	1.6	UX4 T	
RE354	254 130 000	A1	6	14	300	250	85	6.5	100	150	150	UX5 P	
RE354	200 300 000		1									30mA UX4 RR	
RE354	236 400 000		1.9	1.5	100	15	2.4	100	2.4	100	2.4	5A T	
RE354	265 114 113		6	1.7	150	250	10	7.7	100	150	7	B5G P	
RE354	265 114 113		12.6	6	150	150	15	2.3	100	100	100	B5G P	
RE354	510 423 206		2.4	20	350	200	57		No Data Available	B5A P	B5A P		
RE354	241 600 003		6	2.5	250	10	6.5	100	6.5	100	6.5	B5G T	
RE354	123 000 000		6	3.3	200	7.5	2.9	100	2.9	100	2.9	B5G T	
RE354	244 664 413		6	1.5	250	30	9					B5G T	
RE354	892 300 000		2.5									15mA B4 RR	
RE354	892 300 000		2.5									15mA B4 RR	
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				30		REC	15mA	B4 RR		
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				60		REC	20mA	B4 RR		
RE354	892 300 000		4				120		REC	30mA	B4 RR		
RE354	892 300 000		5				60		REC	20mA	B4 RR		
RE354	892 300 000		7.5				4		1.4	100	2	B4 T	
RE354	642 300 000		4	2.5	100	10	1.2	100	1.2	100	1.2	B4 T	
RE354	802 310 000		3				60		REC	20mA	B5 R		
RE354	245 134 200	A1A2	6	25	400	250	30	3.4	100	100	100	B7A RP	
RE354	245 134 200	A1A2	6	25	400	250	30	3.4	100	100	100	B7A RP	
RE354	542 300 000	A1	4	1	150	75	4.5	1.2	100	75	1.2	B4 T	
RE354	642 300 000	A1	4	2.6	150	26	2.5	100	2.5	100	2.5	B4 T	
RE354	642 300 000		4	4	200	18	1.7	150	1.7	150	1.7	B4 T	
RE354	642 300 000		4	2.3	300	15	2.8	100	2.8	100	2.8	B4 T	
RE354	026 510 310	G1	5.2	3	250	100	2.5	100	100	100</			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE		
				Neg. Grid Volt	Anode Volt	Screen Volt	Ia mA	mA/V	Anode Volt	Screen Volt	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	2.3	2.0	100	100	2.3	B7	P	
SPTA	041 231 500	A1	13	2.5	200	100	2.2	1.4	100	100	2.2	B7	P	
SPTB	041 231 500	A1	13	1.5	250	100	2	3	100	100	3	B7	P	
SPT	642 300 000	A1	2	16	200	10	3	100	100	3	B4	T		
SR4	642 310 000		4	20	250	20	4	100		4	B5	T		
SR84451	245 134 200	A1A2	6	25	400	250	3.4	No Data Available	B7A	4	B5	T		
SR210C	542 300 000	A1	2	1	150	75	0.6	1.4	150	75	1.4	B4	P	
SR210C	542 300 000	A1	2	1	150	175	0.6	1.4	150	75	1.4	B4	P	
SR210B	642 300 000	A1	2	4.5	150	2	1.6	100		1.6	B4	T		
SR220FA	682 390 000	G1	2	5.5	150	2.4	1.4	100		1.4	B5	T		
SR210DF	642 300 000		2	4	150	1	0.8	100		0.8	B4	T		
SR210DF	642 300 000		2	1.5	150	21.4	12.5	1.4	100	1.4	B4	T		
SR210DF	642 300 000		2	12	150	6	1.5	100		1.5	B4	T		
SR220FA	642 300 000		2	6	150	8	3.5	100		3.5	B4	T		
SR220SF	642 300 000		2	12	150	14	3.5	100		3.5	B4	T		
SR240SF	642 300 000		2	12	150	15	3.5	100		3.5	B4	T		
SR2018	542 300 000	A1	20	3	200	100	3	100	90	3	B5	P		
ST507	602 441 043		6.3	1.2	150	23	25	D	No Data Available	B9A	T			
SU25	*21 044 340	D1	2					D						
SU42	040 000 020	D1	4					D				A08	R	
SU45	112 311 100	D1	4					D				15mA	B7G	R
SU61	023 300 000	D1	6					D				B3G	D	
SU2130	002 300 000	D1	2					D				B4	R	
SU2150	002 300 000	D1	2(2.5)					D				B4	R	
SU2150A	002 300 000	D1	2(2.5)					D				2mA	B4	RR
SU130	002 300 000	D1	2					D				B4	R	
SU1	802 300 000	G1	4					D				15mA	B4	R
SU62	652 300 000	G1	2	1	150	75	30	1.5	100	75	1.5	B4	R	
T2	642 300 000		2					D				B3G	D	
T2905	672 344 100		6	0.85	100	8.5	5.3	100	5.3	100	5.3	B7G	TT	
T40	121 000 000	D1	4					D				B3G	D	
T50	121 000 000	D1	6					D				B3G	D	
T60	213 000 000	D1	6.3					D				B3G	R	
T130	023 100 060	G1	13	4	200	5.9	2.6	100	2.6	100	2.6	B8C	T	
T41	216 040 030		4					30	242	No Data Available	M08	TH		
T113	642 300 000	G2	3	3	12	12	0.2	0.2	No Data Available	B4	P			
T116	642 300 000	A1	1.2	3	1	12	0.2	0.2	No Data Available	B4	P			
T134	542 300 000	A1	4	1	150	75	2	1.2	100	75	1.2	B4	P	
T136	642 300 000	G2	4	8	200	150	1.8	100	1.6	100	1.6	B4	T	
T151	642 300 000	G2	4	15	200	150	1.2	1.8	100	100	1.8	B4	P	
T204	023 004 060	G1	2	1	150	0.6	1.25	0.6	88C	0.6	88C	T		
T223	023 004 060	G1	2	2.8	125	3	2.5	100	2.5	100	2.5	88C	T	
T435	023 100 060	G1	4	5	250	60	6.5	100	2.4	88C	6	88C	T	
T460	023 004 060	G1	4	45	250	60	6.5	100	6	88C	6	88C	T	
T635	023 100 060	G1	6.3	16	250	20	2.2	100	3	88C	3	88C	T	
T1335	023 100 060	G1	13	4.5	225	6	2.5	100	2.4	88C	2	88C	T	
TB13	802 310 000		13					D				1.5	B4	T
TB032	642 300 000		2	30	150	12	1.5	100	1.5	100	1.5	B4	T	
TB052	642 300 000		2	15	150	7	1.2	100	1.2	100	1.2	B4	T	
TB062	642 300 000		2	10.5	150	13	2	100	2	100	2	B4	T	
TB102	642 300 000		2	4	150	5	1.3	100	1.2	100	1.2	B4	T	
TB122	642 300 000		2	4.5	150	6	3.5	100	3.5	100	3.5	B4	T	
TB172	642 300 000		2	4.5	150	4	1.4	100	1.4	100	1.4	B4	T	
TB282	642 300 000		2	1.5	150	2	1.3	125	1.3	125	1.3	B4	T	
TB402	446 230 700		4	1.5	150	6	100	150		1.5	B7	TT		
TB452	542 300 000	A1	2	150	75	2	1.5	150	75	1.5	B4	P		
TB52	542 300 000	A1	2	150	75	4	1.5	150	75	1.5	B4	P		
TB52	542 300 000	A1	2	150	90	2	1.4	100	90	1.4	B4	P		
TB520	642 310 000		20	1.5	200	0.2	4	150	4	B5	T			
TB520	642 300 000	G1	4	7	250	4	2	100	2	B7	DDT			
TB6113	809 231 600	G1	13	5	200	4	3.6	100		3.6	B7	DDT		
TC05.25	642 300 000		4	400	65	2.2	No Data Available	B4						
TC432	642 300 000		2	4.5	150	9.5	2.5	100	100	2.5	B5	P		
TC432	642 300 000	G2	2	4.5	150	9.5	2.5	100	100	2.5	B4	P		
TD05-12	*21 010 310	A1G1	6					4	100			A08	T	
TD044	642 300 000		4	40	250	40	3	100	3	100	3	B4	T	
TD2	642 300 000		2	1	150	4	0.9	100	0.9	100	0.9	B4	T	
TD10C	023 189 060		13	2	200	4	2	100	2	100	2	B7	DDT	
TD22	682 390 000	G1	2	5.5	150	2.5	1.4	100	1.4	100	1.4	B5	DDT	
TD22A	682 390 000	G1	2	1.5	150	2	1.2	125	1.2	125	1.2	B5	DDT	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE				
				Neg. Grid Volt	Anode Volt	Screen Volt	Ia mA	mA/V	Anode Volt	Screen Volt	mA/V					
TRB4	808 231 600	G1	4	7	250								B7	DDT		
TRD13	025 189 060	G1	13										2.9	B8C	DDT	
TRD13C	809 231 600	G1	13	5	200	4	2	100	2	100	2	B7	DDT			
TRD25	809 231 600	G1	25	1	100								2	B7	DDT	
TRZ	028 090 310		26										15mA	A08	RR	
TR3	028 090 310		12										15mA	A08	RR	
TR5	028 090 310		6.3										15mA	A08	RR	
TR094	642 310 000		4	16	200	12	1.3	100					1.3	B5	T	
TR104	642 300 000		4	26	400	61	4	100					2.4	B5	T	
TR244	642 310 000		4	3.5	200	6	2.4	150					2.4	B5	T	
TR384	642 310 000		4	2	200	3	1.5	150					1.5	B5	T	
TR424	542 310 000	A1	4	200	100	3	2	100	100	2	100	2	B5	P		
TR434	642 350 000	A1	4	14	250	36	2	100	150	2	100	150	B5	P		
TR464	041 231 500	A1	4	1.5	200	100	3	2.5	100	100	2.5	B7	P			
TR474	041 231 500	A1	4	1.5	200	100	4.5	2	100	100	2	B7	P			
TR534	642 310 000	G2	4	15	250	24	2	100	150	2	100	150	B5	P		
TR564	041 231 600	A1	4	1.5	200	100	4.5	2.2	100	100	3.2	B7	P			
TR634	045 231 600	A1	4	22	250	36	2	100	100	2	100	100	B7	P		
TR694	642 310 000		4	1.6	250	4	2	200	4	200	4	B5	T			
TR6-4	061 231 500	G1	4	2.7	250	11	2	200	150	2	200	150	B7	P		
TR104	642 300 000		4	36	400	61	4	100					B4	T		
TR1	276 454 300		6.3					4	100	60			B8B	TH		
TR2	645 230 700	G1	2	1.5	250	75	4	1.2	125	60	1.2	125	60	1.2	B7	TH
TR4	645 231 700	G1	4	2	200	100	3.5	2.0	200	75	2.0	200	75	2.0	B7	TH
TR4A	645 231 700	G1	4	2	250	100	3.5	2.0	200	100	3.0	200	100	3.0	B7	TH
TR4B	645 231 700	G1	4	3	100	9	3.8	100	60	5.5	100	60	5.5	B7	TH	
TR13C	645 231 700	G1	13	1.5	250	75										

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
													Base
U31	020 080 310		26										50mA A08 R
U33	002 300 000	D1	2										50mA A08 R
U35	020 000 030	D1	1.4										50mA A08 R
U37	023 000 000	D1	1.4										50mA A08 R
U41	*2* 0*0 3*0	D1	1.2										50mA A08 D
U43	023 000 000	D1	6										50mA A08 R
U45	230 000 000	D1	6										50mA A08 R
U47	230 000 000	D1	2										50mA A08 R
U49	230 232 032	D1	2										50mA A08 R
U50	020 908 030		5(5-7)										50mA A08 R
U51	030 908 000		5										50mA A08 R
U52	030 908 000		5(5-7)										50mA A08 R
U52IT	008 090 230		5(5-7)										50mA A08 R
U54	030 908 000		5(5-7)										50mA A08 R
U60	*2* ** 3*0	D1	6.3										50mA A08 R
U60/500	892 300 000		4										20mA B4 R
U60/550	028 300 000		7.5										20mA B4 R
U70	028 300 310		6										20mA A08 R
U71	028 080 100		30										20mA A08 R
U74	028 080 310		30										20mA A08 R
U76	020 080 310		30										50mA A08 R
U77	*20 809 020		5										50mA A08 R
U78	802 309 100		6										50mA A08 R
U81	009 008 230		6										50mA A08 R
U82	209 008 130		6										50mA A08 R
U84	009 **8 230		4										15mA B8B RR
U101	280 008 130		50										20mA A08 R
U107	281 008 300		40										20mA A08 R
U118	280 *** 130		60										20mA A08 R
U119	**1 23* **8		38										20mA A08 R
U120/500	892 300 000		2										20mA B4 R
U134	028 190 310		13										20mA A08 R
U142	280 000 130		31										20mA A08 R
U143	020 908 030		4										15mA A08 R
U145	280 000 130		60										20mA A08 R
U147	028 090 310		6										20mA A08 R
U149	209 008 130		6										15mA B8B RR
U150	280 009 130		6										20mA A08 R
U151	023 000 000	D1	6										20mA A08 R
U152	001 230 008	C	17										70mA B9A R
U153	** 23* **8	C	19										60mA B9A R
U154	** 23* **8	C1	19										70mA B9A RR
U191	0** 080 230	C1	19										30mA A08 R
U192	** 23* **8	C1	19										40mA A08 R
U193	** 23* **8	C1	19										60mA A08 R
U201	020 080 310		20										30mA B9A R
U251	** 23* **8	C	25										30mA B9A R
U281	020 080 310		28										80mA A08 R
U282	001 000 230	D1	28										30mA A08 R
U291	028 08* 310		29										40mA A08 R
U301	0** 080 230	C	30										35 A08 R
U309	** 23* **8	C	20										70mA B9A R
U319	** 23* **8	C	20										70mA B9A R
U329	** 23* **8	C	25										60mA A08 R
U339	0** 080 230		19										35mA A08 R
U381	** 23* **8		38										30mA B9A R
U403	201 080 030		40										70mA A08 R
U404	280 *** 130		40										60mA B8A R
U415	642 300 000		4										1.4 B4 T
U418	642 300 000		4										1.6 B4 T
U450	602 300 000		6										15mA B4 R
U709	8* 23* 9**		6										20mA B9A RR
U718	** 23* 130		6.3										25mA B8A RR
U800	128 899 310		80										30mA A08 RR
U810	328 371 800		13										20mA B7 RR
U814OP	863 310 000		40										70mA B5 R
U820	625 414 257		55										70mA B9A RR

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE		
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
													Base	
TP23	645 230 700	G1	2	1-5	100	60	2.1	100	60	2.1	100	60	2.1	BT TP
TP25	207 640 530	G1	2	1-5	100	60	1.2	125	60	1.2	125	60	1.2	M08 TP
TP26	207 640 530	G1	2	1-5	100	60	1.7	125	60	1.7	125	60	1.7	M08 TP
TP290	561 230 740	G1	2	1-5	100	60	1.3	125	60	1.3	125	60	1.3	M08 TP
TP443	642 350 000	G1	4	2.2	100	75	1.5	125	75	1.5	125	75	1.5	B9 TP
TP1340	571 231 640	G1	13	6	200	250	1.4	150	60	1.4	150	60	1.4	B9 TP
TP2620	571 231 640	G1	26	2.5	250	200	1.5	140	100	1.5	140	100	1.5	B9 TP
TS49	261 504 130		20	4.5	250	150	6	100	100	5.2	100	100	5.2	B8B P
TS51	412 365 100		6	4.3	300	150	7	4.3	100	4	4.3	100	4	B7G P
TS52	672 344 100		6	0.8	100	8.5	5.3	100	5.3	100	5.3	100	5.3	B7G TT
TS53	541 236 **1		18	1.8	300	100	15	10	100	100	100	100	100	8 B9A P
TS54	541 236 **1		6.3	1.7	200	125	10	9	100	100	100	100	100	8 B9A P
TS54	061 231 500		4	2.5	250	150	8	14.5	100	100	100	100	100	4.7 B7 P
TS94	061 231 500		4	2.5	200	200	8	4.7	100	150	4.7	100	150	4.7 B7 P
TT2	222 833 390		4.4											A08 ID
TT4	642 310 000		4	16	250	30	3.2	100	100	3.2	100	100	3.2	B5 T
TT4A	642 310 000		4	9	250	30	4.1	100	100	4.1	100	100	4.1	B5 T
TT11	020 450 310	A1	6	11	250	150	30	3.5	100	100	3.5	100	100	6 A08 P
TT12	204 531 102	A1	19	13	250	250	72	6	100	100	6	100	100	6 B9G P
TT14	204 051 103	A1	6	13	250	250	72	6	100	100	6	100	100	6 B9G P
TT15	241 657 143		6	14	250	150	30	3.9	100	100	3.9	100	100	3.9 B9G PP
TT19	241 657 143		19	16.5	250	150	30	3.9	100	100	3.9	100	100	3.9 B9G PP
TT20	245 617 342		6	17	400	200	20	2.5	100	100	2.5	100	100	B7A PP
TT21	020 340 310	A1A2	6	6.3	300	300	80	7	No Data Available	A08 P				
TT22	020 340 310	A1	12.6	30	300	300	80	7	No Data Available	A08 P				
TT23	414 226 373		6.3	150	150	25	10.5	100	100	100	100	100	100	B9A PP
TT24	414 226 373		6.3	250	200	30	3.3	100	100	100	100	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	17	300	17	3.2	100	80	B8C TT				
TT203-10	802 310 000	A1A2	6	60	60	60	3	B5 TT						
TT2	892 310 000		30	60	60	60	20mA	B5 RR						
TT4	645 231 700	G1	4	5	150	90	1.5	150	60	1.5	150	60	1.5	BT TH
TT21	645 231 700	G1	21	2	150	15	2.5	100	60	2.5	100	60	2.5	BT TH
TT41	645 231 700	G1	4	3	100	90	3.8	100	60	3	100	60	3	BT TH
TT68F	23* 232 *32	D1	7.5	2.5	250	100	3.2	250	100	D				B9A R
TT40	204 300 020	A1	7.5	1	100	100	0.4	100	0.4	UX4 T				
U4C	642 300* 000		4	12	200	35	3.2	100	3.2	B4 T				
U4E	642 300 000		4	40	400	45	4	No Data Available	B4 T					
U4F	642 300 000		4	40	400	45	4	No Data Available	B4 T					
U5	892 300 000		5	15	150	15	15	150	15	15	150	15	15	20mA B4 RR
U8	892 300 000		7.5	60	60	60	REC	REC	REC	20mA B4 RR				
U9	892 300 000		4	30	300	30	15mA	B4 RR						
U10	892 300 000		4	30	300	30	15mA	B4 RR						
U12	892 300 000		4(5)	30	300	30	20mA	B4 RR						
U12/14	892 300 000		4(5)	60	600	60	30mA	B4 RR						
U14	892 300 000		4	60	600	60	20mA	B4 RR						
U15	802 300 000		6	120	1200	120	30mA	B4 R						
U16	802 300 000	D1	2	5	REC	5mA	B4 R							
U17	802 300 000	D1	2	5	REC	5mA	B4 R							
U18	892 300 000		4(5)	120	1200	120	30mA	B4 RR						
U18/20	892 300 000		4(5)	120	1200	120	30mA	B4 RR						
U19														

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE I60						DATA FOR AVO VALVE TESTER			TYPE			
				Neg. Grid Volts	Anode Volts	Is mA	mA/V	Anode Volts	Screen Volts	Anode Volts	Screen Volts	BASE mA/V				
														Base mA/V		
VE51	026 100 080		20					60			REC	20mA	RSC	R		
VE11	452 371 560		90				1.6				100	100		FB	PF	
VF1	023 110 560	G1	55	2.5	200	22	5	2			100	100			RSC	P
VF7	023 110 560	G1	55	2.5	250	100	3.5	2			100	150	6		RSC	P
VF14	612 330 140		60	4.5	250	250	12	7			100	100			FB	P
VE406	892 300 000		4				30				REC	15mA	B4		RR	RR
VE411	892 300 000		4				30				REC	15mA	B4		RR	RR
VE411	892 300 000		4				30				REC	15mA	B4		RR	RR
VE420	892 300 000		4				60				REC	20mA	B4		RR	RR
VE421	892 300 000		4				60				REC	20mA	B4		RR	RR
VE2503	892 300 000		4				30				REC	15mA	B4		RR	RR
VE2908	892 300 000		2.5				30				REC	15mA	B4		RR	RR
VE3008	892 300 000		4				30				REC	15mA	B4		RR	RR
VE3016	892 300 000		4				60				REC	20mA	B4		RR	RR
VE3630	892 300 000		4				120				REC	20mA	B4		RR	RR
VE5006	892 300 000		4				60				REC	20mA	B4		RR	RR
VE5007	802 300 090		4				60				REC	20mA	RSC		RR	RR
VE5107	812 380 100		6				5				D			FTG	D	D
VE2	142 364 100		6	4.5	150	13	5				100		5		FTG	T
VE5	412 365 100		6	2	200	125	7.7	5.1			100	100			FTG	P
VE13	041 231 500	A1	13	1.5	200	100	4	2			100	100	4		B7	P
VE13	041 231 500	G1	2				130				100	75			B4	H
VE13	041 231 500	G1	2				130				100	60			B7	H
VE14	041 231 500	G1	4	3	200	100	3.6				100	100			B7	H
VE13	123 164 560	G1	13	1.5	250	100	3.2				100	100			RSC	H
VE13	545 231 600	G1	13	1.5	200	100	3.2				100	100			B7	H
VE13	645 231 500	G1	13	3	200	100	2.6				100	100			B7	H
VE13	545 231 600	G1	13	3	200	100	2.6				100	100			B7	H
VE11	023 100 560	G1	55	14	200	200	25	2.2			100	100			RSC	P
VE11	023 100 560	G1	110	8.5	200	200	45	8			100	100			RSC	P
VE11	002 300 000	G1	2				3				D				B4	R
VE11	2** 007 500	A1	1.4								D				FTG	D
VE11	542 310 000	A1	4	1	200	80	14	2.4			200	75	2.4		B5	P
VE11	041 231 500	A1	4	2	250	100	3	3.5			150	100	3.5		B7	P
VE11	542 310 000	A1	4	1	250	100	5	3.5			200	100	3.5		B5	P
VE11	041 231 500	A1	4	2	250	100	8	2.7			100	100	2.7		B7	P
VE11	542 310 000	A1	4	1	200	80	11	2.1			200	75	2.4		B5	P
VE11	645 231 500	A1	4	1	200	80	5.2	2.4			200	75	2.9		B5	P
VE11	645 231 500	G1	2				150	90	1.8		150	90			B7	P
VE11	023 064 560	G1	2				150	50	2		No Data Available	RSC			RSC	O
VE11	645 231 500	G1	4	1.5	250	75	1.6				100	75			RSC	O
VE11	023 154 560	G1	4	1.5	250	75	1.6				100	75			RSC	O
VE11	123 164 560	G1	6	3	100	100	4.6				100	100			RSC	O
VE11	645 231 500	G1	13	1.5	250	75	1.6				100	75			B7	O
VE11	123 154 560	G1	13	1.5	250	75	1.6				100	75			RSC	O
VE11	023 164 570	G1	13	1	100	75	1	1.2			100	60	1.2		B7	TH
VE11	041 230 500	G1	2	1	150	150	3	1.7			80	100	1.7		B7	P
VE11	061 230 500	G1	2	1.5	150	150	1.6	0.7			80	90	0.5		B7	P
VE11	032 004 560	G1	2	15	150	150	2.5	0.7			150	150	0.6		RSC	P
VE11	032 010 560	G1	2	1	150	150	2.5	0.7			150	150	0.6		RSC	P
VE11	061 230 500	G1	2	1.5	150	150	1.3	2			150	75	2		B7	P
VE11	542 310 000	A1	4	2	200	100	4.5	2.3			100	100	2.3		B5	P
VE11	041 231 500	A1	4	2	200	100	4.3	2.5			100	100	2.3		B7	P
VE11	041 231 500	A1	4	2	200	100	4.3	2.5			100	100	2.5		B7	P
VE11	061 231 500	G1	4	3	250	250	11.5	2			100	100	1.8		B7	P
VE11	041 231 500	A1	4	2	250	250	11.5	4			100	150	4		B7	P
VE11	023 110 560	G1	4	2	250	100	8	1.8			100	90	1.8		RSC	P
VE11	061 231 500	G1	4	3	250	100	8	1.8			100	90	1.8		B7	P
VE11	412 361 500	G1	6	2.5	200	200	8	2.1			100	150	2.1		B7	P
VE11	061 231 500	G1	6	3	250	100	7.5	1.7			200	100	1.7		B7	P
VE11	023 110 560	G1	6	3	250	100	7.5	1.8			200	100	1.7		RSC	P
VE11	026 985 310	G1	13	3	250	125	9	1.1			100	100	1.1		A08	IDP
VE11	041 231 500	G1	13	1.5	200	100	6.3	3			100	100	3		B7	P
VE11	061 231 500	G1	13	3	200	100	8	2.8			100	100	2.8		B7	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE I60						DATA FOR AVO VALVE TESTER			TYPE			
				Neg. Grid Volts	Anode Volts	Is mA	mA/V	Anode Volts	Screen Volts	Anode Volts	Screen Volts	BASE mA/V				
														Base mA/V		
VE1	892 300 000		4				30				REC	30mA	B4		RR	RR
VE1	892 300 000		4				30				REC	30mA	B4		RR	RR
VE1	892 300 000		4(5)				60				REC	20mA	B4		RR	RR
VE1	208 090 030		4				60				REC	20mA	H08		RR	RR
VE1	208 090 030		4				60				REC	20mA	H08		RR	RR
VE1	208 090 030		4				120				REC	50mA	H08		RR	RR
VE1	208 090 130		6				30				REC	15mA	B8A		RR	RR
VE1	892 300 000		6				60				REC	20mA	B9A		RR	RR
VE1	892 300 000		6				60				REC	20mA	B9A		RR	RR
VE1	892 300 000		6				15				REC	10mA	B4		RR	RR
VE1	892 300 000		4				30				REC	15mA	B4		RR	RR
VE1	892 300 000		4				60				REC	20mA	B4		RR	RR
VE1	892 300 000		4				60				REC	20mA	B4		RR	RR
VE1	123 190 080		30				60				REC	20mA	RSC		RR	RR
VE1	388 028 120		50				120				REC	30mA	A08		R	R
VE1	3*8 02* 120		50				120				REC	30mA	A08		R	R
VE1	023 180 000		26				30				REC	15mA	F8		R	R
VE1	023 100 080		50				120				REC	30mA	RSC		R	R
VE1	023 100 080		35				30				REC	15mA	RSC		R	R
VE1	802 300 100		50				120				REC	50mA	F8		R	R
VE1	280 80* 130		50				120				REC	70mA	B8B		R	R
VE1	280 808 130		26				60				REC	20mA	B8B		R	R
VE1	020 080 310		50				120				REC	30mA	A08		R	R
VE1	280 000 130		31				60				REC	60mA	B8A		R	R
VE1	280 *0* 130		31				60				REC	60mA	B8A		R	R
VE1	**1 23* *8		55				180				REC	35mA	B9A		R	R
VE1	**1 23* *8		38				120				REC	60mA	B9A		R	R
VE1	**1 23* *8		31				60				REC	20mA	B9A		R	R
VE1	812 380 800		26				60				REC	20mA	FTG		R	R
VE1	802 369 100		26				60				REC	20mA	FTG		R	R
VE1	802 310 000		6.3				30				REC	15mA	FTG		R	R
VE1	002 300 000		20				60				REC	20mA	B5		R	R
VE1	002 300 000		4				15				REC	10mA	B4		R	R
VE1	023 100 080		20				60				REC	20mA	RSC		R	R
VE1	000 010 100		6.3				5				D				B8B	D
VE1	081 231 900		25				60				REC	20mA	B7		RR	RR
VE1	802 310 000		30				120				REC	50mA	B5		R	R
VE1	002 300 000		2								D				B4	D
VE1	**8* *9 230		4				30				REC	15mA	B8B		RR	RR
VE1	280 009 130		5				30				REC	15mA	B8A		RR	RR
VE1	28* *9 130		6.3				30				REC	15mA	B8A		RR	RR
VE1	2															

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140				DATA FOR AVO VALVE TESTER		TYPE	
				Neg. Grid Volts	Anode Screen Volts	b mA/V	mA	Anode Volts	Screen Volts		BASE
VT210-0148	029 080 310		6	8	250	60	2	REC	20mA	A08 RR	
VT390	026 040 310		6	8	250	100	2	REC	60	A08 T	
VT-T102	020 800 030		2	3	150	60	5-5	REC	20mA	A08 RR	
VT-T122	021 415 340		6	3	250	100	3	REC	100	1.6 A08 P	
VT-T123	026 540 310		6	12.5	250	250	4.5	100	150	4 A08 P	
VT-T124	216 498 130		6	2	250	200	2.3	200	1.6	B8B DDT	
VT-T125	027 446 310		6	5	250	3	1.6	200	1.6	A08 TT	
VT-T126	412 365 400		50	7.5	150	100	4	100	90	B7G P	
VT-T128	027 546 310	G1	6	3	250	100	4	100	60	1.6 A08 TH	
VT-T130	026 540 310		6	9	200	175	15	2.3	100	2.3 A08 P	
VT-T131	265 113 000	G1	6	3	250	100	2	100	100	1.2 UK6 P	
VT-T135	020 809 030		5	1	120	REC	REC	REC	30mA	A08 RR	
X14	026 546 300	G1	1.4	4	90	50	1.8	0.5	80	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	75	100	75	100	B7 H	
X22	645 320 600	G1	2	150	75	75	100	75	100	B7 H	
X23	645 231 700	G1	2	1.5	150	60	0.7	150	60	1.5 B7 TH	
X24	645 231 700	G1	2	1.5	150	60	0.7	150	60	1.5 B7 TH	
X25	265 461 300		1.4	1.5	75	50	1	0.4	80	0.4 B7G H	
X30	645 231 600	G1	13	3	150	75	7	100	75	B7 H	
X31	645 231 700	G1	13	150	75	2.2	100	60	2	B7 TH	
X41	645 231 700	G1	4	6	150	75	2.3	100	60	2 B7 TH	
X42	642 231 600	G1	4	3	250	75	2.3	150	60	1.8 B7 TH	
X61	027 546 310	G1	6	2	200	100	2	100	100	0.7 B7 TH	
X61H	027 546 310	G1	6	2	200	100	2	100	100	0.7 A08 TH	
X63	026 545 310	G1	6	3	250	100	6	1.6	100	1.6 A08 H	
X64	026 540 310	G1	6	1	200	100	3.3	1.1	100	1.1 A08 H	
X65	027 546 310	G1	6	3	250	100	8	2.5	100	60	1.1 A08 H
X66	027 546 310	G1	6	1	200	100	8	1.2	100	0.5 A08 TH	
X71	027 546 310	G1	15	3	250	100	4	1.2	100	1 A08 TH	
X73	026 546 310	G1	6	3	150	75	150	100	75	A08 H	
X75	026 546 310	G1	15	1	150	75	100	75	100	A08 H	
X76	027 546 310	G1	13	1	100	100	1.1	100	60	0.6 A08 H	
X77	412 366 100		6	2	250	100	4	1.2	100	1.6 A08 TH	
X78	542 376 400		6	2	100	12	6.5	2.2	100	6.5 B7G H	
X79	541 237 46*		6	1	150	75	5.3	2.2	100	2.2 B7G TH	
X81	276 454 130		6	3	250	100	3	2.2	100	3 B9A TH	
X99	264 300 000		3	4.5	90	2.5	0.4	80	0.4	UK4 T	
X101	276 454 130	G1	19	2	100	3	100	100	60	B8B TH	
X107	412 365 400		19	100	250	4	100	100	100	B7G 0	
X108	542 376 400		19	2	100	5	2.2	100	60	2.2 B7G TH	
X109	541 237 46*		19	2	250	75	2.3	2.2	100	2.2 B7G TH	
X118	276 454 130		28	2.5	200	100	3	2.9	100	60	2.8 B9A TH
X119	541 237 164		19	1	200	100	13.5	3.7	100	3.5 B8A TH	
X142	276 454 130		14	2	200	100	5	2.3	100	2.3 B9A TP	
X143	276 454 131		6	2	100	6.3	2.4	100	60	3.2 B8B TH	
X145	276 454 130		28	3.3	200	100	6	2.5	100	60	2.5 B8A TH
X147	027 546 310	G1	6	2	250	100	5	2.4	100	5.4 A08 TH	
X148	276 454 130		6	2	100	4.8	1.4	100	60	1.6 B8B TH	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140				DATA FOR AVO VALVE TESTER		TYPE	
				Neg. Grid Volts	Anode Screen Volts	b mA/V	mA	Anode Volts	Screen Volts		BASE
X150	276 454 130		6	2	100	5	2.6	100	60	2.8 B8A TH	
X179	541 237 164		6	3	100	5	2.3	100	100	3.5 B9A TH	
X177	412 366 100		6	2	250	100	6.5	2.3	150	100	2.4 B7G H
X6030	020 880 330		3	2	100	1	7	100	5	B8B D	
XA91	182 310 900		3.1			5				B8B D	
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	100	100	6 B9A TP	
XC82	641 227 413		6.3	0	200	11.8	3.1	100	3.1	B9A TT	
XC89	146 234 117		3.6	1.2	100	15	12.5	No Data Available	B9A TT		
XC189	741 236 410		4.5	1.2	90	15	12.5	No Data Available	B9A TT		
XC90	645 237 114		4.5	2	100	14	5	100	60	5 B9A TP	
XC92	645 237 114		4.8	1	150	18	8.5	100	60	8 B9A TP	
XC182	414 237 516		8	0	100	3.5	2.5	100	60	2 B9A TP	
XC184	461 237 145		7.8	1.7	200	3	4	100	60	4 B9A TP	
XC185	641 237 514		8.6	0.8	100	18	10.4	100	100	6.5 B9A TP	
XC186	415 237 146		7.5	1.7	250	1.2	16	100	60	100 B9A TP	
XD	642 300 000		2	1.5	75	36	10	100	80	0.7 SM4 T	
XD1.5V	642 300 000		1.5	1	50	0.4	0.4	80	SM4 T		
XD2.0V	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	EXG T		
XE4	623 000 000		1.25	2	12	0.23	0.12	No Data Available	EXG T		
XE8	141 230 651		3.4	2	200	175	10	7.2	100	6 B9A P	
XE5	141 230 651		2.5	2	250	100	6	150	100	5 B9A P	
XE6	501 236 014		2.5	2	250	150	2.3	100	100	1.8 B7G P	
XE94	412 365 100		3.1	1.0	250	150	10.8	3.2	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	10	15	No Data Available	B9A P		
XP1	624 300 000		W.5	40	40	3.5	2	No Data Available	B9A T		
XP2	652 430 000		1.2	60	60	1.8	1.1	No Data Available	B5A P		
XP3	684 300 000		1.2	5	150	4	1.7	125	1.7	B5 T	
XP5	652 430 000		1.2	60	60	1.8	1.1	No Data Available	B5A P		
XP10	653 420 000		0.6	20	20	20	20	No Data Available	B5A P		
XP20	653 420 000		0.6	20	20	20	20	No Data Available	B5A P		
XP30	653 420 000		0.6	20	20	20	20	No Data Available	B5A P		
XP40	653 420 000		0.6	20	20	20	20	No Data Available	B5A P		
XP50	653 420 000		0.6	20	20	20	20	No Data Available	B5A P		
XP11	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	3.1	0.6	No Data Available	B5A P		
XP115	653 420 000		1.2	6.5	60	3	0.6	No Data Available	B5A P		
XP120	653 420 000		1.2	1.2	20	20	0.4	0.4	No Data Available	B5A P	
XP121	653 420 000		1.2	1.2	20	20	0.4	0.4	No Data Available	B5A P	
XP122	653 420 000		1.2	1.2	20	20	0.4	0.4	No Data Available	B5A P	
XP123	653 420 000		1.2	2	20	0.4	0.3	No Data Available	B5A P		
XP131	653 420 000		1.2	1.5	20	0.4	0.3	No Data Available	B5A P		
XP132	653 420 000		1.2	1.5	20	0.4	0.3	No Data Available	B5A P		
XP133	653 420 000		1.2	2	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	0.7	0.6	No Data Available	B5A P		
XP141	653 420 000		1.2	1.2	40	0.3	0.4	No Data Available	B5A P		
XP143	653 420 000		1.2	2	20	0.4	0.3	No Data Available	B5A P		
XP151	653 420 000		1.2	3	20	0.2	0.3	No Data Available	B5A P		
XP153	653 420 000		1.2	3	20	0.5	0.3	No Data Available	B5A P		
XP15H	653 420 000		1.2	3	20	0.5	0.3	No Data Available	B5A P		
XP154	653 420 000		1.2	2	20	0.3	0.6	No Data Available	B5A P		
XP1.0V	642 300 000		2	1.5	75	1.5	0.6	No Data Available	SM4 T		
XP1.5	642 300 000		2	1.5	75	1.5	0.6	No Data Available	SM4 T		
XP1.5	642 300 000		1.5	1	60	1.5	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			TYPE
				Neg. Grid Volts	Anode Screen Volts	In mA	mA/V	Anode Volts	Screen Volts	mA/V	Anode Volts	Screen Volts	
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	B7C P	
Z90	256 101 403		6	1.5	200	150	4	6.4	100	150	2	B08 P	
Z142	260 154 130		21	2	200	200	10	8.5	100	150	8	B8A P	
Z145	261 514 130		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	141 230 651		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	G2	2	7.5	150	150	15	2	100	100	2	B4 P	
Z220	642 300 000		2	7.5	150	150	15	2	100	100	2	B5 P	
Z229	141 230 651		7.3	1.9	200	175	10	8.8	100	100	100	B9A P	
Z359	141 230 651		12	2	250	250	20	15	100	100	100	B9A P	
Z719	141 230 651		6	2	200	175	10	7.4	100	150	6.1	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	
Z81	892 310 000		13						D			B5 BD	
Z82	642 300 000		2	12	150	7	7	1	100			B4 T	
Z817	208 564 300		1.4	1	90	90	2.7	0.6	80	90	0.6	B7C DP	
Z825	298 564 300		1.4	1.5	60	60	0.2	0.2	No Data Available	B7C DP			
Z8152	341 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A IDP	

VALVE	SELECTOR SWITCH No.	T.C.	VF	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160						DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	In mA	mA/V	Anode Volts	Screen Volts	mA/V	Anode Volts	Screen Volts	
XL01-5V	741 231 645		8	7.3	250	250	48	11.3	100	150	10	B9A P	
XL1-5V	642 300 000		1.5	1	60	60	0.7	0.6	No Data Available	SM4 T			
XL2-0V	642 300 000		2	1	60	60	1.1	0.9	No Data Available	SM4 T			
XL2-0V	642 300 000		2	1	60	60	1	0.8	No Data Available	SM4 T			
XL36	642 300 000		1.5	4.5	50	50	1.7	0.7	80			SM4 T	
XL84	692 364 100		2	1	50	100	1.1	0.9	80			B7C T	
XL86	692 364 100	A1	12.8	8.3	100	100	77	11	100	150	10	A08 P	
XP	642 300 000		2	4.5	100	100	9.5	1	80			SM4 T	
XP1-5V	642 300 000		1.5	4	60	60	1.8	0.8	No Data Available	SM4 T			
XP2	642 300 000		2	4.5	75	75	4	1	80			SM4 T	
XP81-5	264 730 000	G1	1.5	4.5	40	40	0.5	0.5	60			SM5 TT	
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	3.5	100	100	3.5	B8D P	
XR8	462 603 160		6.3	2.5	100	100	8	4.2	100	100	4.2	B8D T	
XR9	742 113 460		6.3	1.8	100	100	8.5	5	100	100	5	B8B TT	
X86	542 300 000	A1	2	1	150	60	1.4	0.7	100	60	0.6	SM4 T	
X81-5V	542 300 000	A1	1.5	50	30	0.5	0.3	No Data Available	SM4 P				
X82-0V	542 300 000	A1	2	60	30	0.6	0.4	No Data Available	SM4 P				
X82-0V	542 300 000	A1	2	60	30	0.4	0.3	No Data Available	SM4 P				
X11-5	254 630 000	G1	1.5	60	30	0.7	0.5	No Data Available	SM5 P				
X11-5V	251 630 000		1.5	50	30	0.7	0.5	No Data Available	SM5 P				
X12-5V	244 630 000		2	60	50	1.7	1.4	No Data Available	SM5 P				
X8075A	653 420 000		0.6	40	30	0.3	0.2	No Data Available	B5A P				
X8075B	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				
X0D	216 447 130		12.5	10	250	250	9	2.1	100	100	2.1	B8B TT	
X0FH	264 189 130		6.3	2	250	1.5	1.5	100	1.4	B8B DDT			
XXL	260 004 130		6	3	250	8	2.3	B8B T	2.3	B8B T			
XT	254 630 000		2	3	75	75	4	1.2	80	75	1.2	SM5 P	
X11-4A	653 420 000		1.4	4.5	40	40	1.8	0.5	No Data Available	B5A P			
X11-4B	653 420 000		1.2	4.5	40	40	1.6	0.6	No Data Available	B5A P			
X11-4C	653 420 000		1.2	1.5	40	40	0.5	0.5	No Data Available	B5A P			
X11-5	254 630 000		1.5	1.5	40	40	1.7	1	No Data Available	B5A P			
X12-0V	246 530 000		2	2	60	50	1.7	1.4	No Data Available	SM5 P			
X11-4B	653 420 000		1.2	4.5	40	40	0.3	0.6	No Data Available	B5A P			
X114CC	653 420 000		1.2	1.5	40	40	0.5	0.5	No Data Available	B5A P			
X186	645 231 600	C	16	20	250	250	40	3.9	100	150	40ma	B9A R	
X120	642 300 000	G2	2	4.5	150	150	10.5	2.5	100	100	2.5	B4 P	
X120	642 350 000		2	4.5	150	150	10.5	2.5	100	100	2.5	B5 P	
X230	642 350 000		2	3	150	150	5	100	100	100	B5 P		
Y1000	230 232 032		4	160	12.5	14	No Data Available	B9A T					
Y088	414 234 464		2.6	1.2	100	10.5	No Data Available	B7C T					
Y095	142 360 100		4.2	1.2	100	15	12	No Data Available	B9A T				
Y0C89	146 234 117		2.8	1.9	200	100	15	12	No Data Available	B9A TT			
Y0L82	414 237 516		10.8	0	100	3.5	2.5	100	60	2	B9A TT		
Y0L84	461 237 145		10	1.7	200	150	3	4	100	60	4	B9A TT	
Y0L86	415 237 146		10	1.7	250	150	1.2	1.6	100	60	1.6	B9A TT	
Y0C	642 300 000		2	4.5	150	6	3	100	2	B4 T			
Y0F83	141 230 651		4.2	2	200	100	12	12.5	No Data Available	B9A P			
Y184	141 230 651		4.2	3.5	200	200	10	15	No Data Available	B9A P			
Y186	141 230 651		4.2	3.5	200	200	10	15	No Data Available	B9A P			
Y188	141 230 651		4.2	3.5	200	200	10	15	No Data Available	B9A P			
Y188	141 230 651		4.2	3.5	200	200	10	15	No Data Available	B9A P			
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	BT 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	1	150	150	2.5	1.4	100	100	1.4	B7 P	
Z22M-1	041 230 500	A1	2	1	150	150	2.5	1.4	100	100	1.4	B7 P	
Z26	045 231 600		26	5.5	250	250	32	7.5	100	100	8	BT P	
Z65	036 510 310	G1	6	2	250	150	10	7.5	100	100	7.5	A08 P	
Z65	036 510 310	G1	6	2	250	150	10	7.5	100	100	7.5	A08 P	
Z66	026 510 310	G1	6	1.5	200	200	10.9	8.5	100	150	8	A08 P	

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 I60					BASE
				Neg. Grid Volts.	Anode Volts	Target Volts	Is mA	Ra MΩ	
1H1	4*0 230 060		1-4	34	250	0	0.09	2.2	B8D
1H3	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
2E5	264 513 000		2-5	22	250	250	0.2	1	UX6
6AR5	264 513 000		6	15.5	150	150	0.13	1	UX6
6AD6	026 540 310		6	3	150	150	1.0	1	A08
6AP6	026 540 310		6	50	150	125	0.16	1	A08
6AP7	026 457 310		6	4.5	200	200	0.15	1	A08
6BR5	41* 23* 6*5		6	15	200	200	0.4	0.5	B9A
6CD7	026 546 310		6	4.2	250	250	0.2	1	A08
6E5	264 513 000		6	7.5	250	250	0.2	1	UX6
6E5	264 513 000		6	22	250	250	0.2	1	UX6
6E5	264 513 000		6	22	250	250	0.2	1	UX6
6H1	026 540 310		6	22.5	250	250	0.2	1	A08
6H2	*25 456 310		6	4	250	250	0.12	0.2	A08
6H2	*25 456 310		6	2	250	250	0.25	0.1	A08
6N5	264 513 000		6	15.3	150	150	0.2	1	UX6
6N5	264 513 000		6	22	250	250	0.2	1	UX6
6N5	264 513 000		6	22	250	250	0.2	1	UX6
6O5/6E5	025 540 310		5	5	250	250	0.2	1	A08
6ZB1	264 513 000		6.3	7	250	250	0.2	1	UX6
10H1	026 540 310		18	19	200	175	0.2	1	A08
10Q2	2*6 456 130		12.6	3	200	200	0.1	0.2	A08
12U5	264 513 000		12.6	20	200	200	0.19	0.1	UX6
41HE	023 104 560		4	22	250	250	0.2	1	B5C
63HE	026 540 310		6	22	250	250	0.3	1	A08
64HE	026 457 310		6	16	250	250	0.2	1	A08
65HE	41* 23* 6*5		6	2.5	250	250	0.2	1	A08
1629E	026 540 310		12.5	8	250	250	0.2	1	B9A
467R	023 104 560		6	5	250	250	0.1	2	B5C
AC/HE	045 231 600		4	22	250	250	0.2	1	BT
AM1	023 104 560		4	5	250	250	0.1	2	B5C
1M21	026 540 030		1.4	90	90	90	0.03	2	A08
1M70	4*0 230 060		1.4	23	200	0	0.1	1	B8D
1M71	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 I60					BASE
				Neg. Grid Volts.	Anode Volts	Target Volts	Is mA	Ra MΩ	
E130	026 540 310		6	15	250	250	1	1	A08
E1320	026 540 310		6	11	250	250	1	1	A08
EH1	023 104 560		6	18	200	200	0.2	2	R5C
EH3	023 104 560		6	18	200	200	0.2	1	R5C
EH4	023 164 560		6	12.5	200	200	1	1	R5C
EH11	026 546 310		6	5	250	250	1	1	A08
EH31	026 540 310		6	5	250	250	1	1	A08
EH34	026 456 310		6	4.2	250	250	1	1	A08
EH35	026 540 310		6	12.5	250	250	1	1	A08
EH36	026 540 310		6	22	250	250	1	1	A08
EH71	251 064 130		6	20	250	250	0.5	0.5	B8B
EH80	41* 23* 6*5		6	14	250	250	0.4	0.5	B9A
EH81	41* 23* 6*5		6	10.5	250	250	0.4	0.5	B9A
EH84	4*1 235 6*6		6.3	22	250	250	0.5	0.5	B9A
EH87	4*1 235 6*6		6.3	14	250	250	1.1	1	B9A
EH840	4*1 235 6*6		6	22	250	250	0.5	0.5	B9A
ET4	026 540 310		4	6	250	250	0.2	2	B5C
ET4S	023 104 560		4	5	250	250	0.2	2	B5C
HE6S	023 104 560		4	5	250	250	0.2	2	B5C
HE41	216 040 530		4	22.5	250	250	0.2	1	MOR
HE91	216 040 530		9	17	150	150	0.2	1	MOR
HE920	045 231 600		9	19	200	175	0.2	1	BT
PM5	206 546 130		6	5	200	200	0.5	0.5	A08
PM4	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	B5C
TV4	023 140 560		4	5	250	250	1	1	R5C
UM4	206 546 130		12.6	12.5	200	200	1	1	A08
UM11	206 546 130		15	4.2	200	200	1	1	A08
UM34	026 456 310		12.5	12.5	200	250	1	1	A08
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
VF14	026 540 310		4	20	250	250	0.2	1	A08
VE4	045 231 600		4	22	250	250	0.2	1	BT
VTP6	026 540 310		6	22	200	200	0.2	1	A08
Y25	4*0 320 060		1.4	34	250	250	0.09	2.2	B9A
Y61	026 540 310		6	22	250	250	0.2	1	A08
Y62	026 540 310		6	22	250	250	0.2	1	A08
Y63	026 540 310		6	22	250	250	0.2	1	A08
Y64	026 540 310		6	22	250	250	0.2	1	A08
Y65	026 540 310		6	11	250	250	1	1	A08

APPENDIX IV.

Test Data for Russian Valves

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	250	250	10	7.5	B8D	P	See Notes J & E	
CV2001	412 361 500		6	2	250	150	4	6.4	B8D	P	See Notes J & E	
CV2002	412 360 500		6	1.5	200	150	4	6.4	B8D	P	See Notes J & E	
CV2003	412 360 500		6	13.5	250	250	16	2.6	Spec	P	See Note J	
CV2004	192 310 800		6	13.5	250	250	16	2.6	Spec	P	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	RR	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	TT	See Note J	
CV2010	742 344 100		6	1	100		8.5	5.6	Spec	TT	See Note J	
CV2011	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	250	250	10	7.5	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	See Note J	
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	DET22
CV2231	*41 23* 651, 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		

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			
1K111	265 024 300		1-2	0.5	60	40	1.7		.65	No Data Available			B7G	P
1B111	208 564 300		1-2	0	60	40	1.0		.25	No Data Available			B7G	DF
2D111	264 536 200		1-2	3.5	60	60	2.8		0.9	No Data Available			B7G	P
6B211	452 368 100		6-3	1.5	250	100	6.5	2.0	100	100	100	2	B7G	DP
6K111	412 365 100		6-3	3	250	100	6.7	1.85	100	100	100	1.9	B7G	P
6K411	412 365 100		6-3	1.0	250	100	11	4.4	100	100	100	4.4	B7G	P
6K211	412 365 100		6-3	2.2	125	125	7.5	5.2	100	100	100		B7G	P
6K311	412 365 100		6-3	2.2	125	125	5.5	3.55	100	100	100		B7G	P
6K411	412 365 100		6-3	2	250	150	7	5	100	100	100		B7G	P
6K511	412 365 100		6-3	1	250	100	11	4.4	100	100	100	4	B7G	P
6K511A	412 365 100		6-3	2.0	250	100	10	9	100	100	100		B7G	P
6C111	205 411 300	A ₁	12.6	85	400	60		3.5	No Data Available				B7G	P
6C211	612 364 100		6-3	7	250		6.3	2.2	100			2.2	B7G	T
6C311	412 344 600		6-3	1.0	100	10		11	No Data Available				B7G	T
6H111	672 344 100		6-3	2	100		8.5	5.6	100			5.6	B7G	TT
6H111	641 237 410		6-3	4.8	250		8	4.3	100			8	B9A	T
6H211	641 227 413		6-3	1.5	250		2.3	2	100			2	B9A	T
6X211	182 310 900		6-3				5		D				B7G	RR
6J111	802 310 900		6-3				30		REC			15	B7G	RR
6J211	412 365 100		6-3	5.5	125	125	35	8	100	100	100	6	B7G	P
6J311	651 236 415		6-3	12.5	250	250	45	4.5	100			PenLF 4	B9A	P

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		DETS
CV384	642 300 000		(5)	30	400		62	7.5	B4	T		DETS
CV1155	642 300 000		4	0	75		0.7	0.2	B4	T		
CV1223	642 300 000	A ₁	(5)	30	400		62	7.5	B4	T		DETS
CV1508	002 300 000		(5)	40	100				B4	R		
CV1584	642 310 000		4	3.5	200		5.4	3.1	B5	T		

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	A1	2	40	20	B7	RR	Test A1 & A2
405BU	672 300 000	A1	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	A1	4			85C	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	
ET51	230 000 000	A1	6	100	9	B3G	R	
HVR2A	002 300 000	A1	4	100	10	B4	R	
R12	002 300 000	A1	2(2.5)	100	10	B4	R	
SU61	230 000 000	A1	6.3	100	9	B3G	R	
SU2150	002 300 000	A1	6.3	100	9	B3G	R	
SU2150A	002 300 000	A1	2(2.5)	60	4	B4	R	
U17	002 300 000	A1	2	200	50	B4	R	
U19	002 300 000	A1	4	40	35	B4	R	
U21	002 300 000	A1	4(5)	40	70	B4	R	
U22	002 300 000	A1	2	60	4	B4	R	
U23	200 000 030	A1	2(3)	60	4	B4	R	
U24	002 300 000	A1	4(5)	40	4	H08*	R	
U41	020 000 300	A1	2	20	0.5	A08	R	
U43	020 300 000	A1	1.25	200	6	A08	R	
U151	230 000 000	A1	6.3	100	9	N11	R	
V960	002 300 000	A1	6.3	100	9	N11	R	
V1906	002 300 000	A1	4	80	90	B4	R	
V1907	002 300 000	A1	4(5)	60	100	B4	R	
V1913	002 300 000	A1	4	150	70	B4	R	
V1920	002 300 000	A1	4(5)	40	100	B4	R	
VL51	002 300 000	A1	4(5)	100	90	B4	R	
CV317	322 322 222	A1	4	100	10	B4	R	
CV121	002 300 000	A1	4(5)	60	80	B9G	R	
				100	90	B4	R	

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Diagram of Standard Pin Connections

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

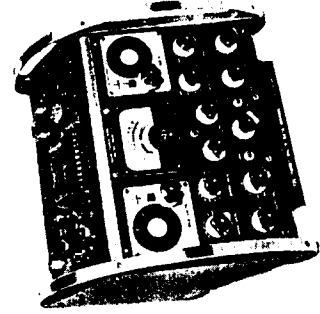
Test Data for Receiving and Small Transmitting Valves

Data for Tuning Indicators (Magic Eyes)

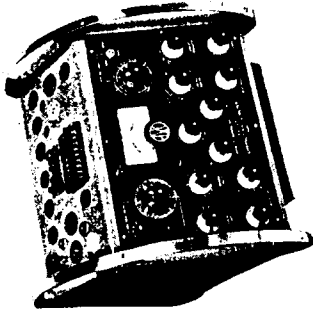
Test Data for High Voltage Rectifiers

Test Data for Service Type Valves

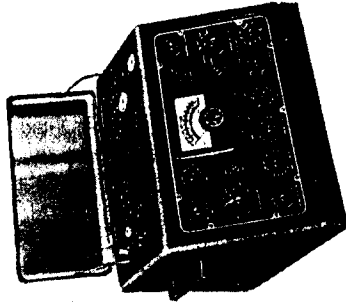
Test Data for Russian Valves



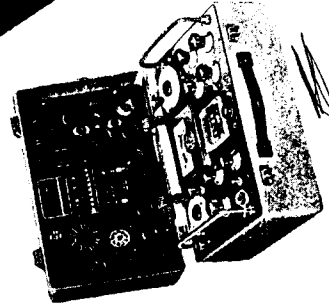
Valve Characteristic Meter. Mk. IV



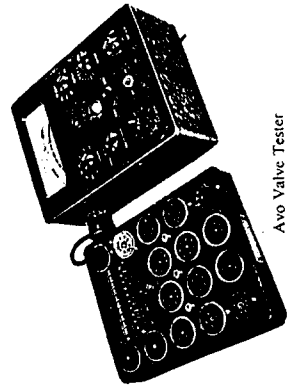
Valve Characteristic Meter. Mk. III



Valve Characteristic Meter. Mks. 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 'ϕ'.

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	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 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.

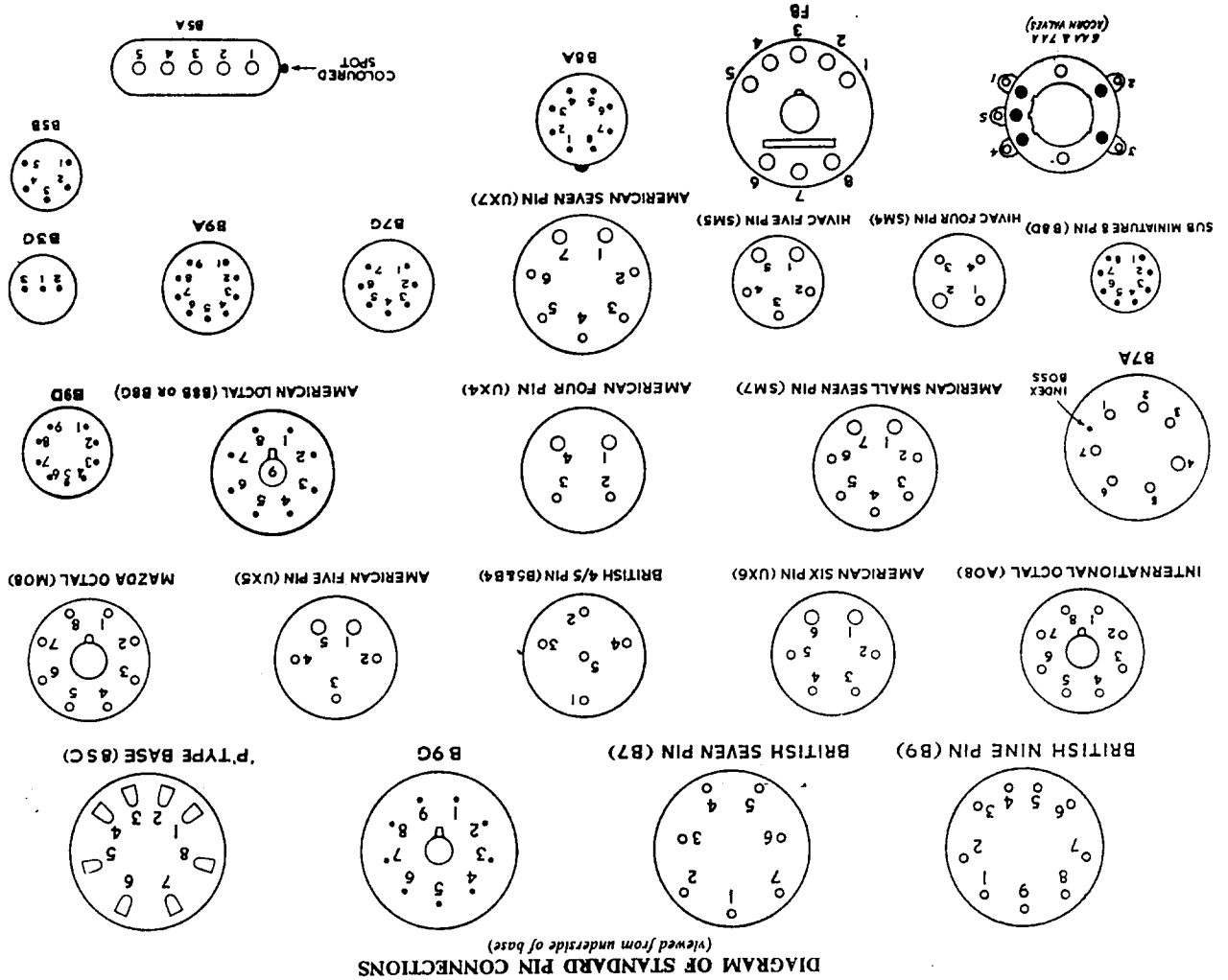
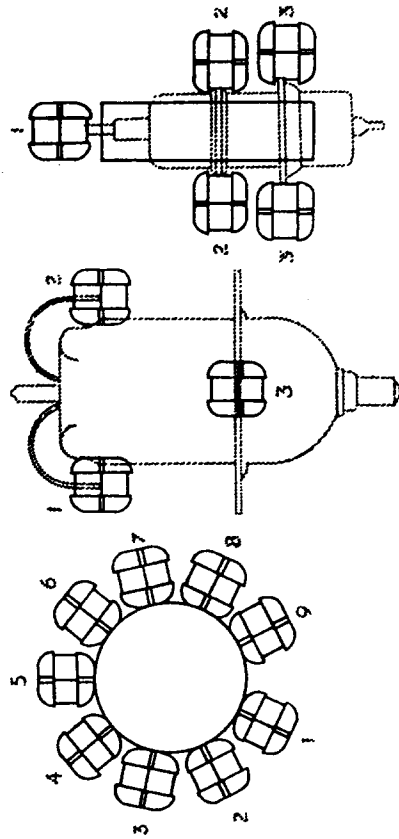
ABBREVIATIONS

- 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 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.	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE		
			Chg. Grid Volts	Screen Volts	IA mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE			
023	007 060 010	-	58	30d	No Data Available	A08	OCR						
004	364 500 000	5	0	40	1.0	0.66	No Data Available	UX4 T					
001	364 500 000	5	0	40	1.5	0.66	No Data Available	UX4 T					
011	364 500 000	5	4.5	90	2.5	0.8	80	UX4 T					
01A	364 500 000	5	9	150	3	0.8	80	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	0.5	0.1	No Data Available	B5A P				
054V	642 310 000	4	2.0	100	4	1.0	4	B5 T					
064	642 300 000	4	2.0	100	4.0	1.4	1.25	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	100	75	0.7 UX4 P		
1A4T	265 500 000	G1	2	3	150	75	2.2	0.6	100	75	0.6 UX4 P		
1A5	036 510 200	G1	2	4	150	90	4	2	0.85	80	75	0.8 A08 P	
1A6	266 453 000	G1	2	4	0	190	75	3	0.4	REC	20mA	UX6 BR	
1A7	892 300 000	G1	2	4	0	190	75	3	0.4	REC	20mA	UX6 BR	
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											
1A8S	365 004 220	1.2	1.5	150	150	6.8	1.35	100	100	100	0.7 A08 DTP		
1A8B	365 004 220	1.4	4.1	60	60	1.65	0.1	No Data Available	B7G H				
1A8C	44 391 900	1.2	4.1	60	60	2.0	0.75	60	60	0.7 B8D P			
1A8D	266 464 300	1.4	4.0	60	60	4	2.2	80					
1A8E	652 430 000	1.2	1.6	90	90	5.7	2.3	80	75	2.0 B5A P			
1A8F	44 231 650	1.2	3.0	60	60	1.85	0.73	60	60	0.7 B8D P			
1A8G	265 024 300	1.2	0	40	40	3.5	1.55	90	80	1.5 B7G P			
1A8H	642 453 000	1.2	0	40	40	0.9	0.2	No Data Available	B5A P				
1A8I	265 024 300	1.4	0	90	90	1.65	0.95	80	90	0.9 B7G P			
1A8J	208 564 300	1.4	0	90	90	1.1	0.6	80	90	0.6 B7G DP			
1A8K	208 564 300	1.4	1.4	1.5	150	150	6.8	1.35	100	100	0.7 B8B P		
1A8L	208 564 300	1.2	4.1	60	60	1.65	0.1	No Data Available	B7G H				
1A8M	653 420 000	1.2	3.6	40	40	50	2.4	1	No Data Available	B5A P			
1A8N	658 243 000	1.2	2	40	40	0.2	0.2	80					
1A8O	652 453 000	1.2	40	40	40	0.7	0.7	No Data Available	B5A P				
1A8P	308 364 300	1.4	1.5	60	60	0.17	0.17	60	60	0.1 B7G DP			
1A8Q	266 424 300	1.4	0.8	40	40	1	0.4	N. Data Available	B5A P				
1A8R	652 430 000	1.2	4.0	40	40	0.7	0.7	No Data Available	B5A P				
1A8S	308 364 300	1.4	1.5	60	60	0.17	0.17	60	60	0.1 B7G DP			
1A8T	658 243 000	1.4	0.8	40	40	1	0.4	N. Data Available	B5A P				
1A8U	652 430 000	1.2	4.0	40	40	0.7	0.7	No Data Available	B5A P				
1A8V	365 004 020	1.4	4.5	90	90	4	0.8	80	75	0.8 B8B P			
1A8W	365 004 020	1.4	0	90	90	2.0	0.3	80	60	0.2 B7G H			
1A8X	265 224 300	1.4	0	90	90	1.0	0.7	80	75	0.8 B7G P			
1A8Y	266 424 300	1.4	0	90	90	0.9	0.5	No Data Available	B7G H				
1A8Z	208 564 300	1.4	0	90	90	1.6	0.85	100	90	No Data Available	B7G DP		
1A8AA	265 024 300	1.4	0	90	90	1.6	0.85	100	90	No Data Available	B7G DP		
1A8AB	265 024 300	1.4	0	90	90	1.6	0.85	100	90	No Data Available	B7G DP		
1A8AC	030 000 200	D1	1.4					D		A08 D			
1A8AD	230 232 032	D1	1.4					D		A08 D			
1A8AE	020 000 300	D1	1.2					D		A08 R			
1A8AF	365 200 000	G1	2	3	200	50	1.7	0.6	100	60	0.6 UX4 P		
1A8AG	365 200 000	G1	2	3	150	75	1.7	0.6	100	60	0.6 UX4 P		
1A8AH	268 943 000	G1	2	3	150	75	1.7	0.6	100	60	0.6 UX4 P		
1A8AI	368 942 000	2	3	100	0.8	0.5	100	0.5	126 DDT				
1A8AJ	265 406 300	1.4	1.5	90	75	1.5	0.75	80	75	0.7 B7G P			
1A8AK	026 546 300	G1	1.4	0	90	50	1.8	0.8	80	60	0.8 A08 H		
1A8AL	037 546 280	1.4	6	90	6.3	1.1	80	75	1.1	A08 DTP			
1A8AM	289 300 000	6	4	75	4.5	1.2	80	1.4	1.4	UX4 DP			
1A8AN	266 424 300	1.4	4	75	4.5	1.2	80	1.4	1.4	B7G H			
1A8AO	266 464 300	1.4	4	60	4	1.2	80	1.4	1.4	B7G H			
1A8AP	260 406 300	1.4	3	90	1.4	0.76	80	0.7	80	0.7 B7G P			
1A8AQ	266 464 300	1.4	0	150	75	2.5	1	150	75	1	A08 DTP		
1A8AR	365 200 000	G1	2	4	0	150	75	2.5	1	150	75	1	A08 P
1A8AS	036 540 200	1.4	7.5	90	90	7.5	1.55	80	75	1.5 A08 P			
1A8AT	366 452 000	G1	2	0	150	75	1	150	75	1	UX6 H		
1A8AU	026 546 300	G1	1.4	0	150	75	1	150	75	1	A08 H		
1A8AV	240 236 540	1.2	2.5	30	30	0.3	No Data Available	B8D H					
1A8AW	624 300 000	1.2	2.5	150	7	100	No Data Available	B5A T					
1A8AX	026 447 300	1.2	2.5	125	7	100	No Data Available	B8B H					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE	
				Chg. Grid Volts	Screen Volts	IA mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE		
1D3	402 306 060		1.2	5	80	12.5	3.4	100				1.4 HMA T	
1D4	264 530 000		2	6	150	9.5	2.4	100				1.5 P	
1D5	802 310 000		40	2	3	150	60	12.2	0.7	100	60	60mA A08 P	
1D5B	026 500 300		3	3	200	75	2.3	0.7	100	75		A08 P	
1D5C	026 503 000		61	2	3	200	75	2.3	0.7	100	75		A08 P
1D5D	026 500 300		61	2	3	90	75	2.2	0.7	80	60	0.7 A08 P	
1D5E	026 500 300		61	2	3	150	75	2.2	0.6	100	60	0.6 A08 P	
1D5F	280 183 000		25	2	0	150	75	3	0.42	150	75	1.0 A08 P	
1D5G	036 546 200		1.4	0	90	90	1.1	0.5	80	60	0.5 A08 DTP		
1D5H	037 546 280		61	1.4	9	90	90	5	0.9	80	75	0.9 A08 DTP	
1D5I	281 048 300		1.4	1.4						D	No Data Available	B7G D	
1D5J	265 804 300		1.2	0	150	60	2.1	0.6	100			B5A T	
1D5K	402 203 060		1.2	0	150	20	3.5	90	0.76	90	0.7	A08 P	
1D5L	026 500 300		1.4	3	150	75	1.7	0.6	100	60	0.6	A08 P	
1D5M	036 500 200		G1	2	3	90	75	1.6	0.6	80	60	0.6 A08 P	
1D5N	036 500 200		G1	2	3	4.5	150	7.5	1.43	100	1.4	A08 DTP	
1D5O	036 447 250		1.2	0	60	60	1.8	0.74	No Data Available	B8D H			
1D5P	240 236 540		1.4	0.8	75	1.4	0.65	80	60	0.7 B7G P			
1D5Q	265 024 300		1.4	1.0	90	75	2.9	0.92	80	75	0.9 B7G P		
1D5R	265 024 300		1.4	1.0	90	50	1.9	0.75	80	60	0.7 B7G P		
1D5S	265 024 300		1.4	1.0	90	90	4	1.4	80	75	1.4 UX4 P		
1D5T	036 540 200		2	1.5	150	75	2.2	0.6	150	75	0.6 A08 P		
1D5U	036 895 200		G1	2	1.5	150	75	2.2	0.6	150	75	0.6 A08 DTP	
1D5V	036 895 200		G1	2	1.5	150	75	2.2	0.6	150	75	0.6 A08 DTP	
1D5W	036 895 200		G1	2	1.5	150	75	2.2	0.6	150	75	0.6 A08 DTP	
1D5X	265 024 300		1.4	1.4	1.5	150	75	2.2	0.6	150	75	0.6 A08 DTP	
1D5Y	265 024 300		1.2	20	200	175	10	7.5	100	100	7	B5A P	
1D5Z	14 230 051		1.4	1.5	60	60	0.17	0.17	80	60	0.1 B7G DP		
1D60	246 364 300		1.4	1.0	75	75	1.6	0.63	80	75	0.6 B7G DP		
1D61	208 564 300		D1	1.2	6	90	90	2.3	0.82	80	0.8 A08 T		
1D62	036 040 200		1.4	6	90	90	8.5	1.5	80	75	1.5 A08 P		
1D63	036 040 200		1.4	6	90	90	8.5	1.5	80	75	1.5 A08 P		
1D64	036 540 200		1.4	0	90	90	1.0	0.67	80	0.6	A08 TT		
1D65	026 447 300		1.4	0	90	90	1.0	0.67	80	0.6	A08 TT		
1D66	23 232 432		D1	1.4					D		B5A D		
1D67	026 447 300		1.2	5.5	150	60	3.5	0.7	80	60	0.7 B7G P		
1D68	026 040 300		2	9	150	100	3	0.8	100	100	A08 TT		
1D69	036 080 200		G1	1.4	0.5	100	0.1	0.2	80	0.9	A08 T		
1D70	036 894 200		2	3	150	150	0.8	0.57	100	0.5	A08 DTP		
1D71	265 424 300		1.4	1.4	1.5	150	7	0.95	100	100	0.9 A08 P		
1D72	265 424 300		1										

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Screen Volts	Ib mA	mA/V	Screen Volts	Anode Volts	BASE			
										mA/V	mA/V		
4L12	642 300 000		4	150	9	2	100	100	1.5	B4	T		
4L13	642 300 000		4	200	8	2	100	100	2	B4	T		
4L13A	642 300 000		4	11	14	2.5	100	100	2	B4	T		
4L14	642 300 000		4	200	10	2.2	No Data Available	No Data Available	2.2	B4	T		
4L15	642 300 000		4	100	10	2.2	100	100	2.2	B4	T		
4L16	642 300 000		4	150	100	2.2	100	100	2.0	B4	T		
4L20	642 300 000		2	100	1.4	1.4	100	100	1.4	B4	T		
4L28	642 300 000		4	150	10.5	3	100	100	3	B4	T		
4L29	642 300 000		4	8	20	3.6	100	100	3	B4	T		
4L30	642 300 000		4	150	20	3.6	100	100	2	B5	T		
4L31	642 310 000		4	200	3.4	2.6	100	100	2.6	B5	T		
4B8T	642 310 000		4	1	200	3.4	2.6	100	2.6	B5	T		
4B9T	412 365 400		4	6	100	175	100	100	100	1.2	B4	T	
4N08	642 300 000		4	100	8	1.2	100	100	3	B5	T		
4N10	642 310 000		4	150	3.5	1.5	100	100	1.5	B5	T		
4N11	642 310 000		4	200	5	1.5	100	100	1.3	B5	T		
4N1	892 300 000		4	30	30	1.5	100	100	1.5	B4	RR		
4E25	642 300 000		4	19	250	150	12	1.3	100	80	B4	P	
4B-1H2	741 236 410	02	4.2	1	90	8.5	8	80	80	80	B4	TT	
4R-1B1R	641 237 410		4.2	1	100	16	16	No Data Available	B9A	TT	TT		
4R-1B1R	641 237 410		4.2	1	90	16	16	No Data Available	B9A	TT	TT		
4S	289 130 000		2.5		200	1	0.6	100		UX5	DD		
4S09	542 300 000	A1	4							B4	P		
4S120	542 310 000	A1	4	200	2	0.7	100	100	100	B5	P		
4S121	542 310 000	A1	4	200	6	1	100	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	60	1.5	B7	TH		
4T1A	645 231 700	G1	4	5	250	100	3.5	2.5	100	2.2	B7	TH	
4T1P	446 231 500	A2	4	5	150	150	16	4.5	150	100	4.5	B7	TP
4T1PB	061 321 500	G1	4	3	250	150	12	8	100	100	7	B7	P
4T1SA	045 231 600	A1	4	4	250	100	5	1.6	250	100	1.6	B7	P
4T1SP	041 231 500	A1	4	3	250	150	12	8	100	100	7	B7	P
4T130	643 210 000		3.5		100						B5	T	
4H03	642 300 000		4	80	0.04	1.1	80			1.1	B4	T	
4H03N	642 300 000		4	200	0.4	1.1	100			1.0	B4	T	
4H03N	642 300 000		4	150	1.5	3.5	100			3	B5	T	
4H04	642 310 000		4	200	2	0.7	100				B5	T	
4H120	642 310 000		4	200	2	0.7	100				B5	T	
4N200	642 310 000		4	150	3.3	3	100			3	B5	T	
4X150A	512 141 314	A1	6.3	30	250	200	32	4.0	100	7	B7	P	
4ZP	642 300 000		4	28.5	250	48	5	150	150	150	B8	P	
4Z60A	023 080 090		4	30	30	30	30	REC	REC	15mA	B8	RR	
5A6	601 225 413		2.5	15	150	150	20	20	100	100	2.5	A08	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	G1	6.3	2	250	100	1.8	2	100	100	2	UX6	P
5A/150A	265 113 000	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	100	5	B8G	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/159E	412 361 900		6.3	2	250	250	10	7.5	100	100	5	B7G	P
5A/159E	412 361 900		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/161K	141 236 115		6.3	1.5	200	150	13	16.3	No Data Available	B9A	P		
5A/170K	102 513 410		6	5	200	150	20	2.7	100	100	2.5	B8D	P
5A/180M	412 365 400	A1	6.3		200	150	26	32	No Data Available	B8G	P		
5A/180Z	412 361 500		6.3	2	250	250	10	7.6	100	100	5	B7G	P
5A/181	145 236 181		5	1.7	200	150	11.5	7.0	100	150	7.0	B9A	DP
5A/18	641 237 541		5	6	200	150	13	3.3	100	60	3	B9A	TP
5A/18	412 365 400		5	12.5	250	250	45.0	4.1	100	150	4.0	B7G	P
5A/18	*30 809 020		5						REC	30mA	A08	RR	
5A/18	030 908 020		5						REC	30mA	A08	RR	
5A/18	020 908 030		5						REC	40mA	A08	RR	
5A/18	451 238 116		5.0	2.2	200	150	9.5	6.2	100	150	6.0	B9A	DP
5A/18	070 809 020		5	1	100	8.5	5.8	100	60	5	A08	R	
5A/18	461 237 514		5	1.8	250	150	7.7	4.6	100	150	4	B9A	TP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE	
				Neg. Grid Volts	Anode Screen Volts	Ib mA	mA/V	Screen Volts	Anode Volts	BASE			
										mA/V	mA/V		
4B26	412 366 100		4.2	2	100	11	7	100	5	B7G	H		
4B18	645 237 114		4.5	2	200	175	10	6.2	100	100	5	B9A	TP
4B14	142 361 400		4	2.2	150	9	7	100	7	B7G	T		
4B16	142 354 600		4.2	1	60	60	0.5	1.0	80	60	1.0	B7G	P
4B27A	741 236 410		4	2	150	9	6.4	100	6	B9A	TT		
4B28	641 237 410		4.2	4.4	150	100	7.2	100	7	B9A	TT		
4B21	157 231 461		4.2	1	150	100	4	3.5	150	100	3.5	B9A	FP
4B28	641 237 410		4.2	1	150	100	12	8	100	100	8	B7G	P
4B26	412 365 100		4.2	2.2	150	10	6.8	100	8	B4G	TT		
4B27	741 236 410		4.2	2	150	10	6.8	100	8	B4G	TT		
4B28	641 237 410		4.2	2	150	10	8	125	8	B9A	TT		
4B21	741 236 410		4	2.2	150	100	6.8	100	6	B9A	TT		
4C11	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	642 300 000		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	T		
4C101	023 004 060		4	45	250	60	6	100	60	FR	T		
4C102	642 300 000		4	45	250	40	2	No Data Available	B4	T	T		
4C103	642 300 000		4	35	250	45	3.5	No Data Available	B4	T	T		
4C106	412 365 100		4.2	1	150	125	11	8	125	125	8	B7G	P
4C25	412 365 100		4.2	1	150	125	11	8	125	125	8	B7G	P
4C26	412 365 100		4.2	2	200	150	10.5	6.2	100	100	100	B7G	P
4C28	501 236 014		4.5	2	250	150	3	2	100	100	100	B9A	P
4C28	641 234 146		3.6	1.5	200	12	14	No Data Available	B9A	T	T		
4C36	412 365 100		4	1	100	30	1	No Data Available	B7G	P	P		
4C37	641 237 410		4.2	10	150	100	6.4	150	100	9.5	B7G	P	
4C35	412 365 100		4.2	1	150	80	10	8	125	75	8	B7G	T
4D1	000 231 600	G1	13	3	250	100	2	1	100	4	B7	T	
4D80	642 310 000		4	3	100	2	1	100	1	B5	T		
4E26	412 365 100		4.2	1.1	150	125	15.5	8	100	100	100	B7G	P
4E27	412 365 100		4.2	0.9	150	125	12	9.7	100	100	9.5	B7G	P
4D1A	414 234 464		4	1.2	150	12	14	No Data Available	B9A	T	TT		
4D16	412 365 100		4.2	1.2	150	12	9	150	100	2	B7G	P	
4D16A	412 365 100		4.2	1.2	150	12	9	150	100	2	B7G	P	
4E2	023 189 560	G1	4	14	250	275	72	100	100	100	85C	DDP	
4E4	023 110 560	G1	4	6	250	250	36	2.1	100	100	85C	P	
4E104	023 110 560		4	5	250	250	36	9	100	100	85C	P	
4E17	141 230 651		4.4	3	200	100	12	12.5	100	100	FR	P	
4E77	141 230 651		4.4	2.5	200	100	10	10.5	100	100	FR	P	
4E77	142 360 100		4.2	1.2	200	10	15	No Data Available	B9A	P	P		
4E58	741 236 410		4	1.2	90	15	12.5	No Data Available	B9A	T	T		
4E76	412 365 100		4.2	0.8	150	125	11	14	No Data Available	B7G	T		
4E77	146 234 417		3.8	1.2	90	15	12.3	80			B9A	T	
4F87	141 234 675		4.6	3	100	14	5.5	100	60		B9A	TP	
4G30	892 300 000		4	1.2	200	150	15	1.2	100	100			

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

10J7R	146 231 457		10.5	125	150	15	10.4	100	60			B9A TP
10KR8	146 231 457		10.5	200	100	15	10.4	100	100			B9A TP
10L1	641 231 457		19	100	100	19.5	20.0	100	100			No Data Available B9A TP
10L14	641 231 410		26	2.1	250	10	5.8	100	8			B7G T
10LD3	264 098 130		14	1.1	150	0.6	1.95	150	1.9			B9A BDT
10LD11	264 098 130		15	5.9	250	5	2.3	100	3			B9A BDT
10LD12	791 238 146		28	2.3	200	1	1.4	100	1.4			B9A BDT
10LD13	641 238 09*		13	4.4	150	0.5	1.4	100	1.4			B9A BDT
10P13	260 054 130		40	6	150	30	7.5	100	6			B9A P
10P14	026 540 310		40	9.4	200	175	40	7.2	100	150		A08 P
10P18	*41 23* 6*5		45	12.5	200	175	70	10	100	100		9 B9A P
10PE12	414 237 516		50	16	200	35	6.4	100	100	60		2.5 B9A TP
11	362 400 000		1.1	4.5	90	2.5	0.4	80	0.4			UK4 T
11A1	*14 234 *6		6.3	2	250	100	12					B9A T
11A2	908 231 600		4	2	200	3	2.8	100	2.8			B7 BDT
11A6	264 147 300		10	1	100		3.1	100	3.1			A08 TT
11A5	026 040 310		10	1	100		2	100	2			A08 T
11CT7	742 364 110		11	3	250	1.2	1.3	100				B9A TT
11D3	908 231 600		13	2	250	3.4	100					1.1 B7 BDT
11D5	908 231 600		13	3	250	3.8	1.5	150	1.5			1.5 B7 BDT
11E1	216 540 030		6	250	250	50	7.3	100	100	7		M08 P
11E2	020 540 310		6	16.5	150	20	9	100	150	8		A08 P
11E8	200 647 310		11	3	250	1.2	1.3	100				A08 TT
11E13	414 226 573		6.3	40	300	74		No Data Available	B9A TP			B9A TP
11E6	026 540 310		10	1	100	150	2.5	100	150	2.5		A08 P
11J7	026 500 310		10	1	250	100	4.5	100	1.2			A08 P
11JE8	146 231 457		10	2	200	175	22	12	100	100		B9A TP
11K7	026 500 310		10	1	250	100	1.4	250	100	1.4		A08 P
11L7	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
11S5	028 090 310		11	4.5	90		0.42	80				15mA A08 RR
12	364 200 000		1.1	4.5	90		0.42	80				0.4 UK4 T
12A	264 300 000		5	4.5	90		1.5	80				1.5 UK4 T
12A4	142 330 406		6	9	250	23	0.8	250	0.8			B9A T
12A5	265 413 200		6	15	100	17	1.7	100	90	1.7		UK7 P
12A6	026 540 310		12.5	12.5	250	250	2	100	150	3		A08 P
12A7	265 181 300		12.5	12.5	150	150	9	100	100	100		15mA B9A RR
12A8	026 543 310		12.5	3	250	100	1.15	100	1.1			B7 RP
12A85	504 234 156		12	12.5	250	45	4.1	250	200	4		A08 H
12A85	421 060 350		12	22.5	250	150	5.9	100	100	5.8		A08 P
12AC5	264 *54 130		12	3	200	125	2.3	100	2.3			B9A P
12AC6	412 365 100		12.6	12.6	0.5	0.7		No Data Available	B7G P			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			B7G P
12AD7	641 227 413		6	2	250	1.25	1.6	100				B9A TT
12AB6	412 389 600		12.6	12.6	0.7	1		No Data Available	B7G BDT			B7G BDT
12AE7	641 227 413		6.3	12.6	0.9	6.5		No Data Available	B9A TT			B9A TT
12AF3	*** 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 TT			B7G TT
12AG6	412 365 100		12.6	0.8	12	0.5	3	0.6	100	100		B9A TH
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	2.6	100	60	3.5		B9A TH
12AJ6	412 314 600		12.6	12	0.7	1.2	1.2	No Data Available	B7G TT			B7G TT
12AJ7	541 237 464		12	2.5	250	90	3	0.6	100	100		B9A TH
12AJ8	541 237 464		12	1.2	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	12	0.2	0.5	No Data Available	B9A TP		B9A TP
12AL9	412 365 400		12.5	0.8	12	2	8	1	100	150		4 B7G P
12AS5	142 345 600		12.5	12.3	250	35	5.6	100	5.6			B7G P
12AT6	412 389 600		12.5	8.3	250	100	3	1.2	100	1.2		B7G BDT
12AT7	741 226 413		6	2	250	10	5.5	200				B9A TT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			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	
59R	265 410 300		2.5	26	250	250	26	6	100	150	2.5	UX7 P	
60	200 300 000	D1/D2	4	26	250	250	120	30	REC	30mA	UX4 RR		
60/250	892 300 000		6	30	250	250	30	30	REC	15mA	B4 RR		
60E3	002 380 100		40	60	250	250	60	60	REC	20mA	B7G R		
60X5	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	264 068 130		6	3	250	250	1	2.3	150	1.3	B8A DDT		
62TH	276 454 130		6	2	100	100	5	2.2	100	60	2.6	B8A TH	
62TP	276 454 130		6	2	150	100	8	2	100	100	3.5	B8A TH	
63TP	261 154 310		6	2.5	250	100	6	2.2	100	100	2	B8A P	
63SPT	236 101 403		6	2	250	250	10	6.5	100	150	6	B9G P	
63TI	641 237 154		6	2.3	100	100	4	1.4	100	60	1.4	B9A TP	
63TP	641 237 154		6.3	8	200	200	17.5	3.3	100	150	3	B9A TP	
64	260 101 300	G1	6.3	2.3	100	100	4	1.9	100	60	1.4	B9A TP	
64	265 130 000		6	3	200	90	3.1	1	100	100	3	B7G P	
64A	260 101 300	G1	6.3	3	200	90	3.1	1	100	90	1.05	UX5 P	
65	265 130 000	G1	6	3	200	90	4.5	1	100	90	1	UX5 P	
66NU	280 009 130		6	3	200	90	36	3	REC	15mA	B8A RR		
67	264 130 000		6	9	150	200	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	1.5	UX5 P	
69	264 413 000		6	3	200	200	4.5	1.4	150	1.5	UX5 T		
70	264 413 000		6	6	200	200	2.3	0.5	150	0.5	UX6 T		
70A7	126 548 310		70	7.5	150	100	40	5.8	100	90	5.8	A08 RP	
70L7	126 541 360		70	7.5	125	100	40	7.5	100	90	20mA	A08 RP	
71	264 300 000		5	40	200	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	200	20	1.7	100	1.7	UX4 T		
75	030 000 300	A1/G1	6	60	400	200	82	0.9	1.1	No Data Available	A08 T		
75	269 813 000	G1	6	13.5	250	100	5	1.4	100	1.4	UX5 T		
76	264 130 000	G1	6	3	250	100	2.3	1.25	100	100	1.2	UX6 P	
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	250	250	10.6	60	REC	20mA	UX4 RR		
80	288 300 000		5	60	288 300 000	288 300 000	60	60	REC	20mA	UX4 RR		
80A	298 300 000		5	60	298 300 000	298 300 000	60	60	REC	20mA	UX4 RR		
80BK	380 200 000		5	60	380 200 000	380 200 000	60	60	REC	15mA	UX4 R		
80M	289 300 000		5	60	289 300 000	289 300 000	60	60	REC	20mA	UX4 RR		
80S	289 300 000		5	60	289 300 000	289 300 000	60	60	REC	20mA	UX4 RR		
81	280 300 000		7.5	60	280 300 000	280 300 000	60	60	REC	20mA	UX4 R		
81H	280 300 000		7.5	60	280 300 000	280 300 000	60	60	REC	20mA	UX4 R		
82	289 300 000		2.5	60	289 300 000	289 300 000	60	60	REC	20mA	UX4 RR		
82V	289 300 000		2.5	60	289 300 000	289 300 000	60	60	REC	20mA	UX4 RR		
83	289 300 000		5	120	289 300 000	289 300 000	120	120	REC	20mA	UX4 RR		
83V	289 300 000		5	60	289 300 000	289 300 000	60	60	REC	60mA	UX4 RR		
84	289 300 000		6	20	250	300	30	8	1.1	100	1.1	UX6 DDT	
85	268 913 000	G1	6	10.5	250	250	3.7	0.7	125	1.1	UX6 DDT		
85AS	268 913 000	G1	6	10.5	250	250	3.7	0.7	125	1.1	UX6 DDT		
85S	268 913 000	G1	6	10.5	250	250	3.7	0.7	125	1.1	UX6 DDT		
88	289 300 000		5	10	100	100	9.5	1.2	100	20mA	UX4 RR		
89	265 113 000	G1	2.5	12.5	200	40	7.5	100	90	1.2	UX6 P		
90AC	642 310 000		4	12.5	200	40	7.5	100	90	1.4	UX6 P		
92	264 413 000		6	250	250	300	42	2.3	100	150	2.3	UX6 P	
95	265 413 000		10	20	350	300	120	30mA	UX4 R	15mA	UX4 R		
96	281 300 000		6	30	281 300 000	281 300 000	30	30	REC	15mA	UX5 RR		
98	289 130 000		3.3	4.4	90	2.5	0.4	100	0.4	UX4 T			
99V	426 300 000		3.3	4.4	90	2.5	0.4	100	0.4	UX4 T			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140						DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
99X	264 300 000		3-3	4.5	90	200	2.5	0.4	100	100	0.4	UX4 T	
100AC	642 310 000		4	6	200	200	5	2	100	100	2	B5 T	
100V	642 310 000		4	1	100	100	15	3.5	100	100	3.5	B5 T	
100/200LLID	346 547 220		1.4	9.4	150	125	4	1.5	100	100	1.5	A08 P	
112A	364 200 000		5	4.5	90	5	1.5	80	REC	20mA	UX4 T		
114	020 000 300	A1/G1	1.4	4	200	15	12	1.1	100	100	1.1	A08 T	
114B	020 000 300	A1/G1	1.4	4	200	100	7	1.1	100	100	6	B7 P	
116Pen	541 231 600	G1	11.5	2	250	150	5	2.2	100	100	2	B9A DDP	
117DDP	541 231 600		117	5.2	100	100	43	5.3	100	90	5.3	A08 RP	
117L7	126 458 310		117	5.2	100	100	43	5.3	100	90	5.3	A08 RP	
117W7	126 458 310		117	5.2	100	100	43	5.3	100	90	5.3	A08 RP	
117Z3	402 381 000		117	60	200	200	60	60	REC	20mA	A08 R		
117Z4	020 080 310		117	60	200	200	60	60	REC	20mA	A08 R		
117Z6	020 180 310		117	60	200	200	60	60	REC	20mA	A08 R		
120	642 310 000		2	12	150	12	12	150	100	100	B5 T		
120TRA	041 230 500	A1	1	150	60	2.9	1.1	150	60	1.1	B7 P		
120V7	56* 454 130		12.5	1.4	200	150	7.2	2.3	100	150	2.3	B8A P	
124AC	542 310 000	A1	14	1.5	200	60	1.6	0.9	100	60	0.9	B5 P	
141DDT	264 089 130		14	2	250	100	5	1.6	100	60	2.8	B8A DDT	
141TH	276 454 130		14	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		14	8	200	200	6	1.4	100	100	1.4	B5 T	
145V	642 310 000		14	6	200	9	2	100	100	2	B5 T		
163Pen	041 231 600		16	10.4	200	175	53	9.5	No Data Available	B9A P			
164V	642 310 000		16	9	200	12	3.4	100	100	3.4	B5 T		
171DDP	541 231 600		17	2	200	125	5	2.2	100	100	2	B9A DDP	
181	264 300 000		3	30	200	16	1	100	100	1	UX4 T		
182	264 300 000		5	45	200	18	1.5	100	100	1.5	UX4 T		
182A	264 300 000		5	45	200	18	1.5	100	100	1.5	UX4 T		
182B	264 300 000		5	35	250	18	1.5	100	100	1.5	UX4 T		
183	264 300 000		5	60	250	30	1.7	100	100	1.7	UX4 T		
183BT	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	A08 P	
183PTA	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	A08 P	
200A	264 300 000		5	60	200	200	1.5	0.7	No Data Available	B4 DDT			
202VPT	809 231 600	G1	20	3	200	100	3	2.4	150	100	2.4	B7 DDT	
202RFG	545 231 600	G1	20	1.5	200	100	3	2.4	150	100	2.4	B7 H	
202SFB	061 231 600	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	1.5	100	60	60	60	B7 TH	
202VPT	041 231 500	G1	20	1.5	250	100	4.3	2.2	100	100	2.2	B7 P	
202VPT	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	2.2	100	100	2.2	B7 H	
205D	264 300 000		3.5	29	400	30	30	1.8	100	100	1.8	UX4 T	
205E	264 300 000		4.5	22.5	350	29	1.9	100	100	1.9	UX4 T		
205F	264 300 000		4.5	18	300	31	1.7	100	100	1.7	UX4 T		
210DDT	682 390 000	G1	2	1	100	2.3	1.1	100	100	1.1	B5 DDT		
210DET	642 300 000		2	4.5	150	3	1.1	100	100	1.1	B4 T		
210DPT	041 230 500	A1	2	1	150	60	2.9	1.3	150	60	1.3	B7 P	
210HF	642 300 000		2	3	150	1.6	1.5	100	100	1.5	B4 T		
210HL	642 300 000		2	3	150	1.6	1.1	100	100	1.1	B4 T		
210HPT	642 350 000												

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mV/V	BASE	DATA FOR AVO VALVE TESTER		
												mA/V	Screen Volts	
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	100	11	2.2	100	100	2.2	B4	T	
220PA	642 300 000		2	9	150	100	10	4	100	100	4	B4	T	
220PT	642 350 000		2	1.5	150	100	15	2.5	100	100	2.5	B5	P	
220SG	542 300 000		2	1	150	60	1.5	1.6	100	60	1.6	B4	P	
220SU	645 230 700		2	3	100	60	1.7	1.2	100	60	1.2	BT	TH	
230	542 300 000		2	1	100	60	0.6	0.6	125	60	0.6	B4	P	
230P	542 300 000		2	1.5	150	60	2	1.6	100	60	1.6	B4	P	
230PA	642 300 000		2	1.5	150	60	2	1.5	100	60	1.5	B4	P	
230PT	642 300 000		2	20	150	15	3	2.6	100	15	2.6	B4	P	
230SU	642 300 000		2	20	150	15	3	2.6	100	15	2.6	B4	P	
240	200 300 000		2	15	150	14	30	100	100	100	100	100	100	100
240P	642 300 000		2	15	150	14	2	100	100	2	B5	P		
240PA	642 300 000		2	18	150	22	3	100	100	3	B4	P		
240PT	642 300 000		2	3	150	20	2.1	8.4	100	20	8.4	B4	P	
240SU	446 230 700		2	1	150	15	8.5	100	100	0.5	UX4	T		
240T	446 230 700		2	12	150	150	6	5	100	100	2.5	BT	PP	
240TP	446 230 700		2	6	150	150	5	1	100	100	1	UX5	T	
240TPT	642 310 000		4	5.5	200	5	2.8	100	100	2.8	B5	T		
240SU	265 130 000		2	1.5	150	50	4.8	0.6	100	60	0.6	UX5	P	
240SU	365 200 000		3, 3, 3	1.5	150	40	1.5	0.4	No Data Available	UX4	P			
247A	206 040 030		2	4.5	150	125	3.2	0.9	100	100	0.9	A08	T	
248A	026 510 310		6, 3	1.5	150	125	5.5	1.8	100	100	1.8	A08	T	
249B	223 300 000		2, 5	50	400	60	3.4	UX4	R	3.4	UX4	R		
252A	264 300 000		2	3	150	0.8	0.6	100	100	0.5	UX6	DDT		
257	264 300 000		5	21.5	150	100	20	1.3	100	90	1.3	UX5	P	
257A	264 300 000		5	3	90	20	2.1	0.5	80	0.5	UX4	T		
259A	265 130 000		5	1.5	200	75	1.4	100	75	1.4	UX5	P		
259B	265 130 000		5	1.2	200	75	1.4	100	75	1.4	UX5	P		
262B	261 300 000		5	4.5	150	2.8	0.9	100	100	0.9	UX4	T		
264	264 300 000		1, 1	9	150	0.6	0.6	100	100	0.6	UX4	T		
264C	264 300 000		1, 5	8	100	2.1	0.6	100	100	0.6	UX4	T		
264E	264 300 000		1, 4	8	100	2.1	0.6	100	100	0.6	UX4	T		
271A	264 130 000		5	30	400	37.5	2.9	100	100	2.9	UX5	T		
272A	264 130 000		10	15	150	5.4	0.7	100	100	0.7	UX5	T		
274A	289 300 000		5	60	200	14.5	1	100	100	1	UX6	P		
274B	289 300 000		5	97	400	80	200	14.5	1	100	100	1	UX6	P
275A	264 300 000		5	4.5	200	47	2.7	100	100	2.7	UX4	R		
281A	264 300 000		5	60	150	75	35	1.5	No Data Available	UX5	P			
283A	265 130 000		2	1.5	200	75	5.9	1.3	100	75	1.3	UX5	P	
285	265 130 000		2	12	200	150	8.8	0.9	100	100	0.9	UX5	P	
286A	265 113 000		2	1.5	200	75	6.2	1.2	100	75	1.2	UX6	P	
290A	265 113 000		2	1.5	200	75	5.4	1.2	100	75	1.2	UX6	P	
291A	275 641 300		2	2	200	75	4.5	100	60	60	BT	H		
292A	268 913 000		10	6	150	2.1	0.6	100	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	No Data Available	UX4	T		
300B	364 200 000		5	97	400	80	No Data Available	UX4	T	No Data Available	UX4	T		
302	645 231 700		30	2	100	100	1.5	100	60	60	BT	TH		
303A	268 943 000		2	6	150	2	0.6	100	100	0.6	UX6	DDT		
304AC	542 310 000		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		10	3	150	5.5	1.8	100	100	1.8	UX6	P		
310B	265 113 000		10	3	150	5.5	1.8	100	100	1.8	UX6	P		
311A	265 130 000		10	15	150	30	2.8	100	100	2.8	UX5	P		
311SU	288***130		31	8.5	200	200	45	6	100	100	7	A08	P	
324A	200 300 000		10	14	250	250	30	4.2	100	100	4.2	UX6	P	
328A	265 113 000		10	3	150	150	6.3	1.6	100	100	1.6	UX6	P	
329A	265 130 000		10	15	150	37.5	3.3	100	100	3	UX5	P		
329L	265 130 000		10	15	150	37.5	3.3	100	100	3	UX5	P		
332Pen	026 540 310		33	8.5	200	200	45	6	100	100	7	A08	P	
336A	265 413 000		10	14	250	250	30	4.2	100	100	4.2	UX6	P	
337A	265 113 000		10	3	150	150	6.3	1.6	100	100	1.6	UX6	P	
345A	289 130 000		6	6	150	150	60	100	100	200	UX5	RR		
347A	020 600 310		6	4.5	150	150	2.8	0.9	100	100	0.9	A08	T	
349A	026 540 310		6	14	250	250	30	4.2	100	150	4.2	A08	P	

VALVE	SELECTOR SWITCHING No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mV/V	BASE	DATA FOR AVO VALVE TESTER		
												mA/V	Screen Volts	
350B	026 540 310		6	20	400	250	85	6.2	No Data Available	A08	P			
351A	028 090 910		1	6	100	2.1	0.6	100	100	0.6	UX6	DDT		
352A	268 913 000		10	4	4.5	250	6.5	3.6	No Data Available	UX5	P			
354V	642 310 000		1, 4	4	5	40	0.4	0.6	No Data Available	UX5	P			
361A	243 560 000		1, 4	20	400	250	85	6.2	No Data Available	UX5	P			
362A	060 324 310		6	20	400	250	85	6.2	No Data Available	A08	P			
367A	021 453 360		2	150	150	2	1.3	100	100	1.3	A08	P		
373A	021 453 360		3	150	125	18	3	125	3	125	3	A08	P	
374A	021 453 360		3	150	125	18	3	125	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	150	150	5	2.8	100	100	2.8	A08	D		
383A	120 406 030		6	150	150	7.5	2.5	100	100	2.5	A08	P		
385A	125 040 130		6	150	150	5.6	4	100	100	3.8	A08	P		
387A	125 040 130		6	150	150	5.6	4	100	100	3.8	A08	P		
396A	214 607 413		6, 3	2.2	150	8.2	5.5	100	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	100	1	UX4	T		
402-T	005 231 600		40	12	250	250	32	7	100	150	7	BT	P	
402P	005 231 600		40	15	200	27	5.5	100	100	7.5	BT	P		
402Pen	005 231 600		40	6.7	200	200	40	7	100	100	7	BT	P	
402PenA	005 231 600		40	8	150	150	56	8	100	100	8	BT	P	
403A	413 265 100		6	2.3	200	125	7.7	5.1	100	100	4	BT0	P	
403B	413 265 100		6	2.3	200	125	7.7	5.1	100	100	4	BT0	P	
404A	413 265 100		6	2.3	200	125	7.7	5.1	100	100	4	BT0	P	
405BU	892 300 000		4	150	150	15	12.5	100	100	100	100	100	100	100
406	642 300 000		4	150	150	15	12.5	100	100	100	100	100	100	100
407A	413 265 100		20	2	150	125	7.5	5	100	125	5	BT0	RR	
408A	214 607 413		20	2	150	125	7.5	5	100	125	5	BT0	RR	
408BU	892 300 000		4	150	150	15	12.5	100	100	100	100	100	100	100
409A	410 065 100		6, 3	1	200	100	4.5	0.9	100	100	0.9	B4	RR	
410EP	642 300 000		4	2.5	200	0.2	0.2	100	100	0.2	B4	T		
410P	642 300 000		4	16	250	12	1.8	100	150	2.5	B5	P		
410PT	462 350 000		4	1	100	150	0.2	2.2	100	150	2.2	B4	T	
410PG	642 300 000		4	2.5	200	0.2	0.2	100	100	0.2	B4	T		
410SG	542 300 000		4	1	200	100	4.5	0.9	100	100	0.9	B4	P	
410SGA	542 300 000		4	1	200	100	4.5	0.9	100	100	0.9	B4	P	
412BU	892 300 000		4	150	150	15	12.5	100	100	100	100	100	100	100
412SU	802 300 000		4	25	300	200	20	1.7	100	150	1.7	B5	P	
415PT	642 350 000		4	25	300	200	20	1.8	100	150	1.8	B5	P	
415PT	642 350 000		4	18	150	11	1.6	100	100					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE	
506K	892 300 000		2		30				REC	15mA B4	RR	
506NB	892 300 000		4		30				REC	15mA B4	RR	
507AX	895 436 200		2		40	0.9	0.5		No Data Available	B7G P	RR	
509	892 300 000		2		60				REC	20mA B4	RR	
509AX	892 300 000		2	0.6	40				No Data Available	B5A T	RR	
511D	892 300 000		4		60				REC	20mA B4	RR	
512AX	653 420 000		0.6	0.6	20	0.1	0.1		No Data Available	B5A P	RR	
515DX	653 420 000		0.6	0.6	40	0.1	0.1		No Data Available	B5A T	RR	
518AX	653 420 000		1.2	2	40	0.8	0.5		No Data Available	B5A P	RR	
520AX	653 420 000		0.6	2.5	40	0.2	0.1		No Data Available	B5A P	RR	
521AX	653 420 000		1.2	3	20	0.8	0.4		No Data Available	B5A P	RR	
522AX	653 420 000		1.2	0	20	0.3	0.4		No Data Available	B5A P	RR	
523AX	653 420 000		1.2	1.2	20	0.3	0.3		No Data Available	B5A P	RR	
524AX	653 420 000		1.2	1.7	12	0.4	0.3		No Data Available	B5A P	RR	
525AX	653 420 000		1.2	1.2	20	0.2	0.3		No Data Available	B5A P	RR	
526AX	653 420 000		1.2	1.5	20	0.4	0.4		No Data Available	B5A P	RR	
527AX	653 420 000		1.2	0	20	0.1	0.2		No Data Available	B5A P	RR	
528AX	653 420 000		1.2	0	20	0.3	0.4		No Data Available	B5A P	RR	
529AX	653 420 000		1.2	1.2	12	0.5	0.3		No Data Available	B5A P	RR	
531DX	653 420 000		1.2	1.5	12	0.3	0.3		No Data Available	B5A P	RR	
532DX	653 420 000		1.2	0	20	0.4	0.4		No Data Available	B5A P	RR	
533DX	653 420 000		1.2	0	20	0.3	0.4		No Data Available	B5A P	RR	
536AX	653 420 000		1.2	0	20	0.3	0.4		No Data Available	B5A P	RR	
537AX	653 420 000		1.2	1.5	20	0.4	0.4		No Data Available	B5A P	RR	
538A	741 226 413		6		250	10	5.5	200		B9A TT	RR	
539DX	653 420 000		1.2	1.4	20	0.2	0.3		No Data Available	B5A P	RR	
542A	662 304 100		1.2	0	30	0.2	0.4		No Data Available	B5A P	RR	
542DX	653 420 000		1.2	2	250	10	5.5	200		B9A TT	RR	
542	653 420 000		1.2	2	20	0.4	0.3		No Data Available	B5A P	RR	
542	653 420 000		1.2	2	20	0.4	0.3		No Data Available	B5A P	RR	
543A	402 013 060		6	2.5	200	9.5	3.8	100		B8D T	RR	
543B	402 013 060		6	2.5	200	9.5	3.8	100		B8D T	RR	
544A	602 364 100		6	8.5	250	10.5	2.2	100		B7G T	RR	
544DX	602 364 100		6	8.5	250	10.5	2.2	100		B7G T	RR	
546A	802 309 100		6		30	0.1	0.3		No Data Available	B5A P	RR	
546DX	802 309 100		6		30	0.1	0.3		No Data Available	B5A P	RR	
546DX	653 420 000		1.2	0	20	0.3	0.4		No Data Available	B5A P	RR	
547A	120 415 360		6	3	300	150	11	100		A08 P	RR	
547DX	653 420 000		1.2	0	40	0.2	0.4		No Data Available	B5A P	RR	
548A	762 344 100		6	0.8	100	8.5	5.3	100		5.3 B7G TT	RR	
548DX	653 420 000		1.2	1.4	20	0.2	0.3		No Data Available	B5A P	RR	
549A	192 310 800		6		2	80			D	B7G DD	RR	
550A	471 461 230		6	2	250	2.3	1.6	150		1.6 A08 TT	RR	
553AXA	652 430 000		1.2	0	20	0.4	0.5		No Data Available	B5A P	RR	
559	021 010 030		1.2	0	5				D	A08 R	RR	
569AX	652 430 000		1.2	0	60	60	1.8	1.1		No Data Available	B5A P	RR
573AX	624 300 000		1.2	4	90	11	2	80		2 B5A T	RR	
574AX	653 420 000		0.6	0.6	20	0.1	0.1		No Data Available	B5A P	RR	
578	8*1 230 146		4,7	6	150	19	1.4	100		1.3 B9A BDDT	RR	
605	642 300 000		6,3	2	150	5			REC	15mA B4	RR	
608DX	623 410 000		6	4	150	5			REC	15mA B4	RR	
612BU	892 300 000		6	4	150	4	1.4	100		1.4 B4 T	RR	
615	642 300 000		6,3	2	250	4	4	100		4 B4 T	RR	
619DX	623 410 000		6	99	400	62	2.3	100		2.3 B5A T	RR	
620T	026 040 310		6	20	350	20	2.0	100		2.0 A08 T	RR	
635KTX	642 300 000		6	100	400	120	2.3	100		2.3 B4 T	RR	
660T	642 300 000		6	1	100	3.5	1	100		7.5 B4 T	RR	
680KTX	642 300 000		6	100	400	3.5	1	100		1.1 B4 T	RR	
713A	021 415 350		6	2	150	125	7.5	4		4 A08 P	RR	
717A	021 415 360		6	2	150	125	7.5	4		4 A08 P	RR	
731A	412 365 100		6	2.3	150	150	7	4.3		100 4 B7G P	RR	
801	364 200 000		7.5	15	400	60	2.5	100		100 4 B7G P	RR	
802	205 411 300		6	18	400	250	30	2.2		100 150 2 UX7 P	RR	
805	642 300 000		6	6	150	10	1.4	100		1.4 B4 T	RR	
807	254 150 000		6	12.5	400	250	83	6.5		100 150 6 UX5 P	RR	
816	200 300 000		2,5		150				REC	30mA UX4 R	RR	
825	642 300 000		6		150	6	1.4	150		1.4 B4 T	RR	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	BASE	
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 PP	RR
825C	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825D	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825E	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825F	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825G	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825H	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825I	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825J	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825K	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825L	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825M	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825N	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825O	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825P	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825Q	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825R	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825S	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825T	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825U	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825V	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825W	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825X	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825Y	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
825Z	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826A	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826B	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826C	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826D	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826E	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826F	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826G	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826H	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826I	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826J	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826K	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826L	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826M	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826N	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826O	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826P	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826Q	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826R	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826S	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826T	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826U	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826V	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826W	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826X	245 134 200		6,3		150	125	30	3.5		100 150 3.5 B7A PP	RR	
826Y	245 134 200		6,3		150							

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Screen Volts	Anode Volts	Screen mA	Anode mA	Screen mA	Base mA	
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	P			
3074A	204 140 300	A1/A2	6	300	300	50	3	3	No Data Available	UX7	TT			
3075A	002 300 000	D1	2	230	150	5.6	2	2	100	100	UX6 P			
3310A	265 113 000		10	200	150	33	3	3	100	100	UX6 P			
3311A	265 113 000		7.5	250	150	5.6	1.9	1.9	100	100	UX6 P			
3328A	265 113 000	G1	7.5	200	125	31	2.9	2.9	100	100	UX6 P			
3329A	026 510 310	G1	6	13.5	150	150	5.5	1.8	100	1.8	A08 P			
3481	364 200 000		5	1.5	200	0.2	0.2	0.2	150	0.2	UX4 T			
3720	364 200 000		30	19	100	100	3.2	3.8	100	90	3.8	UX6 P		
3871	364 200 000		2	9	150	52	1.0	1.0	100	75	0.16	UX4 P		
3872	364 200 000		2	50	250	34	2.1	2.1	100	90	1	UX4 T		
3873	364 200 000	G1	2.5	3	200	90	4	1	100	90	1	UX4 T		
3921	265 130 000	G1	2.5	3	200	90	4	1	100	90	1	UX4 T		
3924	265 130 000		4	4	200	9.7	1.3	1.3	100	1.2	UX4 T			
4019A	264 300 000		4	4	100	7.5	1.2	1.2	100	1.2	UX4 T			
4019B	264 300 000		2	2	150	1.2	0.6	0.6	100	0.6	UX4 T			
4020A	264 300 000		2	2	150	1.2	0.6	0.6	100	0.6	UX4 T			
4020B	264 300 000		4	10	150	32.5	3	3	100	0.16	UX4 T			
4021A	264 300 000		4	8	150	23	3	3	100	3	B4 T			
4021B	642 300 000		4	8	200	16.2	2.2	2.2	100	2.0	UX4 T			
4022AR	364 300 000		4	6	200	16.2	2.2	2.2	100	2.0	UX4 T			
4022R	264 300 000		4	6	200	16.2	2.2	2.2	100	8	UX5 T			
4033	264 300 000		6	20	400	50	9	9	100	8	UX5 T			
4033A	264 300 000		6	20	400	50	9	9	100	8	UX5 T			
4033B	642 310 000		6	20	400	60	10	10	100	8	B5 T			
4037A	802 300 000		4	4	200	120			REC	30mA	B4 R			
4045A	642 350 000		5	70	250	60	43	1.3	No Data Available	B5	P			
4061A	204 411 300	A1	6	10	400	200	15	3	100	3	UX7 TT			
4074A	204 140 300	A1/A2	6	13	300	15	3	3	100	3	UX7 TT			
4077A	003 200 000	D1	5	1.5	100	120	6.3	6.3	100	6	UX4 T			
4269A	364 200 000		5	1.5	100	120	6.3	6.3	100	6	UX4 T			
4274A	289 300 000		5	90	400	200	5.2	5.2	100	100	2	UX6 T		
4300A	364 200 000		5	5	5	250	150	5.2	2	100	150	2	UX6 T	
4310A	265 113 000		6	13	300	15	3	3	100	3	UX7 TT			
4328A	265 113 000		6	13	300	15	3	3	100	3	UX7 TT			
4328B	026 510 310		6	7.5	5.5	250	150	5.2	2	100	100	2	A08 T	
4608	642 310 000		4	6	150	11	2.5	2.5	100	2.5	B5 T			
4610	542 310 000		4	6	150	11	2.5	2.5	100	2.5	B5 T			
4611	364 200 000		4	6	150	11	2.5	2.5	100	2.5	B5 T			
4611	364 200 000		4	6	150	11	2.5	2.5	100	2.5	B5 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	342 310 000		4	2	200	100	3	2.2	100	2.2	B5 P			
4619	892 300 000		4	63	300	300	70	60	REC	15mA	B4 RR			
4623	123 000 000		6,3	5					D	B3	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			
4654R	411 230 050		4	14	250	275	72	8.5	125	125	85C P			
4654P	411 230 050		4	14	250	275	72	8.5	125	125	85C P			
4655	023 180 090		6,3	5					REC	No Data Available	B5C RR			
4655	023 180 090		6,3	5					REC	No Data Available	B5C RR			
4652	892 300 000		4	1.5	200	1	2.2	2.00	REC	20mA	B4 RR			
4654	411 230 050	A1	6	14	250	275	72	8.5	No Data Available	85C P				
4654R	411 230 050	A1	6	12.5	250	275	72	8.5	No Data Available	85C P				
4654P	411 230 050	A1	6	14	250	275	72	8.5	No Data Available	85C P				
4655	023 180 090		4,5	4					REC	No Data Available	B5C RR			
4657	642 310 000		4	8.5	90	90	1	2.2	80	75	85C PP			
4670	432 564 570		2	3	200	100	4.5	2	100	100	5A4 P			
4671	264 310 000		6,3	5	90	90	1.2	1.1	100	100	1.1	5A4 P		
4672	513 100 000	A1/G1	6,3	2.5	250	200	8	5	100	150	5	B5 P		
4673	642 310 000	G1	4	4	250	200	8	5	100	150	5	B5C P		
4673	023 110 560	G1	4	4	250	200	8	5	100	150	5	B5C P		
4675	264 310 000		4	5	200	100	4.5	2	100	100	5A4 P			
4676	026 510 310	A1/G1	4	3	250	100	2	1.4	100	100	5A4 P			
4679	026 510 310	A1/G1	6	2.5	250	100	2	1.4	100	100	5A4 P			
4682	023 100 560	G1	4	4	375	250	24	8	100	150	85C P			
4683	023 004 060		4	350	43				100	100	85C T			
4684	023 104 560		4	400	250	24	4		100	150	85C T			
4688	023 104 560		4	400	275	48	4		100	150	85C P			
4689	026 540 310		6,3	400	275	48	4		No Data Available	85C P				
4689	023 104 560		6	400	275	48	4		100	150	85C P			
4694	023 104 560	A1/G1	6	7.5	400	250	24	8	100	150	85C P			
4695	251 310 000		6,3	3	250	100	6.7	1.7	100	100	5A4 P			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Neg. Grid Volts	Anode Screen Volts	Ia mA	mA/V	Screen Volts	Anode Volts	Screen mA	Anode mA	Base mA		
													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	150	150	3.8	UX5 P		
1611	026 540 310		6	16.5	250	250	34	2.5	100	100	2.5	A08 P		
1612	026 540 310		6	16.5	250	250	34	2.5	100	100	1.1	A08 H		
1613	026 540 310	G1	6	16.5	250	250	34	2.5	150	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	3	300	250	45	4.5	100	100	30mA	UX4 R		
1619	026 540 310		2-5	3	250	100	2	1.2	100	100	4.5	A08 P		
1620	026 540 310	G1	6	16.5	250	250	34	3.5	100	150	2.5	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	150	5.2	A08 P		
1624	209 401 300	A1	2.5	10	300	250	45	4.5	100	100	5.2	A08 P		
1625	026 540 310	A1	12.5	12.5	250	250	83	6.5	100	150	6	UX7 P		
1626	026 540 310		12.5	18	350	250	54	5.2	100	150	5.2	A08 P		
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	0	A08 P		
1633	471 461 230		25	8	250	11.5	2.6	100	2.6	100	2.6	A08 TT		
1634	074 461 230		12.5	2	250	2	1.3	150	1.3	150	1.3	A08 TT		
1635	027 446 310		6	0	300	3.5	0.9	100	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	5-5	250	5	2	100	D		A08 DD			
1639	026 890 310		6	5-5	250	5	2	100	D		A08 DD			
1641	200 300 000	D1/D2	5	120	120	120	39mA	UX4 RR	REC	39mA	UX4 RR			
1641/REGO	200 300 000	D1/D2	5	120	120	120	12mA	UX4 RR	REC	12mA	UX4 RR			
1642	216 471 300	G1	6	16.5	250	8.3	1.4	100	100	100	1.4	UX7 TT		
1644	414 732 360		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** 09* 300	D1	1-4	2	250	2	1.3	200	D		BTG D			
1655	074 461 230		6	2	250	2	1.3	200	D		BTG D			
1659	268 913 000	G1	2.5	2	250	0.9	1.1	150	1.1	150	1.1	UX6 DD		
1662	364 526 300		1-4	8-4	150	98	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 DD		
1701	892 300 000		4	1.8	150	150	15	15	100	100	15	UX4 RR		
1805	892 300 000		4	1.8	150	150	15	15	100	100	15	UX4 RR		
1807	892 300 000		4	4	30	30	30	30	REC	15mA	B4 RR			
1810	003 200 000	D1	4	4	30	30	30	30	REC	15mA	B4 RR			
1815	892 300 000		4	4	30	30	30	30	REC	15mA	B4 RR			
1817	892 300 000		4	4	30	30	30	30	REC	15mA	B4 RR			
1821	892 300 000		4	4										

VALVE	SELECTOR SWITCH No.	T.C.	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE		
			VI	Neg. Grid Volts	Anode Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V			
												BASE	
6057	741 226 413		6	2	250	1.2	1.6	1.6	150	D	1.6	B9A TT	
6058	192 310 800		6	3	250 100	1.2	1.2	1.0	100		1.2	B7G DD	
6059	041 230 651		6	2	250	3.0	5.0	2.00	100		1.0	B9A P	
6060	741 226 413		6	13	300 225 34	3.7	1.0	150	150		1.7	B9A TT	
6061	*41 230 651		6	6	7.5	250 250 45	7	100	150		7	B9A P	
6062	601 235 144		6	6	2	250 250 10	7.5	100	150		15mA	B7G RR	
6063	802 309 100		6	6	1.5	200 150 4	6.4	100	150		2	B7G P	
6064	412 361 500		6	6	2.5	250 250 8	2.5	100	100		2.5	B7G P	
6065	412 361 500		6	3	250	1.2	1.2	150			1.2	B7G DD	
6066	412 389 600		6	6	8.5	250 10.5	2.2	100			2.2	B9A TT	
6067	741 226 413		6	6.3	8	400 150 36	5.3	100	100		1.7	B9A TT	
6068	021 040 350		6	6	4	250	1.7				1.7	B9A TT	
6069	741 226 413		6	6	30	100					No Data Available	A08 TT	
6070	471 461 230		6	26.5	30	100	7	No Data Available	100		No Data Available	A08 TT	
6084	471 461 230		6	6	2	250 125	10	9	150	100		B9A TT	
6085	641 227 413		6	6	5.5	250 100	6.3	8.2	100	100		2	B9A TT
6086	741 226 413		6	18	1.8	200 100 8.3	8.2	100	100		8.3	B9A P	
6087	802 309 100		6	6	1.2	40	40	0.7	0.6		No Data Available	B5A P	
6088	653 420 000		6	1.2	6.5	60	60	2.9	0.7		No Data Available	B5A P	
6092	653 420 000		6	6	12.5	250 250 45	6	100	150		6	B9A P	
6094	452 634 516		6	6	12.5	250 250 45	6	100	150		6	B9A P	
6095	412 365 400		6	6	2	150 125 7.5	5	125	125		5	B7G P	
6096	412 365 100		6	6	2	150 125 7.5	5	125	125		5	B7G P	
6097	192 310 800		6	6	22.5	250 250 77	5.4	100	100			B7G DD	
6098	106 052 430		6	6	3	150	5	4.5	100		5.8	A08 P	
6099	672 344 100		6	6	0.8	100	8.5	5.3	100		5.8	B7G TT	
6100	602 364 100		6	6	8.5	250	10.5	2.2	100		3	B7G TT	
6101	762 344 100		6	6	2	150	9	5.5	100		3	B7G TT	
6106	020 809 050		5	5	60	60	60	60	60		20mA	A08 RR	
6110	812 093 100		6	6	1.2	40	40	0.7	0.6		No Data Available	B5A P	
6111	642 113 470		6	6	1.9	100	8.5	5	100		5	B9B RR	
6112	642 113 470		6	6	1.4	150	1.7	2.5	100		0.8	A08 TT	
6113	641 471 230		6	6	3	250	1.0	1.2	150		1.6	A08 TT	
6118	026 890 310		6	6	3	250	10.5	2.2	150		1.3	A08 DDT	
6125	8*2 384 100		6	6	8.5	250	10.5	2.2	150		2.2	B7G T	
6132	*41 230 651		6	6	4.5	250 250 40	11	100	150		9	B9A P	
6134	021 041 360		6	6	2	300 150	10	9	100		150	A08 P	
6135	6*2 364 100		6	6	8.5	250 10.5	2.2	100	150		2.2	B7G T	
6136	412 365 100		6	6	1	250 150 10.6	5.2	100	150		5.2	B7G P	
6137	021 041 360		6	6	3	250 100 9.2	2	100	100		2	A08 P	
6145	265 104 130		5	5	150 100 34	10	100	100	100		No Data Available	A08 P	
6146	125 141 310		5	5	28	200 200 100	7	No Data Available			No Data Available	A08 P	
6147	206 035 240		1.2	7.5	150 125	5.5	1.6	100	125		1.5	B9A P	
6149	623 410 000		6.3	6.3	150	9	5	100	100		250	B5A T	
6151	623 410 000		6.3	6.3	250	4	4	100	100		4	B5A T	
6152	614 230 000		6.3	6.3	200	12	4	100	100		6	B5A T	
6153T	023 164 570		G1	6	2	100 16	5	100	60	5	88C TH		
6156	412 360 500		6	6	13.5	250 250 16	2.6	100	150	2.6	B7G P		
6157	*41 230 651		6	6	4.6	250	6	2.3	100		2.3	B9A TT	
6158	741 226 413		6	6	30	200 200 100	7	No Data Available			No Data Available	A08 P	
6159	125 141 310		A1	26	6	1	200	11	6.5	100	6.5	A08 T	
6160	642 113 470		6	6	8	250 150 7	5	100	100		2.6	A08 TT	
6166	412 361 100		6	6	1.4	250 150 7	5	100	100		4	B7G P	
6187	412 365 100		6	6	2	150 125	5.2	3.2	100	125	3	B7G P	
6188	463 471 230		6	6	2	250	2.3	1.6	150		1.4	A08 TT	
6189	641 227 413		6	6	3	250 10.5	2.2	100	100		3	B9A TT	
6189	145 236 154		6	6.3	1.3	100 100 7.5	5	100	100		4.5	B9A TT	
6201	741 226 413		6	6	2	250	10	3.5	100		3.6	B9A TT	
6202	802 309 100		6	6	4	100 100	7.5	5	100		5	B9A RR	
6203	800 230 109		6	6	4	100 100	7.5	5	100		5	B9A RR	
6206	412 163 510		6	6	1.3	100 100 7.5	5	100	100		4.5	B9A TT	
6211	741 226 413		6	6	1.2	100 100 4.6	3.6	100	100		3.6	B9A TT	
6216	641 236 510		6	6	6	200 100 47	8.8	100	100		8.8	B9A P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 140					DATA FOR AVO VALVE TESTER			TYPE
				Neg. Grid Volts	Anode Screen Volts	Is mA	mA/V	Anode Volts	Screen Volts	mA/V		
											BASE	
6227	041 230 651		6	5.2	200 200	30	9	100	100		100	B9A P
6228	402 613 080		6.3	1	100	0.7	1.7	100	100		1.7	B8D P
6245	653 311 400		6.3	1	100 150	7.5	3.0	100	100		100	B7G P
6247	442 634 000		6.3	17	400 200 20	6.5	No Data Available				2.6	B7G TT
6252	245 134 200		A1 A2	6.3	1	400 200 20	6.5	No Data Available			No Data Available	B7A PP
6265	412 365 100		6	6	1	250 150 9	4	100	125			B7G P
6267	501 236 014		6	6	1.0	250 100 3.0	1.8	No Data Available			No Data Available	B5A P
6281	653 420 000		6	6	0.6	20 20	2				5mA	B7G RR
6286	624 300 000		6	1.2	2	60	60	2.1	No Data Available		20mA	A08 RR
6287	156 236 546		6	6	12.5	250 250 48	4.1	100	100		100	B9A P
6293	125 141 300		A1	6	200 200 100	7.3	No Data Available				No Data Available	A08 P
6302	265 113 000		G1	6	2.2	300 150 11	9	No Data Available			No Data Available	LX6 P
6305	312 311 100		DI	4	5305	5					REC	B5A B7G R
6325	108 090 230		6	6	22.5	250 250 120	8	100	100		100	A08 RR
6327	121 040 170		6	6	60	60	60	60	60		60	A08 P
6366A	471 461 230		6.3	60	200	75	5	No Data Available			No Data Available	A08 TT
6390	614 227 141		6	6	5	190 11	4.6	100	100		5	B9A TT
6392	241 383 930		6	6	2	350 250	12.5	11.5	No Data Available		No Data Available	B9A P
6396	414 226 573		6.3	15	200 200 30	3.3	No Data Available				No Data Available	B9A PP
6374	*41 230 651		DI	6	1.2	4.5	150	120	3.4		30mA	B9A R
6375	400 230 060		6	6	22	250 250 77	5.5	No Data Available			3.4	B8D T
6384	106 052 430		6	6	2.1	150 82	5.5	125	125		5.5	A08 P
6385	214 607 413		6	6	2	100 9.6	4	100	100		4	B9A TT
6386	214 607 413		6	6	2	100 9.6	4	100	100		4	B9A TT
6394	461 471 230		26.5	45	150	100	11	No Data Available			No Data Available	A08 TT
6397Spec	206 035 240		1.2	2	150 150	9	2.3	100	100		100	B8D P
6414	641 227 413		6.3	2	200	8	5.5	100	100		100	B9A TT
6417	601 235 144		12.5	7.5	250 250 45	7	5.5	100	150		7	B9A P
6418	652 430 000		1.2	1.2	20	20	0.2	0.3	No Data Available		No Data Available	B5A P
6443	*41 230 651		6	6	10	250	14.5	5.2	100		100	B9A TT
6445	614 227 143		6	6	1.6	300 150 10	9	2	125		3.5	B8D P
6485	412 365 100		6.3	2	150 125	3.5	3.2	125	125		3.5	B9A P
6486/A	410 263 511		6	6	2.0	100 100 7.5	5.0	100	100		5.0	B8D P
6488	412 353 160		6	6	2.0	100	8	100	100		100	B8D P
6489	261 350 000		6	6	13.5	250 250 16.0	2.6	100	150		2.6	B7G TT
6516	412 360 500		6	6	60	150 50	7	No Data Available			No Data Available	A08 TT
6520	461 471 230		6	6	60	100 100	6.5	1.9	100		100	B5A P
6526	652 430 000		1.2	6	20	200 90	15	No Data Available			No Data Available	A08 TT
6528	471 461 230		6	6	150	100	0.9	1.7	100		1.7	B8D T
6533	644 612 360		6	6	0.8	100	8.5	5.3	100		5.3	B7G TT
6535	672 344 100		A1 A2	6	2	200 200 50	4.5	100	100		100	B7A PP
6542	542 134 500		6	6	16.5	400 225 87	9	No Data Available			No Data Available	A08 P
6550	026 540 310		6	6	150 125	7.5	4.5	100	100		100	B9A P
6582A	410 263 511		1.2	40	40	1					No Data Available	B5A P
6611	652 430 000		6	6	40	40	1				No Data Available	B5A P
6612	652 430 000		6	6	40	40	1				No Data Available	B5A P
6640	412 365 100		1.2	1.1	250 100	11	4.4	100	100		4.3	B7G P
6661	412 365 100		6	6	1.0	250 150	7.4	4.6	100		100	B7G P
6662	412 365 10											

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE IAD					DATA FOR AVO VALVE TESTER					TYPE	
				Neg. Grid Volts	Screen Volts	Is mA	mA/V	mV/mA	Screen Volts	Anode Volts	mA/V	Screen Volts	Anode Volts		
															BASE
4696	023 180 560	G1	6.3	2.5	250 150	8	14	No Data Available	90	DP					
4699	023 104 560		6.3	12.5	300 300	55	13	100 150	9	BSC P					
5222	402 613 060		6.3	1	100 0.7	1.7	100	1.7	BBD T						
5516	235 242 300	A1	4.5	3	400 250	75	4	100 150	4	AOR P					
5556	264 300 100			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	BFG P					
5591	412 365 100		6	1.9	200 125	7.7	2	125 100	5	BFG P					
5603	021 415 360		6	12.5	150 150	50	3.4	100 100	5	AOR P					
5608	412 365 100		6	12	150 125	7.5	2	100 90	5	BFG P					
5610	612 364 000		6	1.5	90	17	4	80	4	BFG T					
5618	265 134 200		3	8	300 75	19	3.5	100 60	3.5	BFG P					
5635	442 663 710		6	0.5	100 100	4.8	100	100	3.8	BBD TT					
5636	412 163 510		6	1.4	100 100	5.3	3.3	100 100	2.9	BBD P					
5637	402 013 060		6	6	100 100	2.7	100	100	2.7	BBD P					
5639	412 163 510		6	2.6	150 100	21	9	100 100	9	BBD P					
5640	412 163 510		6	6	100 100	31	5	100 100	5	BBD P					
5641	082 813 080		6	30	30			REC	15mA	BBD R					
5642	023 000 000	D1	1.2	400	75	560				B3C D					
5643	612 113 000		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	5.0			D		B5A D					
5654	412 365 100		6	2	150 125	7.5	5	100 100	5	BFG P					
5656	544 231 761		6.3	12.5	250 250	32	5.8	100 150	150	B9A PP					
5659	026 540 310		12.5	12.5	250 250	32	5.8	100 150	150	AOR P					
5660	026 895 310	G1	12.5	3	250 125	10	1.3	100 100	1.3	AOR BDP					
5661	021 415 360		12.5	0.4	250 100	9.2	2	100 2	2	AOR P					
5670	214 607 413		6	2	150 100	8.2	5.5	120	5.5	B9A TT					
5672	653 420 000		1.2	6.5	60	3.1	0.6	No Data Available	B5A P						
5676	624 300 000		1.2	5	150	4.1	1.6	125	1.6	B5A T					
5677	624 200 000		1.2	6	150	1.9	0.6	100	0.6	B5A T					
5678	624 200 000		1.2	6	150	1.8	1	No Data Available	B5A T						
5679	218 309 120		6	5	250	5		D		B5B RR					
5686	141 235 615		6	12.5	250 250	27	3.1	100 100	100	B9A P					
5687	641 221 437		6	12.5	250	12.5	4.1	100	7	B9A TT					
5690	238 192 310		6	2	290	20		REC	30mA	AOR RR					
5691	471 461 230		6	2	290	2.3	1.6	150	1.6	AOR TT					
5692	471 461 230		6	3	250	6.5	2.2	100	2.2	AOR TT					
5693	021 415 360		6	2	250 100	3	1.6	100 1.6	AOR P						
5694	126 447 310		6	6	300	7	3.2	No Data Available	AOR TT						
5702	652 311 400		6.3	2	150 115	7.5	5	100 100	5	BFG P					
5703	623 410 000		6.3	2	150	9	5	100	5	B5A T					
5704	623 100 000		6.3	2	100	13	5.5	100	5.5	B5A R					
5718	402 013 060		6	1.3	150	1.8	2.3	100	1.6	BBD T					
5719	402 013 060		6	1.3	150	1.8	2.3	100	1.6	BBD T					
5722	802 208 300		3	2	150 125	5.2	3.2	100	3.5	BFG P					
5725	412 365 100		6	2	150 125	5.2	3.2	100	3.5	BFG P					
5726	192 310 800		6.3	3	150 100	8	2.2	100	2	BFG RR					
5732	026 510 310	G1	6.3	3	250 100	4	4	100	4	AOR P					
5744	623 410 000		6.3	1	250 100	11	4.4	100	4.3	B5A T					
5749	412 365 100		6	2	100 11	7	100	6	BFG H						
5750	412 366 400		6	2	100 11	7	100	6	BFG H						
5751	741 226 413		6	3	250	1	1.2	100	1.2	B9A TT					
5755	471 230		6	2	250 250	45	7	100 150	7	B9A TT					
5763	601 235 144		6.3	7.5	250 250	45	7	100 150	7	B9A P					
5784	652 310 000		6.3	2	150 125	5.2	3.2	100	3	BFG P					
5785	823 000 000		1.2	4	90	11	2	80	5	B5A T					
5797	411 235 600		36.5	1	30 30	0.5	1	No Data Available	BBD P						
5798	741 231 460		26	0	20 2.3	3.1	No Data Available			B5A T					
5812	413 365 200		3	3	250 250	40	4.1	100 150	4.1	BFG TT					
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		25	22	150 125	61	5	125	125	5	AOR P				
5825	200 300 000	D1	1.5	30	30			D		UX4 D					
5838	028 090 310		12	1.5	100	160		REC	15mA	B8A RR					
5839	028 090 310		26.5	1.4	100 100	7	5	100 100	5	AOR RR					
5840	412 163 510		26.5	1.4	100 100	7	5	100 100	5	BBD 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	BFG TT					
5845	802 290 300		6	2	150 150	13	12.5	150	150	12	B9A P				
5847	402 106 053		6	2	150 150	13	12.5	150	150	12	B9A P				
5851	536 025 340		2.5	7.5	150 125	5.5	1.6	125	1.6	B5B P					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE IAD					DATA FOR AVO VALVE TESTER					TYPE	
				Neg. Grid Volts	Screen Volts	Is mA	mA/V	mV/mA	Screen Volts	Anode Volts	mA/V	Screen Volts	Anode Volts		
															BASE
5852	028 090 310		6	1.2	2	40	40	0.8	0.5	15mA	AOR RR				
5854	023 420 000		6.3	3	150	250	45	2.9	100	150	4	AOR P			
5871	264 114 730		9	1.2	90	90	3.5	2.5	80	90	2.3	BBD TT			
5875	652 430 000														
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	AOR P					
5882	028 090 310		12.6					REC	20mA	AOR RR					
5894	245 134 200	A1/A2	6	3.4	400 250	30	3.4	No Data Available	B7A PP						
5896	812 093 100		6					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	100	1.8	2.3	100	1.7	BBD T				
5899	412 163 510		6	1.4	100 100	7.2	4.5	100	100	5	BBD T				
5900	412 163 510		6	1.5	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	1	B8A P					
5903	812 093 100		26	0	20 20	2.3	2.8	No Data Available	B8B RR						
5904	402 013 060		26	1.5	100 100	7.5	5	100	100	5	AOR P				
5905	412 163 510		26	1.5	100 100	7.5	5								

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC PIETER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Net Grid Volts	Anode Volts	Screen Volts	Ia mA	Ib mA/V	Anode Volts	Screen Volts	mA/V	BASE		
													mA/V	
7144	641 237 410		6.3	1-2	90	50	15	12.5	No Data Available	B9A	TT			
7145	501 236 014		6.3	2.0	50	50	1.8	34	No Data Available	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	3	No Data Available	B9A	P			
7184	026 540 310		6.3	12.5	250	250	47	4.1	No Data Available	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		6	10.5	300	11	3	100	No Data Available	A08	T			
7199	675 231 414		6.3	1-5	250	125	9	2	100	60	B9A TP			
7212	125 142 360		6.3	28	200	200	100	7	No Data Available	A08	P			
7227	441 237 6*1		6.3	27.5	2.5	40	8	5	No Data Available	B9A	P			
7233	646 236 416		6.3	40	150	50	9	9	No Data Available	B9A	T			
7236	471 461 230		6.3	14	150	100	10.5	12.5	No Data Available	A08	TT			
7239	41* 235 1*1	A1	6.3	3	300	100	0.5	4.6	100	100	B9A P			
7244	672 344 100		6	0.4	150	13.5	11	100	100	5	B7G TT			
7245	412 344 600		6.3								B7G TT			
7247	641 227 413		6.3	2	250	10.5	1.2	1.6	100	1.6	B9A TT			
7258	641 237 541		12.5	3	150	15	4.5	100	60	2.2	B9A TP			
7208	741 236 410		6.3	1.4	90	12	11.5	No Data Available	B9A	TT				
7316	641 227 413		6.3	8.5	250	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	041 230 695		6.3	7-3	250	250	48	11.3	100	100	B9A P			
7355	026 014 390		6.3	15	250	250	70	7.6	100	100	A08 P			
7358	125 141 300		6.3	250	250	100	7	100	100	100	A08 P			
7370	641 221 437		30	2	130	36	11.5	100	11.5	B9A TT				
7382	412 300 600		6.3	2	350	1.2	1.6	100	1.6	B7G T				
7408	026 540 310		6.3	12.5	250	4.7	4.6	100	100	A08 P				
7402	741 226 413		6.3	250	250	7.5	100	100	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	10.8	5.2	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	18	250	250	40	5.3	100	100	B9A P			
7581	026 540 310		6.3	14	250	250	72	6	100	100	B8A P			
7591	026 540 310		6.3	17	300	250	80	8	100	100	A08 P			
7607	125 141 300	A1	6.3	2	100	14	5	100	60	6	B9A TP			
7643	645 237 114		6.3	2	200	175	10	6.2	100	100	B9A TP			
7683	416 236 156		6.3	0.5	300	250	12.6	5	100	100	B9A P			
7687	645 237 114		6.3	8.5	300	7.5	2.5	100	60	60	B9A TP			
7693	412 365 100		6.3	300	125	10	5.8	100	100	100	B9A TP			
7694	412 365 100		6.3	300	150	7.4	4.6	100	100	100	B7G P			
7695	5** 234 1*6		50	3	80	250	100	9.2	3.6	No Data Available	B7G P			
7699	414 226 573		6.3	11	130	130	100	11.0	No Data Available	B9A	P			
7700	265 113 000		6.3	250	250	45	10	No Data Available	B9A	PP				
7701	141 236 515		6	3	250	100	2	1.2	100	1.2	UX6 P			
7716	146 231 457		13.6	1.0	150	3	3.6	100	100	B9A P				
7717	412 365 100		6.3	1	200	100	24	9.5	100	60	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	3.0	250	34	27	No Data Available	B9A	P				
7728	641 227 413		14	3	250	0.7	1.0	100	100	100	B9A BDT			
7729	641 227 413		6.3	2	250	10	5.5	100	4	B9A TT				
7731	641 237 114		6.3	2	250	1.2	1.6	100	1.2	B9A TT				
7732	412 365 100		6.3	1	150	18	8.5	100	60	60	B9A TP			
7733	141 223 651		6.3	0.95	200	100	10	5.2	100	100	B9A TP			
7734	514 236 147		6.3	3	250	175	54	12	No Data Available	B9A	P			
7738	642 314 600		6.3	21	150	35	3.4	No Data Available	B9A	P				
7751	026 540 310		6.3	2.0	150	150	5.5	3.2	No Data Available	B9A	TP			
7752	412 365 100		6.3	8	100	100	100	14	No Data Available	B7G	T			
7754	412 365 100		6.3	2	150	125	5.5	3.5	No Data Available	A08	P			
7755	412 365 100		6.3	150	150	100	11	No Data Available	B7G	P				
7756	106 026 430		6	40	30	3	2.7	No Data Available	B9A	P				
7757	451 034 510		6.3	36	300	300	58	4.3	100	150	4.3	A08 P		
7761	214 607 413		12.6	250	250	45	4.1	100	PenLP	4.0	B9A P			
7768	141 235 615		6.3	150	150	35	5.5	100	No Data Available	B9A	TP			

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC PIETER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER					TYPE
				Net Grid Volts	Anode Volts	Screen Volts	Ia mA	Ib mA/V	Anode Volts	Screen Volts	mA/V	BASE		
													mA/V	
6840	614 227 130		6.3	250	100	100	6.7	100	BBD	P				
6850	542 134 500	A1 A2	12	200	200	50	4.5	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	REC	20mA	A08	RR	RR	RR	RR	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	B9A P			
6872	521 413 000	A1	6.3	1	400	100	3.5	2.2	No Data Available	B7G	P			
6877	402 634 016		6.3	12	100	75	6.5	100	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	36	100	90	A08	P				
6889	200 053 420		6.3	22.5	200	250	77	5.4	100	100	A08 P			
6922	641 227 413		6.3	1.2	300	200	82	10	No Data Available	B9A	TT			
6929	414 226 573		6.3	100	100	8	3.6	100	100	3.6	BBD P			
6943	412 163 510		6.3	100	100	7	3.2	100	100	3.2	BBD P			
6944	412 163 510		6.3	100	100	25	3.5	100	100	100	BBD P			
6945	412 163 510		6.3	100	100	7	3.8	100	100	100	BBD P			
6946	402 013 060		6.3	150	150	6.5	4	100	880	TT				
6947	642 113 470		6.3	100	0.8	1.6	100	100	880	TT				
6948	642 113 470		6.3	100	0.8	1.6	100	100	880	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	200	36	7	No Data Available	B9A	TT			
6953	125 141 130	A1	12	30	200	200	100	7	No Data Available	B9A	P			
6957	741 221 436	A1 A2	6.3	50	400	250	11	4.6	No Data Available	B7A	PP			
6913	182 310 900		6	5	150	100	100	100	B9A	TT				
6919	182 310 900		6	5	150	100	100	100	B7G	RR				
6922	641 227 411		6.3	200	200	200	100	100	No Data Available	B9A	TT			
6927	672 344 100		6	0.8	100	5	4.5	100	5	B7G TT				
6928	412 365 100		6	12.5	250	250	45	1.0	150	4	B7G P			
7000	026 510 310		6	2	250	100	1.2	1.6	100	1.6	A08 P			
7025	741 236 413	G1	6	2	250	150	1.2	1.6	150	1.6	B9A TT			
7027	526 544 310		6.3	2	250	200	4.5	1.8	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	3.6	2	80	75	2	B7G H		
7044	641 221 437		6.3	2	150	100	18	8.5	100	60	8	B9A TP		
7051	645 237 114		6.3	1.0	200	100	10	5	100	100	B9A TP			
7054	141 231 651		13.5	2.7	250	150	19	11.5	100	100	B9A P			
7055	182 310 900		13.5	2.2	200	150	9.5	6.2	100	100	B7G RR			
7056	412 365 100		13.5	2.2	150	10	6.8	100	100	100	B7G P			
7057	641 237 410		13.5	2.2	250	1.2	1.6	100	100	100	B9A TT			
7058	641 237 410		13.5	2.2	250	1.2	1.6	100	100	100	B9A TT			
7059	654 237 115		13.5	0.9	250	100	10	5.2	100	60	8	B9A TP		
7060	641 237 541		13.5	1.5	150	9	4.9	100	100	60	60	B9A TP		
7061	504 234 156		13.5	10	200	200	36	7.2	100	100	B9A P			
7062	641 227 413		6.3	0.8	100	100	8.5	7.8	100	8.5	B9A TT			
7066	208 564 300		1.4	100	100	1.1	0.4	100	0.4	B7G DP				
7071	*** 231 ***	D1	6.3	180	REC	40mA	B9A	D			B9A D			
7072	*** 231 ***	C	6.3	180	REC	40mA	B9A	P			B9A P			
7073	*** 231 ***	C	26	180										