

TEST DATA FOR RECEIVING AND SMALL TRANSMITTING VALVES

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
0Z4	007 060 010		-		250		58	3kΩ	No Data Available			A08	CCR
00	364 200 000		5	0	40		1.0	0.66	No Data Available			UX4	T
00A	364 200 000		5	0	40		1.5	0.65	No Data Available			UX4	T
01	364 200 000		5	4.5	90		2.5		80			UX4	T
01A	364 200 000		5	9	150		3	0.8	80		0.7	UX4	T
01AA	364 200 000		5	4.5	90		3.2	0.9	90		0.8	UX4	T
01B	364 200 000		5	4.5	90		2.5	0.72	90		0.8	UX4	T
06F90	653 420 000		0.6	1.1	20	20	.05	0.1	No Data Available			B5A	P
054V	642 310 000		4		100			4	100		4	B5	T
084	642 300 000		4	2.0	150		4.0	1.4	125		1.4	B4	T
1	281 300 000		6				60		REC		20mA	UX4	R
1A3	281 008 300		1.4						D			B7G	D
1A4	365 200 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A4E	365 200 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A4P	365 200 000	G1	2	3	90	75	2.2	0.7	80	75	0.7	UX4	P
1A4T	265 300 000	G1	2	3	150	75	2.2	0.6	100	75	0.6	UX4	P
1A5	036 540 200		1.4	4.5	90	90	4	0.85	80	75	0.8	A03	P
1A6	266 453 000	G1	2	0	150	75	3	0.4	80	60	0.4	UX6	P
1A7	892 300 000		4				60		REC		20mA	B4	RR
1A7	026 546 300	G1	1.4	0	90	50	1.8	0.5	80	60	0.5	A08	II
1A8	327 546 280	G1	1.4		90	90	1.2	0.7	80	90	0.7	A08	DTP
1AB5	365 004 220		1.2	1.5	150	150	6.8	1.35	100	100		B8B	P
1AB6	265 461 300		1.4	4.1	60	60	1.65	0.1	No Data Available			B7G	H
1AC5	*4* 23* 650		1.2	4.5	60	60	2.0	0.75	60	60	0.7	B8D	P
1AC6	266 464 300		1.4	4.0	60	60	4	2.2	80			B7G	H
1AD4	652 430 000		1.2	1.6	90	90	5.7	2.3	80	75	2.0	B5A	P
1AD5	*4* 23* 650		1.2	3.0	60	60	1.85	0.73	60	60	0.7	B8D	P
1AE4	265 024 300		1.2	0	90	90	3.5	1.55	90	80	1.5	B7G	P
1AE5	642 453 000		1.2		40	40	0.9	0.2	No Data Available			B5A	P
1AF4	265 024 300		1.4	0	90	90	1.65	0.95	80	90	0.9	B7G	P
1AF5	208 564 300		1.4	0	90	90	1.1	0.6	80	90	0.6	B7G	DP
1AF33	208 564 300		1.4		60	60	1.6	0.5	No Data Available			B7G	DP
1AF34	208 564 300		1.2		60	60	1.6	0.5	No Data Available			B7G	DP
1AG4	653 420 000		1.2	3.6	40	50	2.4	1	No Data Available			B5A	P
1AG5	658 243 000		1.2	2	40	40	0.2	0.2	No Data Available			B5A	DP
1AH4	652 453 000		1.2		40	40	0.7	0.7	No Data Available			B5A	P
1AH5	208 564 300		1.4	1.5	60	60	0.17	0.17	60	60	0.1	B7G	DP
1AJ4	265 124 300		1.4	0.8	75	75	1.4	0.65	80	75	0.7	B7G	P
1AJ5	658 243 000		1.2		40	40	1	0.4	No Data Available			B5A	DP
1AK4	652 430 000		1.2		40	40	0.7	0.7	No Data Available			B5A	P
1AL4	365 004 020		1.4	4.5	90	90	4	0.8	80	75	0.8	B8B	P
1AM4	265 024 300		1.4		90	60	2.4	0.3	80	60	0.2	B7G	P
1AN5	265 224 300		1.4	0	60	60	1.0	0.7	80	75	0.8	B7G	P
1AQ5	266 424 300		1.4		90	40			No Data Available			B7G	H
1AR5	208 564 300		1.4		60	60	0.9	0.5	No Data Available			B7G	DP
1AS4	265 024 300		1.4	0	90	90	1.6	0.85	100	90		B7G	P
1AS5	265 804 300		1.4		60	60	0.9	0.5	No Data Available			B7G	DP
1AU3	030 000 200	D1	1.2						D			A08	D
1AX2	230 232 032	D1	1.4						D			B9A	D
1B3	020 000 300	D1	1.2						D			A08	D

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TY
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
1B4	365 200 000	G1	2	3	200	60	1.7	0.6	100	60		UX4	P
1B4P	365 200 000	G1	2	3	90	75	1.6	0.6	80	60	0.6	UX4	P
1B4T(T)	265 300 000	G1	2	3	150	75	1.7	0.6	100	60	0.6	UX4	P
1B5	268 943 000		2	3	150		0.8	0.57	100		0.5	UX6	DD
1B5L	368 942 000		2	3	100		0.8	0.5	100		0.5	UX6	DD
1B6	265 406 300		1.4	1.5	90	75	1.5	0.75	80	75	0.7	B7G	P
1B7	026 546 300	G1	1.4	0	90	50	1.5	0.8	80	60	0.8	A08	H
1B8	037 546 280	G1	1.4	{ 6 6	90 90	90	0.1 6.3	0.3 1.1	80 80	60 75	0.1 1.1	A08	DT
1C	289 300 000		6						D			UX4	DD
1C1	266 424 300		1.4	4	75		4.5	1.2	80		1.4	B7G	H
1C2	266 464 300		1.4	4	60		4	1.2	80		1.4	B7G	H
1C3	260 406 300		1.4	3	90		1.4	0.75	80		0.7	B7G	T
1C3	266 464 300		1.4		60		3		No Data Available			B7G	H
1C4	365 200 000	G1	2	0	150	75	2.5	1	150	75	1	UX4	P
1C5	036 540 200		1.4	7.5	90	90	7.5	1.5	80	75	1.5	A08	P
1C6	366 452 000	G1	2	0	150	75		1	150	75	1	UX6	H
1C7	026 546 300	G1	2	0	150	75		1	150	75	1	A08	H
1C8	240 236 540		1.2	0	30	30	0.3		No Data Available			B8D	H
1C91	624 300 000		1.2	2.5	150		7		100			B5A	T
1C91	026 447 300		1.2	2.5	125		7		100			A08	TT
1D3	402 306 060		1.2	5	90		12.5	3.4	100		3.4	B8A	T
1D4	264 530 000		2	6	150	150	9.5	2.4	100	100		UX5	P
1D5	802 310 000		40				120		REC		60mA	B5	R
1D5G	026 500 300	G1	2	3	200	75	2.3	0.7	100	75		A08	P
1D5GP	028 500 300	G1	2	3	90	75	2.2	0.7	80	60	0.7	A08	P
1D5GT	026 500 300	G1	2	3	150	75	2.2	0.6	100	60	0.6	A08	P
1D6	280 183 000		25				60		REC		60mA	UX6	R
1D7	036 546 200	G1	2	0	150	75	3	0.42	150	75	1.0	A08	P
1D8	037 546 280	G1	1.4	{ 0 9	90 90	90	1.1 5	0.5 0.9	80 80	60 75	0.5 0.9	A08	DT
1D13	281 0*8 300		1.4						D			B7G	D
1DN5	265 804 300		1.4		60	60	2.1	0.6	No Data Available			B7G	DP
1E3	402 203 060		1.2	0	150		20	3.5	100			B9A	T
1E4	026 040 300		1.4	3	90		1.4	0.76	80		0.7	A08	T
1E5	036 500 200	G1	2	3	150	75	1.7	0.6	100	60	0.6	A08	P
1E5GP	036 500 200	G1	2	3	90	75	1.6	0.6	80	60	0.6	A08	P
1E7	036 447 250		2	4.5	150	150	7.5	1.43	100	100	1.4	A08	PP
1E8	240 236 540		1.2	0	60	60	1.8	0.74	No Data Available			B8D	H
1F1	265 024 300		1.4	0.8	75	75	1.4	0.65	80	60	0.7	B7G	P
1F2	265 024 300		1.4	1.0	90	75	2.9	0.92	80	75	0.9	B7G	P
1F3	265 024 300		1.4	1.0	90	50	1.9	0.75	80	60	0.7	B7G	P
1F4	364 520 000		2	3	90	90	4	1.4	80	75	1.4	UX5	P
1F5	036 540 200		2	3	90	90	4	1.4	80	75	1.4	A08	P
1F6	365 892 000	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	UX6	DC
1F7	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	A08	DC
1F7GV	036 895 200	G1	2	1.5	150	75	2.2	0.6	150	75	0.6	A08	DC
1F33	265 024 300		1.4		90	60	3.5	0.7	80	60		B7G	P
1F34	265 024 300		1.2		90	60	3.5	0.7	80	60		B7G	P
1F860	141 230 651		20		200	175	10	7.5	100	100	7	B9A	P
1FD1	2*8 564 300		1.4	1.5	60	60	0.17	0.17	80	60	0.1	B7G	DI
1FD9	208 564 300		1.4	1.0	75	75	1.6	0.63	80	75	0.6	B7G	DI
1G3	*2* 0*0 3*0	D1	1.2						D			A08	D

TYPE	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		
P	1G4	036 040 200		1.4	6	90		2.3	0.82	80		0.8	A08	T
P	1G5	036 540 200		2	6	90	90	8.5	1.5	80	75	1.5	A08	P
P	1G6	026 447 300		1.4	0	90		1.0	0.67	80		0.6	A08	TT
DDT	1H2	23* 232 *32	D1	1.4						D			B9A	D
DDT	1H3C	026 447 300		1.2	5.5	150		2.3	0.8	100			A08	TT
P	1H4	026 040 300		2	9	150		3	0.9	100		0.9	A08	T
H	1H5	036 080 200	G1	1.4	0.5	100		0.1	0.2	80		0.2	A08	DT
TP	1H6	036 894 200		2	3	150		0.8	0.57	100		0.5	A08	DDT
	1H33	265 424 300		1.4		90	60	1.6		80	60	0.3	B7G	H
H	1H34	265 424 300		1.2		90	60	1.6		80	60	0.3	B7G	H
	1H35	265 454 300		1.4		90	40	0.6		No Data Available			B7G	H
H	1J3	020 000 300	D1	1.2						D			A08	D
T	1J5	036 540 200		2	16.5	150	150	7	0.95	100	100	0.9	A08	P
H	1J6	026 447 300		2	3	150		1.7		100			A08	TT
P	1J6GX	026 447 300		2	0	150		2		125			A08	TT
P	1K3	020 000 300	D1	1.2						D			A08	D
H	1K4	365 200 000	G1	2		150	75	2.5	1	150	75	1	UX4	P
H	1K5	026 500 300	G1	2		125	75	2.5	1	125	75	1	A08	P
H	1K5B	026 500 300	G1	2		125	75	1	1	125	75	1	A08	P
TT	1K6	369 852 000	G1	2	3	150	90	0.9	0.6	100	75	0.6	UX6	DDP
TT	1K7	026 895 300	G1	2	4.4	150	150	1.5	0.7	100	100	0.7	A08	DDP
T	1L4	265 024 300		1.4	0	90	75	2.9	0.92	80	75	0.9	B7G	P
P	1L5	026 540 300		2	6	200	200	10	2.4	100	150	2.4	A08	P
R	1L6	266 451 300		1.4	0	90	50	4	0.55	80	60		B7G	H
P	1L33	264 526 300		1.4	7	90	60	7.4	1.4	80	60		B7G	P
P	1L34	254 526 300		1.2	7	90	60	7.4	1.4	80	60		B7G	P
P	1L60	642 300 000		1		150		6.0	1.2	150		1.2	B4	T
R	1L84	365 004 020		1.4	4.5	90	90	4	0.85	80	70	0.8	B8B	P
P	1L91	652 430 000		1.2	4.5	40	40	1.2	0.5	No Data Available			B5A	P
DTP	1L861	041 230 651		20		200	200	15	9	100	100		B9A	P
	1LA4	361 004 020	S	1.4	4.5	90	90	4	0.85	90	70		B8B	P
	1LA4E	365 004 020		1.4	4.5	90	90	3.5	0.8	80	75	0.8	B8B	P
	1LA6	366 454 020		1.4	0	90	50	1.8	0.55	80	60	0.5	B8B	H
	1LA6E	366 454 020		1.4	0	90	50	1.8	0.55	80	60	0.5	B8B	H
T	1LB4	365 004 020		1.4	9	90	90	5	0.9	80	75	0.9	B8B	P
P	1LB6	266 554 430		1.4	0	90	75	0.4	0.1	90	70		B8B	H
PP	1LB7	265 104 130		1.4	3	40	40	1	0.3	No Data Available			A08	P
H	1LC5	365 124 020		1.4	0	90	50	1.15	0.77	80	60	0.7	B8B	P
P	1LC6	266 454 030		1.4	0	90	50	3	0.55	80	60	0.5	B8B	H
P	1LD5	365 804 020		1.4	0	90	50	0.6	0.57	80	60	0.5	B8B	DP
P	1LE3	350 0*4 020		1.4	3	90		1.4	0.76	80		0.76	B8B	T
P	1LF3	260 004 030		1.4	3	90		1.4	0.76	80		0.7	B8B	T
P	1LG5	365 124 020		1.4	1.5	90	90	3.7	1.15	80	90	1.1	B8B	P
DDP	1LH4	360 804 020		1.4	0	90		0.15	0.27	80		0.2	B8B	DT
DDP	1LN5	365 124 020		1.4	0	90	90	1.6	0.8	80	90	0.8	B8B	P
DDP	1M5G	036 500 200	G1	2		150	75	2.5	1	150	75	1	A08	P
P	1M90	624 300 000		1.4		90		0.25					B4A	T
P	1N2	*2* *** 3*0	D1	1.2						D			A08	D
P	1N5	036 500 200	G1	1.4		90	90	1.2	0.7	80	75	0.7	A08	P
DP	1N6	036 548 200		1.4	4.5	90	90	3.4	0.8	80	75	0.8	A08	DP
DP	1NA31	802 208 300		5				15		REC		10mA	B7G	R
D	1P1	365 024 300		1.4	5.2	90	90	5.0	1.4	80	75	1.4	B7G	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
1P5	036 500 200	G1	1.4		90	90	2.3	0.7	80	90	0.7	A08	P
1P10	264 536 200		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
1P11	365 024 300		1.4	4.5	90	90	9.5	2.15	80	75	2	B7G	P
1Q5	036 540 200		1.4	4.5	90	90	9.5	2.2	80	75	2.2	A08	P
1Q6	040 238 650		1.25	0	60	60	1.6	0.6	No Data Available			B8D	DP
1R	026 510 300	G1	1.4		90	90	1.2	0.7	80	90	0.7	A08	P
1R4	200 800 130		1.4						D			B8B	D
1R5	266 424 300		1.4	4	75		5	1.2	80		1.4	B7G	H
1R5T	261 425 300		1.4		90	70	1.15	0.3	No Data Available			B7G	H
1R6	230 232 032	D1	1.2						D			B9A	D
1LB7	265 104 130		1.4	3	40	40	1	0.3	No Data Available			A08	P
1LC5	365 124 020		1.4	0	90	50	1.15	0.77	80	60	0.7	B8B	P
1S2A	32* 323 *23	D1	1.4						D			B9A	D
1S4	264 526 300		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
1S5	208 564 300		1.4	0	75	75	1.6	0.62	80	75	0.6	B7G	DP
1S6	604 238 050		1.2	0	60	60	1.6	0.6	No Data Available			B8D	DP
1SA6	021 405 360		1.4	0	90	75	2.45	0.97	80	75	0.9	A08	P
1SB6	036 580 240		1.4	0	90	75	1.45	0.66	80	75	0.6	A08	DP
1T	036 500 320	G1	1.4	4.5	90	90	0.9	2.1	80	75	2.1	A08	P
1T2	123 000 000	D1	1.4						D			B3G	D
1T4	365 200 000		2	0	150	75	2.5	1	150	75	1	UX4	P
1T4	265 024 300		1.4	0	90	75	3.5	0.9	80	75	0.9	B7G	P
1T5	036 540 200		1.4	6	90	90	6.5	1.15	80	75	1.1	A08	P
1T6	604 238 050		1.2	0	60	60	1.6	0.6	No Data Available			B8D	DP
1U4	265 024 300		1.4	0	90	90	0.8	0.60	80	90	0.9	B7G	P
1U5	265 804 300		1.4	0	75	75	1.6	0.62	80	75	0.6	B7G	DP
1U6	266 541 300		1.4	0	75	50	1.7	0.3	No Data Available			B7G	H
1V	281 300 000		6				60		REC 20mA			UX4	R
1V2	8** 230 **8		0.625						D			B9A	D
1V4	265 *24 300		1.25	0	150	100	1.6		125	100		B7G	P
1V5	*4* 23* 650		1.2	4.5	60	60	2	0.75	No Data Available			B7G	P
1V6	654 247 300		1.25	0	45	45	4.4		No Data Available			B7B	TP
					45	45	0.4	0.2					
1W4	892 300 000		4				30		REC 40mA			B4	RR
1W4	265 004 300		1.4	9	90	90	5	0.92	80	75	0.9	B7G	P
1W5	040 230 650		1.25	0	60	60	1.8	0.73	No Data Available			B84	P
1W50	842 010 000		1.0	0.5	100		0.2	0.2	100			B5	T
1X2	230 232 032	D1	1.2						D			B9A	D
1Y2	200 300 000	D1	1.4						D			UX4	R
1Y32	232 232 300	D1	1.4						D			B7G	D
1Y32T	232 232 300	D1	1.4						D			B7G	D
1Z1	020 000 300	D1	0.7						D			A03	D
1Z2	232 232 300	D1	1.2						D			B7G	D
2	642 300 000		2	4	150		1.5		100			B4	T
2/25A	200 300 000	D1	6				30		REC			UX4	R
2/50A	200 300 000	D1	5				60		REC			UX4	R
2A1M	026 546 300	G1	2		150	75	2.2		100	80		A08	H
2A3	264 300 000		2.5	45	250		60	5.2	100		5.2	UX4	T
2A3H	364 200 000		2.5	62	300		40	5.25	100		5.2	UX4	T
2A3W	264 300 000		2.5	45	250		60	5.2	100		5.2	UX4	T
2A5	265 413 000		2.3(3)	16.5	250	250	34	2.5	100	150	2.5	UX6	P
2A6S	269 813 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
2A7	265 541 300	G1	2.5	8	250	100	3.5	1.1	150	100	1.1	Sm7	H

TYPE	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		
P	2AF4	642 314 600		2.5	4.0	100		15	6.6	80		6.0	B7G	T
P	2B3	*20 000 3*0	D1	1.7						D			A08	D
P	2B5	267 413 000		2.5		300		9		No Data Available			UX6	TT
P	2B5	634 224 370		1.2	1	90		2.6	1.1	80		1.1	B8A	TT
DP	2B7	265 891 300	G1	2.5	3	250	125	9	1.1	100	100	1.1	UX7	DDP
P	2B21	300 200 000	D1	2.5				5		D			UX4	R
D	2B22	021 010 310	D1	6						D			A08	D
H	2B25	200 800 300		1.4						D			B7G	D
H	2B26	280 300 000		2.5				120		REC		30mA	UX4	R
P	2B35	123 000 000	D1	6						D			B3G	D
P	2B36	123 000 000	D1	4						D			B3G	D
P	2BN4	142 361 400		2	1.5	150		9	6.8	100		7	B7G	T
P	2C21	217 461 300	G1	6	16.5	250		8.3	1.3	100		1.3	UX7	TT
DP	2C22	020 000 310	A1 G1	6	10.5	300		11	3	100		3	A08	T
DP	2C23	264 300 000		7.5	32	350		16	1.55	100		1.5	UX4	T
P	2C25	264 300 000		7	100	350		50		No Data Available			UX4	T
DP	2C26	020 000 310	A1 G1	6	15	350		16		100			A08	T
P	2C34/(RK)34	204 140 300	A1 A2	6.3	36	300		80		No Data Available			Sim7	TT
D	2C40	*21 010 310	A1 G1	6	5	250		20		100			A08	T
P	2C43	*21 010 310	A1 G1	6.3		400		38		100			A08	T
P	2C45	364 200 000		7	40	250		29		100			UX4	T
P	2C48	265 004 130		6	15	250	250	70		100	150		B8B	P
DP	2C50	461 471 230		12.6		200		18	2.9	100			A08	TT
P	2C50	265 004 130		12	15	250	250	70		100	150		B8B	P
DP	2C51	214 607 413		6	2	150		8.2	5.5	125		5.5	B9A	TT
H	2C52	461 471 230		12.5	2	250		1.3	1.9	200		1.9	A08	TT
R	2CY5	412 365 100		2.5	1	150	80	10	8	125	75	8	B7G	P
D	2D1	289 130 000		2.5						D			UX5	DD
P	2D2	892 310 000		2						D			B5	DD
P	2D4	892 310 000		4						D			B5	DD
TP	2D4B	091 231 800		4						D			B7	DD
AR	2D13	023 180 000	D2	13						D			B5	DD
P	2D13A	823 190 000		13						D			B5	DD
P	2D13C	892 310 000		13						D			B5	DD
T	2D21	412 316 100		6		400		50	6kΩ	No Data Available			B7G	THY
D	2DL4	414 234 464		2		150		12.5	14	No Data Available			B9A	T
R	2E22	254 130 000	A1	6	15	400	250	60	5.5	100	150		UX5	P
D	2E24	235 242 300	A1	3	18.5	400	200	16	3.2	200	100	3.2	A08	P
D	2E25	020 540 320		6	22.5	400	250	40		No Data Available			A08	P
D	2E26	125 141 300	A1	6	20	200	200	20	3.5	100	75	3.5	A08	P
D	2E30	413 365 200		3	20	250	250	40	3.7	100	100	3.7	B7G	P
T	2E31	652 430 000		1.25	0	20	20	0.4	0.5	No Data Available			B5A	P
R	2E32	652 430 000		1.25	0	20	20	0.4	0.5	No Data Available			B5A	P
R	2E35	652 430 000		1.25	0	20	20	0.27	0.38	No Data Available			B5A	P
R	2E36	652 430 000		1.25	0	20	20	0.27	0.38	No Data Available			B5A	P
H	2E41	658 243 000		1.25	0	20	20	0.36	0.37	No Data Available			B5A	P
T	2E42	658 243 000		1.25	0	20	20	0.35	0.37	No Data Available			B5A	P
T	2E50	412 265 300		6	20	250	250	10	3.4	100	100		B7G	P
T	2EA5	412 365 100		2.3	1	250	150	10	8	100	100		B7G	P
P	2EM5	092 310 800		2.1						D			B7G	DD
DDT	2EN5	092 310 800		2.1						D			B7G	DD
H	2ER5	142 360 100		2.3	1.2	200		10		100			B7G	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
2ES5	142 360 100		2.3	1	200		15	9.5	100		9.5	B7G	T
2EV5	412 365 100		2.4		250	75	11.5	8.8	100	80		B7G	P
2F7	275 641 300	G1	2.5	{ 3 3	100 250		4 2.8		100 100	3.8 100		UX7	TP
2FH5	142 360 100		2.3	1	150		11	9	100			B7G	T
2FQ5	142 360 100		2.3	1.2	150		11.5	11	100			B7G	T
2FS5	412 365 100		2.4	0.2	275	150	10	10	100	100		B7G	P
2FV6	265 424 300		2.4	1	150	75	10	8	100	80		B7G	P
2FY5	142 360 100		2.4	1.2	150		11	12	100			B7G	T
2GK5	142 360 100		2.3	1.2	150		11	15	No Data Available			B7G	T
2H1	026 447 300		2.1		150		3.2	2.1	100		2.1	A08	TT
2HM5	412 365 100		2.4	1.2	150		12.5	11.5	100		10	B7G	T
2HMD	452 310 000	A1 A2	4		200	100	3.8	1.1	100	100	1.1	B5	PP
2HQ5	412 361 100		2.4	1	150		11.5	15	100		9.3	B7G	T
2HR8	501 236 014		2.1		250	150	3	1.8	100	100		B9A	P
2J2	230 232 032	D1	2						D			B9A	D
2K2	026 500 300	G1	2	2	100	100	2.5	0.9	100	100	0.9	A08	P
2L32	264 536 200		1.4	7	60	60	7	1.5	60	60		B7G	P
2L33	265 436 200		1.4	8.4	150	90	11.1	1.9	100	80		B7G	P
2L34	264 536 200		1.4	7	60	60	7	1.5	60	60		B7G	P
2L35	265 143 200		1.2	8.8	150	90	14.2	2.1	100	100		B7G	P
2M2M	264 536 200		1.2	3.5	60	60	3.7	1.1	80	60		B7G	P
2-01C	2** *** 300	D1	5						D			B7G	D
2P	642 300 000		2	22	250		40	7	100		7	B4	T
2S	289 130 000		2.5				15		REC		10mA	UX5	RR
2S/140G	208 120 800		6.3				5		D			B7G	R
2S/280F	*12 3** *00	D1	4				30		REC		15mA	B7G	R
2S/280K	112 311 100	D1	4				30		REC		15mA	B7G	R
2SC10	642 300 000		2.5	1	250		15	2.4	100			B4	T
2T4	642 310 600		2.3	2.7	75		18	7	75		7	B7G	T
2T/270K	112 311 100	D1	4						REC		5mA	B7G	R
2T/350D	020 000 300	D1	2.5				30		REC		13mA	A08	R
2U14	642 300 000		2		150		2	0.6	125		0.6	B4	T
2U15	642 300 000		2		150		4	0.8	100		0.8	B4	T
2V2	020 000 030	D1	2.5						D			A08	D
2V3	020 000 300	D1	2.5(3)						D			A08	R
2W3	020 600 030		2.5				60		REC		20mA	A08	R
2X2	300 200 000	D1	2.5(3)						D			UX4	R
2X3	020 800 030		2.5				120		REC		30mA	A08	R
2XP	642 300 000		2	36	300		50	7	100		7	B4	T
2Y2	200 300 000	D1	2.5				5		D			UX4	R
2Z2	280 300 000		2.5				60		REC		20mA	UX4	R
2.5C9	642 300 000		2.5	4	250		8	2.2	100			B4	T
3	642 300 000		2	7.5	150		3.4	0.9	100		0.9	B4	T
3A2	230 232 032	D1	3						D			B9A	D
3A3	*2* 0*0 3*0	D1	3						D			A08	D
3A4	265 426 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	B7G	P
3A5	264 347 200		1.4	2.5	90		3.7	1.8	80		1.8	B7G	TT
3A8	237 546 380	G1	1.4	{ 0 0	90 90	90	0.2 12	0.3 0.7	80 80	60	0.3	A08	DTP
3A/107A	264 300 000		4	8	150		6.5	1.6	100		1.6	UX4	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	B4	T

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TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
	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	B4	T
	3A/154M	260 0*4 130		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			B8G	T
	3AB4	602 304 100		3.1	2	250		10	5.5	100			B7G	T
	3AE4	365 004 230		1.4	9	90	90	1.8	1.6	80	75	1.6	A08	P
	3AF4A	642 314 600		3	4	100		15	6.6	100		7.5	B7G	T
	3AJ8	541 237 464		3.1	{ 3 2	{ 100 250	{ 100	{ 5 6.5	{ 2.3 2.4	{ 100 150	{ 100	{ 2.3 2.4	B9A	TH
	3AL5	192 310 800		3				5		D			B7G	DD
	3AT4A	602 304 100		3.1	1	200		11.5	6.7	100			B7G	T
	3AU6	412 365 100		3	1.0	250	150	10	5.2	130	150	5	B7G	P
	3AV6	412 398 600		3	2	250		1.2	1.6	200		1.6	B7G	DDT
	3AW3	*2* 0*0 3*0	D1	3.1						D			A08	D
	3AY6	412 389 600		3	2	250		1.2	1.6	200		1.6	B7G	DDT
	3AZ4	020 809 030		5				60		REC		15mA	A08	RR
	3B2	*2* 0** 3*0	D1	3						D			B8A	D
	3B4	524 332 600		1.25	10	150	125	30	2.2	100	100	2	B7G	P
	3B5	036 540 320		1.4	7	75	75	6.7	1.5	80	60	1.5	A08	P
	3B7	364 204 730		1.4	0	90		5.2	1.85	80		1.8	B8B	TT
	3B24	320 200 000	D1	2.5				30		REC		15mA	UX4	R
	3B29	300 200 000	D1	2.5						REC			UX4	R
	3B/102B	643 210 000		6		400		100	6	No Data Available			B5	T
	3B/240M	214 444 130	A1	6	1	300		50	27	No Data Available			B8B	T
	3B/241M	214 444 130	A1	19	1	300		50	27	No Data Available			B8B	T
	3B/252B	642 310 000		6	20	400		60	10	100		8	B5	T
	3BA6	412 365 100		3	1	250	100	11	4.4	100	100	4.4	B7G	F
	3BC5	412 365 100		3	1.3	250	150	7.5	5.7	100	150	5.8	B7G	P
	3BE6	412 365 100		3.1	6	150	100	7.5	3.5	100	100	5	B7G	H
	3BF6	142 360 100		3.1	9	250		9.5	1.9	100			B7G	T
	3BN4	142 361 400		2.8	2	150		9	6.8	100		6	B7G	T
	3BN6	412 354 600		3	1	60	60	0.5	1	80	60	1	B7G	P
	3BU8	157 231 461		3	1	100	60	1	1.5	100	60	1.5	B9A	PP
	3BX6	141 230 651		3.4	2	200	175	10	7.2	100	100	6	B9A	P
	3BY6	412 365 400		3	2.5	250	100	6.5	2.4	100	100	2.0	B7G	H
	3BY7	141 230 651		3.2	1.8	250	75	8	5.7	100	75		B9A	P
	3BZ6	412 365 100		3	1.0	150	125	14	8	200	150	6	B7G	P
	3C2	020 *3* 2*0		1.5						D			A08	D
	3C4	365 *24 300		1.4	5.2	90	90	5.0	1.4	80	75	0.7	B7G	P
	3C5	036 540 320		1.4	9	90	90	6	1.4	80	75	1.4	A08	P
	3C6	206 447 320		1.4	0	90		4.5	1.3	80		1.3	B8D	TT
	3C24	200 300 000	A1 G1	6.3	3	400		4.5	1.2	100			UX4	T
	3C36	412 365 100		3	2.2	200	150	9.5	6.2	100	150	6	B7G	P
	3CB6	412 365 100		3	1.0	150	125	13	6.0	100	150	6.0	B7G	P
	3CE5	412 365 100		3.1	2.1	200	150	9.5	6.2	100	100		B7G	P
	3CF5	402 365 100		3.1		150	125	11	7.6	100	100		B7G	P
	3CF6	412 365 100		3	1.0	150	125	12	7.8	100	150	6	B7G	P
	3CS6	412 365 100		3	1.0	100	30	1.0	1.1	100		1.1	B7G	H
	3CY5	412 365 100		2.9	1	150	75	10	9	100	80	8	B7G	P
	3D6	365 004 230		1.4	4.5	150	90	10.2	2.4	100	75	2.4	B8B	P
	3D21A	320 504 210	A1	6.3	30	400	300		5.5	No Data Available			A08	P
	3DG4	1*1 080 900		3.3				120		REC		30mA	A08	RR
	3DK6	412 365 100		3.1	0.9	150	125	12	9.8	100	100	9.5	B7G	P
	3DL4	414 234 464		2.6	1.2	150		12	14	No Data Available			B9A	T

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		
3DT6	412 365 100		3	2.2	150	100	1.1	0.8	150	100	2.0	B7G	P
3E5	365 024 300		1.4	8	90	90	6	1.2	80	75	1.2	B7G	P
3E6	265 134 020		1.4	0	90	90	2.5	1.8	90	90	1.8	A08	P
3EA5	402 365 100		3	1	250	100	10	8	100	100		B7G	P
3EH7	141 230 651		3.4	2	200	90	12	12.5	No Data Available			B9A	P
3EJ7	141 230 510		3.4	2.5	200	200	10	15	No Data Available			B9A	P
3ER5	142 360 100		3.6	1.2	250		10	10.5	100			B7G	T
3ES5	142 360 100		3	1	200		15	9.5	100			B7G	T
3EV5	412 365 100		2.9		250	75	11.5	8.5	100	80		B7G	P
3FH5	142 360 100		3	1	150		11	9	100			B7G	T
3FQ5	142 360 100		2.8	1.2	150		11.5	11	100			B7G	T
3FQ5A	142 360 100		2.8	1.2	150		11	12	No Data Available			B7G	T
3FS5	412 365 100		2.9	0.2	300	150	9	10	No Data Available			B7G	P
3FY5	142 360 100		3.1	1	150		11	13	No Data Available			B7G	T
3G10	892 300 000		2.5				30		REC		15mA	B4	RR
3G130	892 300 000		2.5				30		REC		15mA	B4	RR
3GK5	142 360 100		2.8	1	150		11.5	15	No Data Available			B7G	T
3GS8	156 231 471		3.1		100	75	2	1.2	100	75		B9A	PP
3HM5	412 360 100		2.9	1.2	150		12.5	14.5	No Data Available			B7G	T
3HQ5	412 361 100		3	1	150		11.5	15	100		12	B7G	T
3HS8	157 231 461		3.1		100	75	2	0.4	100	75	0.4	B9A	PP
3L31	265 436 200		1.4	8.7	150	90	14.2	2.1	100	90		B7G	P
3L35	265 243 200		1.4		150	125	18.5		100	100		B7G	P
3LE4	365 004 230		1.4	9	90	90	1.8	1.6	80	75	1.6	A08	P
3LF4	365 004 230		1.4	4.5	90	90	8	2	80	75	2	B8B	P
3Q4	364 526 300		1.4	5	90	90	6.9	1.97	80	75	1.9	B7G	P
3Q5	036 540 320		1.4	4.6	90	90	9	2	80	75	2	A08	P
3S4	364 526 300		1.4	7	90	75	7.4	1.57	80	60	1.5	B7G	P
3SB6	036 540 200		1.4		90	60	1.4	0.6	80	60		A08	P
3V4	365 024 300		1.4	4.5	90	90	7.7	2	80	75	2	B7G	P
3W4	264 536 200		1.4	5.2	90	90	6.8	1.7	80	75	1.5	B7G	P
3Y4	264 536 200		1.4	5.4	60	60	5	1.2	80	60		B7G	P
3Y6A1	023 104 560		6.3		400	300		2	No Data Available			F8	P
3Z4	264 536 200		1.4	7	60	60	6.5	1.4	No Data Available			B7G	P
4	642 300 000		2	1	150		1	0.9	150		0.9	B4	T
4/100BU	892 300 000		4				120		REC		30mA	B4	RR
4A6G	026 447 230		2	1.5	90		1.2	0.9	80		0.9	A08	TT
4A07	642 300 000		4	2	100		1.4	1.2	100		1.2	B4	T
4A08N	642 300 000		4		200		6	2.4	100			B4	T
4A10	642 300 000		4	2.5	150		6	1.8	125		1.8	B4	T
4A15	642 300 000		4		100		7	2.2	100		2.2	B4	T
4A80	642 310 000		4		150		6	2	150		2	B5	T
4A80N	642 310 000		4		200		6	2.4	100			B5	T
4A90	642 310 000		4		200		8	3.5	100		3	B5	T
4A120	642 310 000		4		150			1.4	125		1.4	B5	T
4AU6	412 365 100		4	1	250	150	10	5.2	100	60	5.2	B7G	P
4AV6	412 389 600		4.2	2	250		1.2	1.6	100		1.2	B7G	DDT
4BA6	412 365 100		4.2	1	250	100	11	4.4	100	100	4.4	B7G	P
4BC5	412 365 100		4.2	1.3	250	150	7.5	5.7	100	150	5.7	B7G	P
4BC8	741 236 410		4.2	2.2	150		10	6.2	150		5	B9A	TT
4BE6	412 365 100		4.2	6	150		7.5	3.5	100		5	B7G	H

TYPE	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			
	4BL8	645 237 114		4.5	2	100		14	5	100		5	B9A	TP	
	4BN4	142 361 400		4	2.2	200	175	10	6.2	100	100			B7G	T
	4BN6	142 354 600		4.2	1	60	60	0.5	1.0	80	60	1.0		B7G	P
	4BQ7A	741 236 410		4	2	150		9	6.4	100		6		B9A	TT
	4BS8	641 237 410		4.2	4.4	150		10	7.2	100		7	B9A	TT	
	4BU8	157 231 461		4.2	1	150	100	4	3.5	150	100	3.5	B9A	PP	
	4BX8	641 237 410		4.2		150		11	7.5	125			B9A	TT	
	4BZ6	412 365 100		4.2	1	100	100	12	8	100	100	8	B7G	P	
	4BZ7	741 236 410		4.2	2.2	150		10	6.8	100			B9G	TT	
	4BZ8	641 237 410		4.2	2	150		10	8	125		8	B9A	TT	
	4BZ11	741 236 410		4	2.2	150		10	6.8	100		6	B9A	TT	
	4C1	264 300 000		3	3	90		5	1	80		1	UX4	T	
	4C1A	264 300 000		3	3	90		5	1	80		1	UX4	T	
	4C2	642 310 000		4	5	150		11	2.5	125		2.5	B5	T	
	4C3	642 310 000		4	3.5	200		6	2.4	100		2	B5	T	
	4C4	642 310 000		4	3.5	200		6	2.4	100		2	B5	T	
	4C5	642 300 000		4	10	400		30	4	No Data Available			B4	T	
	4C101	023 004 060		4	45	250		60	6	100			F8	T	
	4C102	642 300 000		4	45	250		40	2	No Data Available			B4	T	
	4C103	642 300 000		4	35	250		45	3.5	No Data Available			B4	T	
	4CB6	412 365 100		4.2	1	150	125	13	8	125	125	8	B7G	P	
	4CC1	642 301 140		4	3.5	200		6	3.2	100		2.2	F8	TT	
	4CE5	412 365 100		4.2	1	150	125	11	7.6	125	125	7.6	B7G	P	
	4CF6	412 365 100		4.2	2	200	150	9.5	6.2	100	100		B7G	P	
	4CF8	501 236 014		4.5	2	250	150	3	2	100	100		B9A	P	
	4CM4	641 234 146		3.6	1.5	200		12	14	No Data Available			B9A	T	
	4CS6	412 365 100		4	1	100	30	1	11	No Data Available			B7G	P	
	4CX7	641 237 410		4.2	10	150		9	6.4	150			B9A	TT	
	4CY5	412 365 100		4.2	1	150	80	10	8	125	75	8	B7G	P	
	4D1	000 231 600	G1	13	3	250		10	5	100		4	B7	T	
	4D80	642 310 000		4		100		2	1	100		1	B5	T	
	4DE6	412 365 100		4.2	1.1	150	125	15.5	8	100	100		B7G	P	
	4DK6	412 365 100		4.2	0.9	150	125	12	9.7	100	100	9.5	B7G	P	
	4DL4	414 234 464		4	1.2	150		12	14	No Data Available			B9A	T	
	4DT6	412 365 100		4.2		150	150	12	9	150	100	2	B7G	P	
	4DT6A	412 365 100		4.2		150	100	12	9	150	100	2	B7G	P	
	4E2	023 189 560	G1	4	14	250	275	72		100	100		8SC	DDP	
	4E4	023 110 560	G1	4	2	250	100	3	2.1	100	100		8SC	P	
	4E104	265 004 130		4	6	250	250	36	9	100	100		B8G	P	
	4E201	023 110 560		4	3	250	100	8	1.8	100	100		F8	P	
	4EH7	141 230 651		4.4	2	200	100	12	12.5	100	100		B9A	P	
	4EJ7	141 230 651		4.4	2.5	200	200	10	15	No Data Available			B9A	P	
	4ER5	142 360 100		4.2	1.2	200		10	10.5	100			B9A	T	
	4ES8	741 236 410		4	1.2	90		15	12.5	No Data Available			B9A	TT	
	4EW6	412 365 100		4.2	0.8	150	125	11	14	No Data Available			B7G	P	
	4FC7	146 234 117		3.8	1.2	90		15	12.3	80			B9A	T	
	4FS7	141 234 675		4.6	3	100		14	5.5	100	60		B9A	TP	
	4G30	892 300 000		4	1.2	200	150	10	1.2	100	100				
	4G105	892 300 000		4				15		D			B4	RR	
	4G200	892 300 000		4				30		REC		15mA	B4	RR	
	4G5000	023 000 030	D1	4				60		REC		20mA	B4	RR	
										D			F8	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			
4GG1	892 300 000		4				30			REC	15mA	B4	RR	
4GG2	892 300 000		4				60			REC	20mA	B4	RR	
4GG3	892 300 000		4				120			REC	30mA	B4	RR	
4GG4	023 080 090		4				30			REC	15mA	F8	RR	
4GK5	142 360 100		4	1	150		11.5	15		No Data Available		B7G	T	
4GM6	412 365 100		4.2		150	125	14	13		No Data Available		B7G	P	
4GS8	156 231 471		4.2		100	75	2	1.2		100	75	B9A	PP	
4GX7	141 236 574		4.2	1	125		13	8.5				B9A	TP	
4GZ5	142 345 600		4		125	125	8	11		100	100			9.4
4H07	642 300 000		4		250	250	16	8.5		100	100	B7G	P	
4H07N	642 300 000		4		150		3	1.1		100		B4	T	
			4		150		3	1.1		100		B4	T	
4H08	642 300 000		4		150		5	1.2		100	1	B4	T	
4H80	642 300 000		4		150		3	1.1		100	1	B4	T	
4HM5	412 365 100		4	1.2	150		12.5	14.5		No Data Available		B7G	T	
4HQ5	412 361 100		4.2	1.0	150		11.5	15		100	12	B7G	T	
4HS8	157 231 461		4.2		100	75	2	0.4		100	75	0.4	B9A	PP
4K30	642 300 000		4	10	150		20	3.6		100	3	B4	T	
4K32	642 300 000		4	15	200		30	3.6		100	3.0	B4	T	
4K50	642 300 000		4	20	200		60	5		No Data Available		B4	T	
4K60	642 300 000		4	20	300		60	3.5		No Data Available		B4	T	
4K61	642 300 000		4		300		300	3		No Data Available		B4	T	
4K100	642 300 000		4	3	300	200	50	4		No Data Available		B4	T	
4L11	642 300 000		4		150		7	1.4		100	1.0	B4	T	
4L12	642 300 000		4		150		9	2		100	1.5	B4	T	
4L13	642 300 000		4		200		8	2		100	2	B4	T	
4L13A	642 300 000		4	11	200		14	2.5		100		B4	T	
4L14	642 300 000		4		200		10	2.2		No Data Available		B4	T	
4L15	642 300 000		4		100			2.2		100	2.2	B4	T	
4L16	642 300 000		4	8	150		100	2.2		100	2.0	B4	T	
4L20	642 300 000		2		100			1.4		100	1.4	B4	T	
4L28	642 300 000		4	4	150		10.5	4		100	3	B4	T	
4L29	642 300 000		4	8	150		20	3.6		100		B4	T	
4LMBT	642 310 000		4	1	200		3.4	2.6		100	2	B5	T	
4MBT	642 310 000		4	1	200		3.4	2.6		100	2.5	B5	T	
4MP12	412 365 400		4	6	200	175	25	5.5		100	100	B7G	P	
4N08	642 300 000		4		100		8	1.2		100	1.2	B4	T	
4N100	642 310 000		4		150			3.5		100	3	B5	T	
4N110	642 310 000		4		200		5	1.5		100	1.3	B5	T	
4NG	892 300 000		4				30			REC	15mA	B4	RR	
4P25	642 300 000	G2	4	19	250	150	12	1.3		100	100	B4	P	
4R-HH2	741 236 410		4.2	1	90		8.5	8		80	8	B9A	TT	
4R-HH8	641 237 410		4.2	1	100		16	16		No Data Available		B9A	TT	
4R-HH9	641 237 410		4.2		90		16	16		No Data Available		B9A	TT	
4S	289 130 000		2.5							D		UX5	DD	
4S09	542 300 000	A1	4	1	200	100	4.5	0.9		100		B4	P	
4S120	542 310 000	A1	4	2	200	60	4	0.5		100	100	B5	P	
4S121	542 310 000	A1	4		200	100	6	1		100	100	B5	P	
4S126	542 310 000	A1	4	2	200	100	3	2		100	100	B5	P	
4T1	642 314 600		4.7	2.3	80		16	6.6		75		B7G	T	
4THA	645 231 700	G1	4	2	100		1.5	1.5		80	80	1.5	B7	TH
					250	100	3.5	2.5		100	100	2.2		

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYP
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
5B/110M	265 104 130		6	6	250	150	33	6.5	100	100	5	B3B	P
5B/250A	254 130 000	A1	6	12.5	400	230	83	6.3	100	150	6	UX5	P
5B/251M	215 044 130	A1	6	15	250	250	72	6	100	100	5	B3B	P
5B/252M	265 044 130		6	15	250	250	72	6	100	100	5	B3B	P
5B/253M	265 044 130		19	15	250	250	72	6	100	100	5	B3B	P
5B/254M	215 144 130	A1	6	20	300	250	50	5.6	100	100	5	B3B	P
5B/255M	265 144 130		6	20	300	250	50	5.6	100	100	5	B3B	P
5B/256M	215 144 130	A1	19	20	300	250	50	5.6	100	100	5	B3B	P
5B/257M	265 144 130		12	20	300	250	50	5.6	100	100	5	B3B	P
5B/259M	215 144 130	A1	19	14	250	230	72	6	No Data Available			B3B	P
5B/260D	*26 541 310		6.3	60	400	300	100	6.3	No Data Available			AO8	P
5C/354D	*36 541 210		6.3	20	300	150	93	10	No Data Available			AO8	P
5B/355D	*36 541 210		6.3	20	300	150	93	10	No Data Available			AO8	P
5BC3	2*3 *9* **8		5				120		REC		40mA	B3D	RR
5BE8	461 237 514		4	{ 1	150		18	8.5	100	60	7	} B9A	TP
				{ 1	250	100	10	5.2	150	100	5		
5BK7A	741 236 411		5	2	150		10.7	9.3	100		9	B9A	TT
5BQ7A	741 236 410		5.6	2	150		9	6.4	100		5	B3A	TT
5BR8	461 237 514		5	{ 1	150		18	8.5	100	60	8	} B9A	TP
				{ 0.9	250	100	10	5.2	100	100			
5BS8	641 237 410		5.6		150		10	7.2	100			B9A	TT
5BT8	931 236 541		4.7	2.2	200	150	9.5	6.2	100	100		B9A	DDP
5BW8	918 234 156		4.7	1.1	250	100	10	5.2	100	100		B9A	DDP
5BX7	641 237 410		5.6		150		10	6.8	100		6.8	B9A	TT
5BZ7	741 236 410		5.6	2.2	150		10	6.8	100		6	B9A	TT
5CG4	030 809 020		5				60		REC		20mA	AO8	RR
5CG8	461 237 514		4.7	{ 0.9	100		3.5	5.8	100	60	5.8	} B7G	TP
				{ 1.9	250	150	7.7	4.6	100	100			
5CL8	461 237 514		4.7	{ 0.9	150		15	8	100		0.8	} B9A	TP
				{ 1	150	125	12	5.8	100	100	5.5		
5CM6	504 234 106		4.7	12.5	250	250	45	4.1	100	100	4	B9A	P
5CM8	641 237 514		4.7	{ 2	250		1.8	2	100	60		} B9A	TP
				{ 2.2	200	150	9.5	6.2	100	100			
5CQ8	645 237 114		4.2	{ 0.8	150	125	15	8	100		8	} B7G	TP
				{ 1	150		12	5.8	125	125	9.5		
5CR8	641 237 514		4.7	{ 2	125		12	4	100	60	4	} B9A	TP
					125	125	13	7.7	100	100	7		
5CU4	120 809 030		5				180		REC		60mA	AO8	RR
5CZ5	504 234 1*6		45	6.7	100	100	43	9	100	100		B9A	P
5DH8	461 237 514		5.2	{ 2.5	250		7	4.4	100	60	4	} B9A	TP
				{ 1	150	125	13	8.6	125	125	8.6		
5DJ4	228 899 330		5.0				120		REC		40mA	AO8	RR
5DN4	228 899 330		5				120		REC		40mA	AO8	RR
5E255	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
5E415	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
5EA8	645 237 114		4.7	{ 1	150		18	8.5	100		8.5	} B9A	TP
				{ 1	150	125	12	6.4	100	100	6.4		
5EH8	146 231 457		4.7	{ 1	150		13.5	7.5	100	60		} B9A	TP
				{ 1	150	125	12	6	100	100			
5ES8	641 237 410		5.6	1.2	90		15	12.5	100			B9A	TT
5EU8	746 231 415		4.7	{ 1	150		18	8.5	100	60		} B9A	TP
				{ 1	150	125	12	6.4	100	100			
5EW6	412 365 100		5.6	0.8	150	125	11	14	No Data Available			B7G	P

TYPE	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		
	5FC7	146 234 117		5.1	1.2	100		15	12.3	No Data Available			B9A	TT
	5FG7	461 237 514		4.7	{ 1	150		13	7.5	100	60	7	} B9A	TP
					{ 1	150	125	11	6	100	100	6		
	5FV8	461 237 514		4.7	{ 1	150		14	8	100	60	8	} B9A	TP
					{ 1	150	125	12	6.5	100	100	6.5		
	5GK18	020 809 030		5						REC			A08	RR
	5GK20	030 809 020		5				120		REC		40mA	A08	RR
	5GK22	030 809 020		5						REC			A08	RR
	5GK24	030 809 020		5				120		REC		30mA	A08	RR
	5GH8	645 237 114		4.7	{ 1	150		13	8.5	100	60		} B9A	TP
					{ 1	150	125	12	7.5	100	100			
	5GM6	412 365 000		5.6	56	150	150	14	13	No Data Available			B7G	P
	5GX6	412 365 100		4.7		150	100	3.7	3.7	100	100		B7G	P
	5GX7	141 236 574		5.6	{ 1	125		13	8.5	100			} B9A	TP
					{ 1	125	125	8	11	100	100	9.4		
	Ø5J6	672 344 100		5	{ 0.8	100		8.5	5.3	100		5.3	} B7G	TT
					{ 3	150		5	4.5	100		5.3		
	5KE8	645 237 114		5.6	{ 1	125		13	8	100			} B9A	TP
					{ 0.4	125	125	10	12	100	100	9.5		
	5MK9	002 380 000		5				60		REC		20mA	B7G	R
	5MHH3	672 344 100		4.7	1	100		11	7.5	100		7.5	B7G	TT
	5M-HH3	142 360 100		4.7	1	100		11	7.5	100		7.5	B7G	T
	5P29	120 540 310	A1	6	.7	250	250	100	14.3	No Data Available			A08	P
	5Q5	036 540 320		1.4	4.6	50	50	4.5	2	80	75	2	A08	P
	5R4	020 809 030		5(5.7)				60		REC		25mA	A08	RR
	5R4GY	020 809 030		5(5.7)				60		REC		20mA	A08	RR
	5R-DDH1	911 238 641		4.7	2	250		1.6	1.6	100		1.6	B9A	DDT
	5RHH5	641 227 413		4.6	1	100		0.6	0.3	100		0.3	B9A	TT
	5RK16	800 230 050		5				120		REC		30mA	B9A	RR
	5T4	020 809 030		5				120		REC		30mA	A08	RR
	5T4A	041 231 500	A1	4	4.5	250	150	4.5	1.7	100	100		B7	P
	5T8	191 238 146		5	3	250		1.0	1.2	150		1.3	B9A	DDDT
	5U4	020 809 030		5(5.7)				120		REC		70mA	A08	RR
	5U8	645 237 114		5	{ 1	150		18	8.5	100	60	7	} B9A	TP
					{ 1	250	100	10	5.2	100	100	5		
	5V3	020 809 030		5				120		REC		30mA	A08	RR
	5V4	030 809 020		5(5.7)				60		REC		60mA	A08	RR
	5V6	026 540 310		4.7	12.5	250	250	45	4.1	100	150	4	A08	P
	5W4	020 809 030		5				60		REC		20mA	A08	RR
	5X3	289 300 000		5				15		REC		10mA	A08	RR
	5X4	008 090 230		5				120		REC		30mA	A08	RR
	5X8	146 231 457		5	{ 1	100		8.5	5.8	100	60	5	} B9A	TP
					{ 1.8	250	150	7.7	4.6	100	150	4		
	5Y3GB	030 809 020		5(5.7)				60		REC		20mA	A08	RR
	5Y3GR	020 809 030		5(5.7)				60		REC		20mA	A08	RR
	5Y3GT	020 809 030		5(5.7)				60		REC		20mA	A08	RR
	5Y4	008 090 230		5				60		REC		30mA	A08	RR
	5Y4SG	008 090 230		5				60		REC		20mA	A08	RR
	5Z3	289 300 000		5(5.7)				120		REC		30mA	UX4	RR
	5Z4	030 809 020		5(5.7)				60		REC		40mA	A08	RR
	5Z4G	030 809 020		5(5.7)				60		REC		40mA	A08	RR
	5Z10	020 908 030		5				120		REC		30mA	B8A	RR
	6/30L2	741 236 410		6.3	7.9	200		10	3.4	100	100	3	B9A	TT
	6A3	264 300 000		6	36	250		60	5.25	100		5	UX4	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	T
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6A4	264 530 000		6	9	150	150	14	1.9	100	100	1.9	UX5	P
6A5	026 040 310		6	45	250		60	5.25	100		5	AO8	TT
6A6	274 146 300		6	5	250		3.0	1.6	100		3.1	UX7	TT
6A7	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sm7	H
6A7E	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sm7	H
6A7S	265 541 300	G1	6	8	250	100	3.5	1.1	100	100	1.1	Sm7	H
6A8GT	026 545 310	G1	6	8	250	100	3.5	1.1	100	100	1.1	AO8	H
6A10C	026 541 340		6		250	100	3.5		100	100		AO8	H
6AB4	602 304 100		6	2	250		10	5.5	100		5.5	B7G	T
6AB7	021 415 360		6	3	300	200	12.5	5	100	150	5	AO8	P
6AB8	641 237 154		6	2	100		4	1.4	100	60	1.4	B9A	TP
6AC5	026 040 310		6	8	200	200	17.5	3.5	100	150	3.5		
6AC6	026 740 310		6	0	250		2.5		No Data Available			AO8	T
6AC7	021 415 360		6		200		45	2	100		2	AO8	TT
6AD4	402 013 080		6	2	300	150	10	9	100	100	8	AO8	P
6AD5	026 040 310		6	11.5	100		1.4	2	100		2	B8B	T
6AD7	427 546 310		6	1	250		0.9	1.5	200		1.5	AO8	T
6AD8	541 236 801		6	25	250		4	0.3	100	60	0.3	AO8	TP
6AE4	026 040 310		6	16.5	250	250	34	2.5	100	150	2.5		
6AE6	026 740 310		6	2.0	250	90	6.7	1.1	100	90		B9A	DD
6AE7	026 414 310		6	15	100		7	1.2	80		1.2	AO8	T
6AE8	541 237 46*		6	1.5	250		6.5	1	200		1	AO8	TT
6AF3	*** 23* **8	C	6	13.5	250		10	3	100		3	AO3	TT
6AF4	642 314 600		6	2	100	90	5.2	2.2	100	60	2.8	B9A	TH
6AF1A	642 314 600		6	2	250	90	3.5		150	90			
6AF5	026 040 310		6		100		120		REC		40mA	B9A	R
6AG5	412 365 100		6	4	100		15	6.6	80		6	B7G	T
6AG6	026 540 310		6		100		20	7.5	100		7.5	B7G	T
6AG7	120 415 360		6	18	200		7	1.5	100		1.5	AO8	T
6AH4	420 060 310		6	1.5	250	150	6.5	5	100	100	5	B7G	P
6AH5	520 604 310		6	6	250	250	32	10	100	150	9	AO8	P
6AH6	412 365 100		6	3	300	150	10	9	100	100	8	B7G	P
6AH7	417 146 230		6.3	9	250		12	2.4	100		2.2	AO8	TT
6AJ4	414 464 234		6		125		8	7	100		10	B9A	T
6AJ5	412 365 100		6	2	200	175	2.9	2.7	100	75		B7G	P
6AJ7	020 415 360		6	7.5	300	150	10	9	150	150	7.5	AO8	P
6AJ8	541 237 164		6	3	100		5	2.3	100	60	2.3	B9A	TH
6AK4	402 013 060		6	2	250	100	6.5	2.4	150	100	2.4		
6AK5	412 365 100		6	2.5	250		9.5	3.8	100		3	B8D	T
6AK6	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
6AK7	120 415 360		6	9	200	175	15	2.3	100	100	2.3	B7G	P
6AK8	191 238 146		6	3	300	150	30	11	100	100	9	AO3	P
6AL3	*** 23* **8	C	6	3	250		1.0	1.2	100		1.3	B9A	DD
6AL5 in Recd.	192 310 800		6						D			B9A	D
6AL6	020 540 310	A1	6						D		6.0	B7G	DD
6AM4	414 464 234		6	14	250	250	72	6	100	150	6	AO8	P
6AM5	412 360 500		6	1	200		10	9.8	100		6	B9A	T

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
	6AM6	412 361 500		6	{ 2 1.5	250	250	10	7.5	100	150	5	} B7G	P	
	6AM8	145 236 181		6		200	150	4	6.4	100	150	5		B9A	DP
	6AN4	642 314 600		6		1.7	200	150	11.5	7	100	150		7	B7G
	6AN5	412 365 100		6	6	150	125	35	8	100	100	7	B7G	P	
	6AN6	289 111 300		6		D							B7G	DDDD	
	6AN7	541 230 764		6	{ 2 2 6	100	100	5	2	100	60	2.8	} B9A	TP	
	6AN8	641 237 541		6		250	100	3	0.7	100	100	3		B9A	TP
	6AN8A	641 237 541		6		200	150	13	3.3	100	60	3		B9A	TP
	6AN8A	641 237 541		6	{ 6 2.2	200	150	13	3.3	100	60	3	} B9A	TP	
	6AN8A	641 237 541		6		200	150	9.5	6.2	100	100	6		B9A	TP
	6AQ4	412 314 600		6	2	250		6	8.5	200		8	B7G	T	
	6AQ5	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P	
	6AQ5A	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P	
	6AQ6	412 398 600		6	3	250		1.0	1.2	150		1.2	B7G	DDT	
	6AQ7	918 461 230		6	2	250		2.3	1.6	100		1.6	AO8	DDT	
	6AQ8	741 236 410		6	2.3	250		10	5.5	100		5	B9A	TT	
	6AR5	412 365 090		6	16	250	250	34	2.4	100	150	2.4	E7G	P	
	6AR6	106 052 430		6	36	300	300	58	4.3	100	150	4.3	AO8	P	
	6AR7	461 891 230		6	2	250		1.3	1	200		1	AO8	DDT	
	6AR7GT	206 598 130	G1	6	2	250	100	7	2.5	100	100	2.5	AO8	DDP	
	6AR8	115 324 166		6	3	250	250	10	4	100	100		B9A	P	
	6AS4	001 080 230		6						REC			AO8	R	
	6AS5	142 345 600		6	8.5	150	125	35	5.6	100	100	5	B7G	P	
	6AS6	412 365 100		6	2	150	125	5.5	3.5	100	100	3.5	B7G	P	
	6AS7	471 461 230		6	40	100		50	7	100			AO8	TT	
	6AS8	541 236 116		6	2.2	200	150	9.5	6.2	100	150	6	B9A	DP	
	6AT6	412 389 600		6	3	250		1	1.2	100		1.2	B7G	DDT	
	6AT7	641 237 410		6	{ 2 1 1	250		10	5.5	100	60	5	} B9A	TT	
	6AT8	461 237 514		6		100		3.7	4	100		4		B9A	TP
	6AT8A	461 237 514		6		100		8.5	5.8	100	60	5.8		B9A	TP
	6AT8A	461 237 514		6	{ 1.8 1	250	150	7.7	4.6	100	150	4	} B9A	TP	
	6AU4	001 080 230		6		250	150	8.5	5.8	100	60	5.8		B9A	TP
	6AU5	421 060 350		6	1.8	250	150	7.7	4.6	100	100	4	B9A	TP	
	6AU6	412 365 100		6				120		REC		40mA	AO8	R	
	6AU6A	412 365 100		6				50	5.5	80	60	6	AO8	P	
	6AU7	641 227 413		3	8.5	250		10	2.2	100		2	B9A	TT	
	6AU8	146 213 457		6	{ 1.2 1.5 1.2	150		8.5	4.8	100	60	5	} B9A	TP	
	6AU8A	146 231 457		6		200	125	15	7	100	100	7		B9A	TP
	6AU8A	146 231 457		6		150	125	8.5	4.9	100	60	5		B9A	TP
	6AV4	802 309 100		6				30		REC		15mA	B7G	RR	
	6AV5	421 060 350		6	22.5	250	150	57	5.9	100	100	5.8	AO8	P	
	6AV6	412 389 600		6	2	250		1.2	1.6	100		1.2	B7G	DDT	
	6AV8	464 231 751		6	{ 6 2.2	200		13	3.3	100	60	3	} B9A	TP	
	6AW4	289 130 000		6		200	150	9.5	6.2	100	150	6		UX5	RR
	6AW5	208 190 310		6				30		REC		15mA	AO8	RR	
	6AW6	412 365 100		6	1.8	250	150	7	5	100	150	5	B7G	P	
	6AW7	149 816 230		6	0	100		1.4	1.2	100		1.2	AO8	DDT	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
6AW8	148 231 457		6	{ 2 3	200 200		4 13	4 9	100 100	60 100	4 9	} B9A	TP
6AX2	23* 232 *32	D1	6			150	120		REC		30mA		B9A
6AX4	001 080 230		6				120		REC		35mA	AO8	R
6AX5	029 080 310		6				50		REC		20mA	AO8	RR
6AX6	028 190 310		6				120		REC		30mA	AO8	RR
6AX7	641 227 413		3	{ 2	250		1.2	1.6	100		1.2	B9A	TT
6AX8	645 237 114		6	{ 1 1.2	150 250		18 10	8.5 4.8	100 100	60 100	8	} B9A	TP
6AY3B	*8* 23* 8*1		6.3				120		REC		60mA		B9D
6AY5	023 540 310	A1	6	12.5	250	250	47	4.1	100	150	4	AO8	P
6AY8	026 589 310	G1	6	5	250	100	52	9.5	100	90	9	AO8	DDP
6AZ5	810 230 190		6						D			B3A	DD
6AZ6	083 113 900		6						D			B8A	DD
6AZ8	751 324 164		6	{ 6 2.3	200 200	150	13 9.5	3.3 6	100 100	60 100	3 6	} B9A	TP
6B3	080 230 808	C	6						D				B9A
6B4	026 040 300		6	45	250		60	5.2	100		5	AO8	T
6B6	026 890 310	G1	6	2	250		0.9	1.1	100		1.1	AO8	DDT
6B7	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7	DDP
6B7E	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7	DDP
6B7S	265 891 300	G1	6	3	250	150	9	1.1	100	100	1.1	Sm7	DDP
6B8	026 985 310	G1	6	3	250	150	10	1.3	100	100	1.3	AO8	DDP
6B11	276 454 130		6	{ 3	100 150	125	5 5	2.3	100 100	60 100	2.3	} B9A	TH
6B31	821 013 900		6.3						D				B7G
6B32	182 311 900		6.3				5		D			B7G	DD
6BA3	*8* 23* 8*1		6.3				180		REC		35mA	B9A	R
6BA5	402 063 510		6	2	100	100	5.5	2.1	100	100	2	B8A	P
6BA6	412 365 100		6	1	250	100	11	4.4	100	100	4.4	B7G	P
6BA7	641 231 106		6	2	100		18	7.0	100		7	B9A	H
6BA8	146 231 457		6	{ 8 2.5	200 200	150	8 13	2.7 9	100 100	60 100	5 9	} B9A	TP
6BA8A	146 231 457		6	{ 8 2.5	200 200	150	8 13	2.7 9	100 100	60 100	2.5		B9A
6BC4	644 231 446		6	1.5	150		14.5	10	100		10.0	B8A	T
6BC5	412 365 100		6	1.3	250	150	7.5	5.7	100	150	5.7	B7G	P
6BC7	180 239 111		6				5		D			B9A	DDD
6BC8	741 236 410		6	2.2	150		10.0	6.2	150		5	B9A	TT
6BC32	412 389 600		6.3	2	250		1	1.6	100		1.2	B7G	DDT
6BD5	421 060 350		6	12	200	200		5	100	100	5	AO8	P
6BD6	412 354 100		6	3	250	100	9	2	100	100	2	B7G	P
6BD7	641 238 09*		6	3.0	250		1.0	1.2	150		1.2	B9A	DDT
6BD7A	641 238 09*		6.3	3	250		1	1.2	150		1.2	B9A	DDT
6BE6	412 366 400		6	6	150		7.5	3.5	100			B7G	H
6BE7	541 236 114		6	1	250	20	0.95	0.7	No Data Available			B9A	N
6BE8	461 237 514		6	{ 1 1	150 250	100	18 10	8.5 5.2	100	60 100	8	} B9A	TP
6BF5	412 365 400		6	7.5	100	100	36	7.5	100	90	7		B7G
6BF6	412 398 600		6	9	250		9.5	1.9	100		1.9	B7G	DDT
6BF7	642 113 470		6	0.8	100		8	4.8	100		4.8	B8D	TT
6BG6	021 040 350	A1	6	15	250	250	75	6	No Data Available			AO8	P

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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		
6BG7	742 113 460		6	0.8	100		8	4.8	100		4.8	B9A	TT
6BH3	*8* 23* 8*1		6.3				180		REC		50mA	B9D	R
6BH5	541 236 000		6	2.5	250	100	6	1.7	150	100	1.7	B9A	P
6BH6	412 365 100		6	1	250	150	7.4	4.6	100	100	3.4	B7G	P
6BH8	146 321 457		6	5	150		9.5	3.3	100	60		B9A	TP
6BJ5	412 36* 500		6	1.6	200	125	15	7	100	100		B7G	P
6BJ6	412 365 100		6	5	250	250	35	10.5	100	150	10	B7G	P
6BJ7	110 239 181		6	1	250	100	9.2	3.6	100	100	3.6	B7G	P
6BJ7	110 239 181		6						D			B9A	DDD
6BJ8	811 239 641		6	9	250		8	2.8	100			B9A	DDT
6BK5	604 231 450		6	5	250	250	35	8.5	100	150	8	B9A	P
6BK6	412 389 600		6	2	250		1.2	1.6	100		1.6	B7G	DDT
6BK7	741 236 410		6	1.0	100		9	6.1	100		6.0	B9A	TT
6BK7A	741 236 410		6	2	150		10.7	9	100		9	B9A	TT
6BK8	501 236 014		6		150	150	3	1.8	100	100		B9A	P
6BL4	**1 *8* 230		6				180		REC		40mA	AO8	R
6BL7	471 461 230		6	3	250		40	7	100		6	AO8	TT
6BL8	645 237 114		6	2	100		14	5	100	60	5	B9A	TP
6BM5	412 365 400		6	2	200	175	10	6.2	100	150	6	B9A	P
6BM8	414 237 516		6	6	250	250	30	7	No Data Available			B9A	P
6BN4	142 361 400		6	1	200		3.7	2.5	100	60	2.5	B9A	TP
6BN5	441 231 615		6	16	200	200	35	6.4	100	100	6	B7G	T
6BN6	142 354 600		6	2.2	150		9	7	100		7	B9A	P
6BN7	741 231 406		6	10.8	250	225	25	3.2	100	150	3.2	B9A	P
6BN8	811 239 641		6	1	60	60	0.5	1.0	80	60	1	B7G	P
6BP16	260 153 041		6	15	250		24	5.5	No Data Available			B9A	TT
6BQ5	*41 23* 6*5		6	1	125		5	2				B9A	DDT
6BQ6	020 540 310	A1	6	3	250		1.6	2.5	100		3.5	B9A	DDT
6BQ7	741 236 410		6.3		150	150	50	26	No Data Available			B9A	P
6BQ7A	741 236 410		6.3	7.3	250	250	48	11.3	100	150	10	B9A	P
6BR7	041 230 651		6		250		57	5.9	100	100	5	AO8	P
6BR8	461 237 514		6	2	150		9	6	150		6	B9A	TT
6BS3	*8* 23* 8*1		6	2	150		9	6	100		5	B9A	TT
6BS4	642 314 600		6	3	250	100	2	1.2	100	100	1.2	B9A	P
6BS5	541 236 **1		6	2	150		9	6	100		5	B9A	TT
6BS7	001 230 651	G1	6	3	250	100	2	1.2	100	100	1.2	B9A	P
6BS8	641 237 410		6	1	250	100	2	1.2	100	100	1.2	B9A	P
6BT4	280 009 130		6	0.8	250	100	10	5.2	100	100		B9A	TP
6BT6	412 389 600		6		100	60	2.2	1.5	100	60		B9A	PP
6BT8	891 236 541		6	5	250	250	38	10	100	150	10	B9A	DDP
6BU6	412 389 600		6	3.7	200		11	5.6	100			B9A	DDT
6BU8	157 231 461		6		200		30		REC		15mA	B8A	RR
6BV7	865 239 141		6	2.2	150		1	1.2	150		1.2	B7G	DDT
6BV8	146 239 118		6	2.2	200	150	9.5	6.2	100	100		B9A	DDP
6BW4	800 230 901		6	9	150		9.5	1.9	100		1.9	B7G	DDT
6BW6	*41 230 651		6		100	60	2.2	1.5	100	60		B9A	PP
6BW7	141 230 651		6		100	60	2.2	1.5	100	60		B9A	PP
6BW8	918 234 156		6.3		100	60	2.2	1.5	100	60		B9A	PP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 180					DATA FOR AVO VALVE TESTER			BASE	TYI	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
6BX4	802 309 100		6				30			REC			B7G	RR
6BX6	141 230 651		6	3	200	200	8	7.2	100	100	7		B9A	P
6BX7	471 461 230		6	16.4	250		42	7.6	100		6		AO8	TT
6BX8	641 237 410		6	5	150		11	7.5	125		7		B9A	TT
6BY5	120 980 310		6				60		REC		20mA		AO8	RR
6BY6	412 365 400		6	2.5	250	100	8.5	2.4	100	100	2		B7G	H
6BY7	141 230 651		6	2	250	100	10	6	150	10	5		B9A	P
6BY8	411 238 651		6.3	1.1	100	100	5	3.9	100	150	10		B9A	DP
6BZ6	412 365 100		6	1	100	125	14	8	125	125	7		B7G	P
6BZ7	741 236 410		6	2.2	150		10	6.8	100		6		B9A	TT
6BZ8	641 237 410		6	1	150		10	8	125		8		B9A	TT
6C2C	026 447 300		6.3	8	250		9	2.6	100				AO8	TT
6C3M	026 040 300		2	2.5	150		1.5	1.3	100		1.3		AO8	T
6C4	602 364 100		6	8.5	250		10.5	2.2	100		3		B7G	T
6C4C	026 040 300		6.3		250		60	5.2	100				AO8	T
6C5	026 040 310		6	8	250		8	2	100		2		AO8	T
6C6	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2		UX6	P
6C7	260 891 300	G1	6	9	250		4.5	1.2	100		1.2		Sm7	DDT
6C8	026 147 310	G1	6	4.5	250		3.2	1.6	100		1.6		AO8	TT
6C9	276 454 130		6	2.5	100		5	3	100	60	3		B8A	TH
				2.5	150	100	8	2.5	100	100	2.5		B8A	TH
6C10	276 454 130		6	2	100		5	2.2	100	60	2.8		B8A	TH
				2	250	100	8	2.4	100	100	3.5		B8A	TH
6C12	541 237 164		6.3	3	100		3	2	100	60	3		B9A	TH
				2	250	100	6.5	2.4	100	100	2.4		B9A	TH
6C16	645 237 114		6	2	100		14	5	100	60			B9A	TP
				2	200	175	10	6.2	100	100			B9A	TP
6C31	027 546 310	G1	6	4	100		7	3.4	100	60	5		AO8	TH
				3	250	100	5	2.8	100	100	3.1		AO8	TH
6C31	412 344 600		6.3	15	150			12	No Data Available				B7G	T
6CA4	8*1 23* 9**		6				60		REC		20mA		B9A	RR
6CA5	142 345 600		6	4.5	150	125	36	9.2	125	125	9.2		B7G	P
6CA7	126 540 310		6	14.5	250	250	57	8.5	100	100	9		AO8	P
6CB5	521 441 350	A	6.3	30	175	175	90	8.8					AO8	P
6CB6	412 365 100		6	1	150	125	13	8	100	150	6		B7G	P
6CB6A	412 365 100		6.3	2	200	150	9.5	6.2	100	100			B7G	P
6CC10	461 471 230		6.3	9	250		6.5	2.2	100		3		B8A	TT
6CC31	672 344 100		6.3		200		6	3	100		4		B7G	TT
6CC40	641 237 410		6.3	8.5	250		10.5	2.2	100		3		B9A	TT
6CC41	741 236 410		6.3	1.5	250		2.3	2	100				B9A	TT
6CC42	214 607 413		6.3	2	150		8	5.2	100		5.5		B9A	TT
6CC43	641 237 410		6.3	2.3	250		10	5.9	100				B9A	TT
6CD6	021 040 350	A1	6	30	200	175	75	7.7	100	100	7		AO8	P
6CD6G	021 040 350		6.3	30	200	150	64	6.7	100	100	9		AO8	P
6CE5	412 365 100		6	1	200	125	11	7.6	125	125	7.6		B7G	P
6CF5	402 365 100		6.3		150	125	11	7.6	100	100			B7G	P
6CF6	412 365 100		6	1	200	125	12	7.8	100	150	6		B7G	P
6CF8	501 236 014		6	2	250	150	3	1.85	100	100			B9A	P
6CG6	412 365 100		6	8	250	150	9	2	100	100			B7G	P
6CG7	641 237 410		6	8	250		9	2.6	100		3		B9A	TT
6CG8	461 237 514		6	2	100		8.5	5.8	100	60	5.9		B9A	TP
				2	250	150	7.7	4.6	100	150	4		B9A	TP

TYPE	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				
RR	6CG8A	461 237 514		6	{	100		8.5	5.8	100	60	}	B9A	TP		
P	6CH3	080 230 801		6.3		250	150	7.7	4.6	100	100		B9A	R		
TT	6CH6	041 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P		
TT	6CH7	741 236 410		6	2.2	150		10	6.8	150		6.8	B9A	TT		
RR	6CH8	175 321 446		6	{	2	200		13	3.3	100	60	}	B9A	TP	
H	6CH40	541 237 464		6.3		2.2	200	150	9.5	6.3	100	150		5	B9A	TH
						2	100	4.5		100	60					
						250	100	10	3.2	100	100		B9A	TH		
DP	6CJ5	260 054 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P		
P	6CJ6	041 230 051	A1	6		200	200	45	6.2	No Data Available			B9A	P		
TT	6CK4	424 060 310		6	28	250		40	5.5	No Data Available			AO8	T		
TT	6CK5	261 054 130		6	7	250	250	36	10	100	150	8	B8A	P		
TT	6CK6	541 231 600		6	5.5	250	250	36	10	100	150	9	B9A	P		
T	6CL5	521 441 350	A1	6.3	40	150	150	80	6.3	100	100		AO8	P		
T	6CL6	145 236 154		6	3	250	150	30	11	No Data Available			B9A	P		
T	6CL8	461 237 514		6	{	0.8	150		15	8	100	60	8	}	B9A	TP
P	6CL8A	461 237 514		6		1.0	150	125	12	5.8	100	100	5		B9A	TP
DDT	6CM4	641 234 146		6	{	0.8	150		15	8	100	60	8	}	B9A	TP
TT	6CM6	504 234 106		6		1	150	125	12	5.8	100	100	5		B9A	T
TH	6CM7	701 236 441		6	12.5	250	250	45	4.1	No Data Available			E9A	T		
TH	6CM8	641 237 514		6	{	7	200		5	2	100	60	2.8	}	B9A	P
TH	6CN5	026 540 310		6.3		8	250		20	4.4	100	100	4.7		B9A	TT
TP	6CN6	120 540 310		6	2	250	150	9.5	2	100	60		B9A	TP		
						200	150	9.5	6.2	100	100		B9A	TP		
						350	250	66	5.2	No Data Available			AO8	P		
						250	250	100	14.3	100	150	10	AO8	P		
TP	6CN7	981 331 462		3	3	250		1	1.2	100		1.3	B7G	DDT		
TH	6CQ4	**1 080 230		6.3				180		REC		30mA	AO8	R		
T	6CQ6	412 361 500		6	2.5	250	200	8	2.5	100	150	2.5	B7G	P		
RR	6CQ8	645 237 114		6	{	0.8	150		15	8	100		8	}	B9A	TP
						1	150	125	12	5.8	125	125	5.8		B9A	TP
						0.8	150		15	8	100	60	8			
						1	150	125	12	5.8	125	125	5.8	B9A	TP	
P	6CR4	414 464 234		6.3	1	150		16	6	No Data Available			B9A	T		
P	6CR5	154 231 541	A1	6.3	22.5	250	150	65	6	100	100		B9A	P		
P	6CR6	182 365 400		6	2	250	100	9.5	2	250	100	1.9	B7G	DT		
TT	6CR8	641 237 514		6	{	2	150		12	4	100	60	4	}	B9A	TP
TT	6CS5	514 234 1*6		6		10	200	125	47	8	100	100			B9A	P
TT	6CS6	412 365 100		6	1	100	30	1	1.1	No Data Available			B7G	H		
TT	6CS7	604 237 411		6	{	8.5	250		10.5	2.2	100		2	}	B9A	TT
P	6CS8	641 237 514		6		10.6	250		19	4.5	100		4		B9A	TP
P	6CT7	268 154 130		6	{	2	150		12	4	100	60	4	}	B9A	TP
P	6CU5	142 345 600		6		0.9	150	125	13	7.7	100	100	7		B9A	TP
P	6CU6	020 540 310	A1	6	{	2	250	100	8	2	100	100	3.5	}	B8A	TH
P	6CU7	276 454 130		6		2	100		5	2.2	100	60	2.8		B8A	TH
TT	6CU8	175 231 446		6	{	2	250	100	8	2	100	100	3.5	}	B9A	TP
TP	6CV7	264 089 130		6		6	200		13	3.3	100	60	3		B9A	TP
						2.2	200	150	9.5	6.2	100	150	6			
						3	250		1	1.3	150		1.3	B8A	DDT	
	6CW5	*41 23* 6*5		6	12.5	200	175	70	10	100	100	9	B9A	P		

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 150					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6CW7	147 234 116		6	1.5	90		12	6	100		6	B9A	TT
6CX7	641 237 411		6	2	150		9	6.4	100		6	B9A	TT
6CX8	146 231 457		6	{ 1.5	150		9	4.6	100	60	4.6	} B9A	TP
6CY5	412 365 100		6	{ 2	200	125	24	10	100	100			
6CY7	714 235 411		6	{ 1	150	75	10	8	100	80		} B7G	P
				{ 3	250		1.2	1.3	100		1.5	} B9A	TT
				{ 18.5	150		30	5.4	100				
6CZ5	504 234 1*6		6	14	250	250	46	4.8	100	100		B9A	P
6D1	123 000 000	D1	6						D			B3G	D
6D2	192 310 300		6						D			B7G	RR
6D3	312 380 000		6						D			B7G	R
6D5	026 040 310		6	40	300		31	2.1	100		2.1	AO8	T
6D6	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	Sm7	P
6D7	265 101 300		6	3	250	100	2	12.2	100	100		AO8	P
6D8	027 546 310	G1	6	{ 3	150		4.2		100	60		} AO8	H
				{ 3	250	100	3.5		150	100			
6DA4	**1 080 230		6				120		REC		30mA	AO8	R
6DA6	041 230 651		6	2	250	100	9	3.6	100	100	3.6	B9A	P
6DA7	604 237 411		6	{ 8	250		9	2.6	100			} B9A	TT
				{ 17.5	150		40	5.7	100				
6DB5	514 234 1*6		6	9.6	200	125	46	8	100	100		B9A	P
6DB6	412 365 100		6	1	150	150	5.8	2	100	100		B7G	P
6DC6	412 365 100		6	2.2	200	150	9.5	5.5	150	100	5	B7G	P
6DC3	541 236 891		6	2	250	100	9	3.8	100	100		B9A	DDP
6DDHV1	145 237 864		6	{ 2	250		90	1.6	100	50		} B9A	DTP
				{ 1	250	100	9	3.5	100	100			
6DE4	001 080 230		6				120		REC		30mA	AO8	R
6DE6	412 365 100		6	1.1	150	125	16	8	100	100	8	B7G	P
6DE7	744 236 411		6	{ 17.5	150		32	6.5	100			} B9A	TT
				{ 11	250		5.5	2	100				
6DG6	026 540 310		6	7.5	200	125	47	8	100	150		AO8	P
6DG7	041 230 651		6	20	250	100	11	4.4	100	100	5	B9A	P
6DJ8	641 237 411		6	1.3	90		15	12.5	No Data Available			B9A	TT
6DK6	412 365 100		6	0.9	150	125	12	9.8	100	100	9.5	B7G	P
6DL4	414 234 464		6		150		12.5	14	No Data Available			B9A	T
6DL5	412 365 400		6	7.3	250	225	26	5.5	100	100		B7G	P
6DM4	001 080 230		6				180		REC		35	AO8	R
6DN6	021 040 350	A1	6	18	200	125	70	9	100	100		AO8	P
6DN7	461 471 230		6	9.5	250		34	7.4	100			AO8	TT
6DQ5	421 541 350	A1	6	17.5	150	100	10.5		No Data Available			AO8	P
6DQ6	020 540 310	A1	6	22.5	250	150	75	6.6	125	100		AO8	P
6DQ8	461 237 141		6.3	{ 1.7	200		3	11	100	60	4	} B9A	TP
				{ 2.1	200	175	18	6.5	100	100			
6DR4	123 000 000	D1	6						D			B3G	D
6DR6	*41 23* *51		6	23	200	175	45	6.6	100	100		B9A	P
6DR7	614 237 411		6	{ 17.5	150		35	6.5	100			} B9A	TT
				{ 3	250		1.4	1.6	100				
6DR3	541 236 891		6		12	12	45		No Data Available			B9A	DDP
6DS5	412 365 100		6	8.5	250	200	29	5.8	100	100		B7G	P
6DS8	541 237 564		6	{ 12	12		0.7	1.4	No Data Available			} B9A	TP
				{ 12	12	12	0.4	0.7	No Data Available				
6DT5	504 230 1*6		6.3	16.5	250	250	38	6.5	100	100		B9A	P
6DT6	412 365 100		6.3	2.2	150	100	11	0.8	150	100	2	B7G	P
6DT8	741 236 410		6.3	2.5	250		10	5.5	100		4	B9A	TT
6DW4	*8* 23* 8*1		6.3				180		REC		40mA	B9D	R

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vt	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
TT	6DW5	504 234 106		6.3	22.5	200	150	55	5.5	100	100		B9A	P
TT	6DX8	461 237 145		6.3	{ 1.7 2	200 170		3 18	4 10.4	100	100	1.3 8	B9A	TP
TP	6DY7	041 230 605		6.3	12.5	250	150	50	6	100	100		B9A	P
P	6DZ4	642 314 600		6.3	0.3	75		15	6.7	80		7.5	B7G	T
TT	6DZ7	426 517 310		6.3	7.3	250	250	48	11.3	No Data Available			AO8	PP
	6DZ8	414 237 516		6	{	150 150		0.8 45	1.4 7.5	100 100	60 100	1.4	B9A	TP
P	6E4	541 237 464		6.3	{ 2.6 200	200		5.4 3.7		100 100	60 100		B9A	TH
RR	6E6	274 146 300		6	27.5	250	100	18	1.7	100		1.7	UX7	TT
R	6E7	265 101 300	G1	6	2	250	100	8.2	1.6	100	100	1.6	Sm7	P
T	6E8G	027 546 310	Gt	6	{ 4.8 2.3	150 250		3.3 2.3	2.8 3.5	100 100	60 100	1.9	AO8	TH
P	6E102	602 301 450		6.3	7	250	250	72	15	No Data Available			F6	P
P	6EA5	412 365 100		6.3	1	250	150	10	8	No Data Available			B7G	P
R	6EA7	461 471 230		6.3	25	200		48	6.5	No Data Available			AO8	TT
P	6EA8	645 237 114		6.3	{ 1 1	150 125		18 12	8.5 6.4	100 100	60 100		B9A	TP
TT	6EB5	182 310 900		6.3				7		D			B7G	DD
P	6EB8	145 231 457		6	{ 2 2	250 200		2 25	2.7 12	100 100	60 60	2.5	B9A	TP
P	6EF6	026 540 310		6.3	18	250	250	50	5	No Data Available			AO8	P
DDP	6EH5	142 345 600		6	3.2	100	125	42	14.6	100	125		B7G	P
	6EH6	412 365 100		6	1	250	150	7.4	4.6	100	150	4	B7G	P
DTP	6EH7	141 230 651		6.3	2	200	90	12	12.5	No Data Available			B9A	P
R	6EH8	146 231 457		6	{ 1 1	150 150		13 12	7.5 6	100 100	60 100	7.5 6	B9A	TP
TT	6EJ7	141 230 651		6.3	2.5	200	200	10	15	No Data Available			B9A	P
P	6EL7	141 230 651		6.3	1.8	200	175	10	8.8	100	100		B9A	P
	6EM5	504 234 106		6	18	250	250	35	5.1	100	100		B9A	P
P	6EM7	471 461 230		6.3	{ 3 20	250 150		1.4 50	1.6 7.2	100			AO8	TT
TT	6EQ7	141 235 680		6.3		100	100	9	3.9	100	100		B9A	DP
P	6ER5	142 361 *10		6.3	1.2	200		10	10.5	100			B7G	T
	6ES5	142 360 100		6.3	1	200		15	9.5	100			B7G	P
R	6ES6	412 365 100		6.3	0.7	12	12			No Data Available			B9A	P
P	6ES8	641 237 410		6.3	1.2	90		15	12.5	100			B9A	TT
TT	6ET6	412 365 100		6.3	1	12	12	4.8	3	No Data Available			B7G	P
P	6ET7	189 231 456		6.3		200	150	25	11.5	No Data Available			B9A	DDP
P	6EU7	230 146 741		6.3	2	250		1.2	1.6	100			B9A	TT
TP	6EU8	746 231 415		6	{ 1 1	150 150		18 12	8.5 6.4	100 100	60 100		B9A	TP
D	6EV5	412 365 100		6.3		200	80	11.5	8.8	100	80		B7G	P
TT	6EV6	641 237 410		6.3	2	250		9.2	5.2	100			B9A	TT
DDP	6EV7	641 237 410		6.3	2.0	250		9.2	5.2	100		5.0	B9A	TT
P	6EW6	412 365 100		6	0.8	150	125	11	14	No Data Available			B7G	P
	6EW7	744 236 411		6.3	{ 17.5 11	150 250		45 5.5	7.5 2	100 100			B9A	TT
TP	6EX4	602 309 100		6				30		REC		15mA	B9A	RR
P	6EX6	021 040 350	A1	6.3		200	150	67	7.7	100	100		AO8	P
P	6FY6	026 540 310		6.3	17.5	250	250	44	4.4	No Data Available			AO8	P
TT	6EZ5	026 540 310		6.3	20	250	250	43	4.1	No Data Available			B8A	P
R	6EZ6	141 237 464		6.3	1	150		4.2	4.2	100		4.2	B9A	TTT

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		
6F1	261 514 130		6	1.8	200	200	10	9	100	60	8	B8A	P
6F5	020 600 310	G1	6	2	250		0.9	1.5	100		1.5	AO8	T
6F6	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	AO8	P
6F7	275 641 300	G1	6	{ 3	100		3.5	0.5	100	60	0.5	Sm7	TP
6F7B	275 641 300	G1	6	{ 3	100	100	6.3	1	100	100	1	UX7	TP
6F7E	275 641 300	G1	6	{ 3	100	100	6.3	1	100	100	1	UX7	TP
6F7M	275 641 300	G1	6	{ 3	100		3.5	0.5	100	60	0.5	UX7	TP
6F8	027 146 310	G1	6	8	250		9	2.6	100		2.6	AO8	TT
6F10	021 415 360		6.3	2	300	150	10	9	100	100		AO8	P
6F11	260 154 130		6	1.8	250	100	4.4	2.2	100	100	2.2	B8A	P
6F12	412 361 500		6	{ 2	250	250	10	7.5	100	150	5	B7G	P
6F13	260 154 130		6	1.8	200	200	10	9	150	150	8	B8A	P
6F14	260 154 130		6	1.25	150	150	28	10.6	100	100	8	B8A	P
6F15	261 154 130		6	2.5	250	100	7	2.3	100	100	2.3	B8A	P
6F16	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P
6F17	412 361 500		6	5	100	100	12.5	4.0	100	100		B7G	P
6F18	141 230 651		6	1.3	200	100	12	4.5	125	100		B9A	P
6F19	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
6F20	141 230 651		6.3	2	200	175	10	6	100	100		B9A	P
6F21	412 361 500		6	2.5	250	200	7.8	2.5	100	100		B7G	P
6F22	501 236 014		6	2	250	150	3	1.8	100	100		B9A	P
6F23	141 230 650		6.3	1.9	150	150	10	9.2	100	100		B9A	P
6F24	141 230 651		6.3	1.9	150	150	10	15	No Data Available			B9A	P
6F25	141 230 651		6.3	1.5	200	100	11.5	12.5	No Data Available			B9A	P
6F26	141 230 651		6.3	2	250	100	10	6	100	100	6	B9A	P
6F28	*41 234 650		6.3	2.9	200	200	10	12.5	100	100		B9A	P
6F29	141 230 651		6.3	2	200	90	12	12.5	No Data Available			B9A	P
6F30	141 230 651		6.3	2.5	200	200	10	15.4	No Data Available			B9A	P
6F31	412 365 100		6.3	1	250	100	11	4.2	100	100		B7G	P
6F32	412 365 100		6.3		200	125	8	4.6	100	100		B7G	P
6F32	216 510 030	G1	6	4.5	200	200	5.1	3	100	150	3	MO8	P
6F32V	412 365 000		6.3	3	150	150	7	4.3	100	100		B7G	P
6F33	412 361 500		6.3	2	125	125	5.2	3.5	100	100	3	B7G	P
6F35	412 365 100		6.3		40	30	2.7	2.7	No Data Available			B7G	P
6F36	412 365 100		6.3		300	150	10	9	No Data Available			B7G	P
6F40	111 231 654		6.3	2	250	150	3	2	100	100		B9A	P
6F41	141 230 651		6.3	2.0	150	150	10	7.4	100	100	6	B9A	P
6F60	041 230 665		6.3	23	250	200	55	5	100	100		B9A	P
6F80	541 231 600		6.3		200	200	36	10	100	100		B9A	P
6FA7	841 236 541		6.3	{ 0	100	100	2.2	1.9	100	100	1.9	B9A	DPP
6FC7	146 234 017		6.3	{ 0	100	100	3.8	3.2	100	100	3.2	B9A	DPP
6FD6	412 365 100		6.3	1.2	90		15	12	No Data Available			B9A	TT
6FD7	412 365 100		6.3		12	12		1.4	No Data Available			B7G	P
6FD7	644 237 411		6.3	{ 17.5	150		45	7.5	100			B9A	TT
6FD7	644 237 411		6.3	{ 17.5	250		6	1.6	100		1.6	B9A	TT
6FD12	541 236 891		6.3	2	250	100	9	3.8	100	100		B9A	DOP
6FE5	026 540 310		6.3	12.5	100	100	94	9.5	No Data Available			AO8	P
6FG5	412 365 100		6.3	0.2	250	250	9	9.5	No Data Available			B7G	P

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
					Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V			
P	6FG7	461 237 514		6.3	{ 1	125		13	7.5	100	60	7	} B9A	TP	
T	6FH5	142 360 100		6.3	{ 1	125	125	11	6	100	100	6		B7G	T
P	6FH6	020 540 310	A1	6.3	22.5	250	150	75	6	100	100			AO3	P
TP	6FJ8	210 541 380	A1	6.3	22.5	250	150	75	6.6	100	100		AO3	DP	
TP	6FLD12	541 236 891		19	2	250	100	9	3.8	100	100		B3A	DDP	
TP	6FM8	181 239 146		6.3	3	250		1	1.2	100			B3A	DDT	
TP	6FN5	521 441 350		6.3	22.5	200	150	100	10	No Data Available			B3A	P	
	6FQ5	142 360 100		6.3	1.2	150		11	11	No Data Available			B7G	T	
TP	6FQ7	741 236 410		6.3	8	250		9	2.6	100			B9A	TT	
TT	6FR7	644 237 411		6.3	{ 3	250		1.4	6.8	100		1.5	} B9A	TT	
P	6FS5	412 365 100		6.3	{ 20	150		50	5.4	100				B7G	P
P	6FV6	402 365 100		6.3	{ 1	150	75	10	8	100	80	8	} B9A	P	
P	6FV8	461 237 514		6	{ 1	150	125	12	6.5	100	100	6.5		B9A	TP
P	6FW5	421 060 350		6.3	22.5	250	150	65	7.3	100	100		AO3	P	
P	6FW8	741 236 410		6.3	1.2	100		15	13	No Data Available			B9A	TT	
P	6FX4	802 309 100		6				30		REC 15mA			B7G	RR	
P	6FY5	142 360 100		6.3	1	150		11	13	No Data Available			B9A	T	
P	6FY8	414 237 516		6	{ 1.5	125		2.5	2	100	60		} B9A	TP	
P	6G6	026 540 310		6	{ 13.5	125	125	50	7	100	100			B9A	TP
P	6G7	026 985 310	G1	6	9	200	175	15	2.3	100	100	2.3	AO8	P	
P	6G8	026 985 310	G1	6	3	250	125	10	1.3	100	100	1.3	AO8	DDP	
P	6G8	026 985 310	G1	6	3	250	125	9	1.1	100	100	1.1	AO8	DDP	
P	6GA4	026 040 310		6.3	18.5	250		50	7	100			AO3	T	
P	6GA8	641 237 410		6.3		250		8		100			B9A	TT	
P	6GA8	426 040 310		6.3	18.5	250		50	7	100			AO8	T	
P	6GB3A	020 540 310	A1	6.3	7.7	100	100	100	14	No Data Available			AO8	P	
P	6GB5	441 235 51*	A1	6.3	20	150	150	70	10	100	100	8.2	B9A	P	
P	6GB6	020 540 310	A1	6.3	22.5	250	150	6.5	6	100	100		AO8	P	
P	6GB7	020 540 310	A1	6.3	7.7	100	100	100	14	No Data Available			AO8	P	
P	6GB9	020 540 310	A1	6.3	22.5	250	150	75	6.6	125	100		AO8	P	
P	6GC5	514 234 156		6.3	7.5	100	100	50	8	100	100		B9D	P	
P	6GC6	021 540 350	A1	6.3	22.5	250	150	75	6.6	100	100		AO3	P	
P	6GD7	481 238 715		6.3	{ 1	125		15	10	100			} B9A	TP	
P	6GE8	514 236 147		6.3	{ 1	175	150	10	12	100	100	9		} B9A	TP
P	6GF7	141 237 064		6.3	{ 21	150		35	5	100	60				B9A
P	6GG6	802 300 190		6				30		REC 15mA			F8	RR	
P	6GH8	645 237 114		6	{ 1	150		13.5	8.5	100	60		} B9A	TP	
DDP	6GJ5	541 234 5**	A1	6.3	{ 1	150	125	12	7.5	100	100			B9D	P
TT	6GJ7	141 236 574		6.3	22.5	250	150	70	7.1	100	100		} B9A	TP	
P	6GJ8	645 237 114		6.3	{ 1	150		14	3.7	100				B9A	TP
DDP	6GK5	142 360 100		6.3	{ 1.2	200	200	10	11	100	100	7.8	} B9A	TP	
P	6GK6	141 230 651		6.3	{ 1	150		13.5	8.5	100	60			B9A	TP
P	6GK17	001 080 230		6.3	{ 1	125	125	12	7.5	100	100		B7G	T	
P	6GM5	500 234 106		6.3	1	150		11.5	15	No Data Available			B7G	T	
P	6GK6	141 230 651		6.3	7.3	250	250	48	11.3	100	100		B9A	P	
P	6GK17	001 080 230		6.3				120		REC 30mA			AO3	R	
P	6GM5	500 234 106		6.3	10	300	300	60	10.2	No Data Available			B9A	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
6GM6	412 365 100		6.3	56	150	25	14	13	No Data Available			B7G	P
6GM8	641 237 410		6.3	0.3	12		2.4	4.6	No Data Available			B9A	TT
6GN6	412 365 800		6.3	68	250	100	11	4.4	100	100		B7G	DP
6GN8	146 231 457		6.3	{ 2 3	250 200	150	2	2.7	100 100	60 100	3	B9A	TP
6GQ7	11* 239 181		6.3				5		D			B9A	DD
6GS8	156 231 471		6.3		100	75	2	1.2	100	75		B9A	PP
6GT5	541 234 5*6		6.3	42	250	150	70	7.1	100	100		B9D	P
6GU5	412 365 100		6.3	0.4	150	150	9	15	100	100		B7G	P
6GV7	657 231 414		6.3	{ 1.5 0.6	100 150	150	14 11	5.5 11	100 100	60 100	5 3	B9A	TP
6GV8	641 237 514		6.3	{ 15 1	100 200	175	5 41	6.5 7.5	100 100	60 100		B9A	TP
6GW5	642 314 100		6.3	1	150		13	15				B7G	T
6GW8	415 237 146		6.3	{ 1.7 7	250 250	250	1.2 36	1.6 10	100 100	60 100	1.5	B9A	TP
6GX6	412 365 100		6.3		150	100	3.7	3.7	100	100		B7G	P
6GY6	412 365 100		6.3		150	100	3.7	3.7	100	100		B7G	P
6H1	412 360 500		6	1.8	250	100		2.1	100	100	2	B7G	H
6H4	020 800 310		6						D			AO8	D
6H6	029 180 310		6						D		4	AO8	DD
6H7C	026 447 310		6.3	5	250		3	1.6	100			AO8	TT
6H7G	126 447 310		6.3		300		35	3.2	100			AO8	TT
6H8C	461 471 230		6.3	8	250		9	3	100			AO8	TT
6H8G	026 985 310	G1	6	2	250	125	8.5	2.4	100	100	2.4	AO8	DDP
6H8MG	026 985 310	G1	6	2	250	125	6	1.8	100	100	1.8	AO8	DD
6H9C	461 471 230		6.3	2	250		2.2	1.6	100			AO8	TT
6H10C	064 471 230		6.3	2	250		2	1.3	100		1.3	AO8	TT
6H13C	461 471 230		6.3	30	90		80	5	No Data Available			AO8	TT
6H31	412 365 100		6.3		250	100	3		100	100		B7G	H
6HA5	412 360 100		6.3	1	150		11.5	14.5	No Data Available			B7G	T
6HB6	141 230 651		6.3	33	250	125	40	24	No Data Available			B9A	P
6HB7	141 236 574		6.3	{ 1 1	150 125	125	18 12	8.5 6.4	100	100		B9A	TP
6HC8	414 237 516		6.3	{ 3 18	250 250	250	1.4 38	2 5.1	100	100		B9A	TP
6HF8	146 231 457		6.3	{ 2 2	200 200	125	4 25	4 12.5	100	100		B9A	TP
6HG8	141 234 675		6.3	{ 3 1.2	100 200	150	14 10	6 12	100	100	6.5	B9A	TP
6CJ8	145 236 181		6.3	6	150	125	11.5	9.3	100	100		B9A	DP
6HK8	641 237 410		6.3	1	90		8.5	8	100		8	B9A	TT
6HM5	412 360 100		6.3	1.2	150		12.5	14.5	No Data Available			B7G	T
6HQ5	412 361 100		6.3	1	150		11.5	15	100		12	B7G	T
6HR5	412 365 100		6.3	1.2	200	100	13.2	8.5	100	100		B7G	P
6HS6	412 365 100		6.3	0.8	150	75	8.8	9.5	100	100		B7G	P
6HS8	157 231 461		6.3		100	75	2	0.4	100	75	0.4	B9A	PP
6HU8	546 234 175		6.3	9	250	250	24	6	100	100		B9A	PP
6HW8	165 234 161		6.3	3.5	250	250	13	4	100	100		B9A	P
6HZ6	412 387 100		6.3	1.1	150	100	3.2	3.4	100		3	B7G	P
6HZ8	146 231 457		6.3	{ 2 2	200 250	175	3.5 29	4 12.6	100	100		B9A	TP
6J4	412 344 600		6	1.5	150		15	12	100		10	B7G	T
6J5	026 040 310		6	8	250		9	2.6	100		2.6	AO8	T

TYPE	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		
P TT DP	6J6	762 344 100		6	{ 3 0.8	150 100		5 8.5	4.5 5.3	100 100		5.8 5.8	B7G	TT
TP	6J7	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.3	AO8	P
DDD PP P P	6J8	027 546 310	G1	6.3	{ 3 3 2	100 100 150	100	1.3 1 1.5	1.6 1.2 1.5	100 100 100	100	1.6 1.5 1.1	AO8	TH
TP	6JA8	146 231 457		6.3	{ 1.5 22.5	150 250	150	18 70	13 7.1	100 100	100	100	B9A	TP
TP	6JB6	541 234 51*	A1	6.3	{ 8.5 3	250 250	150	10.5 3	2.2 1.6	100 100	100		B9D	P
TP	6JB8	645 237 114		6	{ 3 1 1	250 150 150	100	3 12 9	1.6 6.5 5.5	100 100 100	100		B9A	TP
TP	6JC8	145 237 146		6.3	{ 1 1	150 150	125 100	12 9	6.5 5.5	100 100	100		B9A	TP
TP	6JE6	541 234 51*	A1	6.3	{ 2 2	200 200	100	4.5 22	4.2 12	No Data Available 100	100		B9D	P
T	6JE8	146 231 457		6.3	{ 22.5 2	250 200	175	75 4	6.6 4	100 100	100		B9A	TP
TP	6JF8	210 541 380	A1	6.3	22.5	250	150	75	6.6	100	100		AO8	DP
P P	6JG6	541 231 5*6		6.3		150	100	80	10	No Data Available			B9D	P
H D DD TT	6JH6	412 387 100		6.3	1	125	125	14	8	100		6	B7G	P
TT	6JH8	115 324 166		6.3		250	250	14	4.4	100	100		B9A	P
TT	6JK8	741 236 410		6.3	{ 1 1.2	100 150		5.3 10	6.6 13	100 100		6	B9A	TT
TT	6JT6	541 231 5*6		6.3	{ 22.5 2	250 200	150	70 4	7.1 4	100 100	100		B9D	P
TT	6JV8	146 231 457		6.3	{ 2 2.9	200 200	200	22 1.1	11.5 1.4	100 200	100	10	B3A	TP
DDP DDP TT	6K5	026 000 310	G1	6	3	250		1.1	1.4			1.4	AO8	T
TT	6K6	026 540 310		6	18	250	250	32	2.3	100	150	2.3	AO8	P
TT	6K7	026 510 310	G1	6		250	100	10.5	1.5	100	100	1.5	AO8	P
TT	6K8	027 546 310	G1	6	{ 1 3	100 250	100	6 4	2.5 1.2	100 100	60	3 1.5	AO8	TH
TT H T P	6K25	026 040 310		6		100		30	2kΩ	No Data Available			AO8	Thy
TP	6KM8	668 231 456		6.3		100	100	4.2	3.4	100	100	3.4	B9A	DP
TP	6KR8	146 231 457		6.3	{ 1 2	100 200	100	15 19.5	10.4 20	100 80	60 60		B9A	TP
TP	6KY8A	141 237 564		6.3	{ 3 10 1.0	250 150 150	100	1.4 39 13.5	1.6 8.4 8.5	100 100 100	60 100 60	1.6	B9D	TP
TP	6KZ8	641 237 514		6.3	{ 1.0 1.0	150 150	150	12 12	7.5 7.5	100 100	100	7	B9A	TP
TP	6L1	274 164 130		6	8.6	200		10	2.8	100		2	B9A	TT
DP	6L5G	026 040 310		6	9	250		8	1.9	100		1.9	AO8	T
TT	6L6	026 540 310		6	18	350	250	54	5.2	100	150	5.2	AO8	P
T T P P P PP PP	6L7	026 540 310	G1	6	3	250	100	6.3	1.1	100	100	1.1	AO8	H
P P	6L10	120 415 360		6.3	3	300	150	30	11	100	100		B8A	P
TP	6L12	741 236 410		6	2.3	250		10	5.9	100		5	B9A	TT
TP	6L13	741 226 413		6	2	250		1.2	1.6	100		1.6	B9A	TT
TP	6L15	147 234 116		6.3	1.2	90		15	9	100		9	B9A	TT
TP	6L16	146 234 107		6.3	1.5	90		12	6.2	80		6.2	B9A	TT
P P	6L18	260 064 130		6	13.3	250		12	5.5	80		7	B8A	T
TP	6L19	274 164 130		6	1.8	200		5	3.1	150		3.1	B3A	TT
TP	6L31	412 365 400		6.3	12.5	250	250	45	4.1	100	100	4	B7G	P
T T	6L34	412 314 600		6	1.5	250		10	9	150		7	B7G	T
	6L41	601 235 144		6.3	17.2	250	250	45	7	100	100		B9A	P
	6L43	145 236 154		6.3	3	300	150	30	11	No Data Available			B9A	P
	6L50	214 451 130	A1	6.3	12.6	200	250	70	5	No Data Available			B9A	P

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		
6L50V	215 445 113	A1	6.3	25	400	250	30	3.5	100	100		B9A	P
6LD3	264 098 130		6	1.9	250		0.85	1.95	150		1.9	B8A	DDT
6LD12	191 238 146		6.3	1.0	100		0.8	1.45	100		1.4	B9A	DDDT
6LD13	641 238 09*		6	1.9	250		0.85	1.2	100			B9A	DDT
6LD20	264 098 130		6	5.9	250		5	2.3	100		3	B8A	DDT
6LE8	611 230 154		6.3	2.5	100	100	8	5.8	100	100	5.8	B9A	PP
6LF8	146 231 456		6.3	2.5	200		4	4	100			B9A	TP
6LFD12	541 236 891	19	2		100	150	20	11	100	100	11		
6LR8	141 236 564		6.3	4	250	100	9	3.8	100	100		B9A	DDP
6M3	*28 0*0 *30		6		10	150	125	56	9.3	100	100		
			6						D			AO8	R
6M5	541 230 600		6	7	250	250	36	10	100	100	100	B9A	P
6M6	026 540 310		6	6	250	250	36	9.5	100	150	8	AO8	P
6M7	026 510 310	G1	6	2.5	250	125	10.5	3.4	100	100	3.2	AO8	P
6M8	137 546 280	G1	6	1	100		0.5	1.1	100	60	1.1	AO8	DTP
			6		3	100	100	8.5	1.9	100	100		
6MD3	802 380 100		6.3				10		REC		5mA	B7G	R
6MD4	102 310 800		6.3						D			B7G	D
6MH1	412 344 600		6.3		150		14.5	13	No Data Available			B7G	T
6MHH3	672 344 100		6.3	1	100		11	7.5	100		7.5	B7G	TT
6M-L2	642 364 100		6.3	4.5	150		14	5	100			B7G	T
6M-L4	642 314 600		6.3		100		17	6.5	100			B7G	T
6MK7	026 510 310	G1	6	2	250	100	5	2.3	100	100	2.3	AO8	P
6MP2	412 365 000		6.3	6	200	175	25	5.5	100	100		B7G	P
6MP17	412 355 400		6.3	8	250	250	32	5.2	100	100		B7G	P
6N3	**1 23* **8		6				180		REC		50mA	B9A	R
6N4	412 361 400		6	3	200		12	6	150		6	B7G	T
6N6	020 610 310		6.3	0	300		9		100		1.5	AO3	TT
			6.3		300		42	2.5	100		1.6		
6N7	027 446 310		6	5	250		3	1.6	100		1.6	AO3	TT
6N7	026 510 310	G1	6	2.5	250	125	10.5	3.4	100	100	3.2	AO8	P
6N3	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP
6NK7	026 510 310	G1	6	2.5	250	125	10.5	3.4	100	100	3.2	AO8	P
6P1	026 540 310		6	8.5	250	250	30	8.8	100	150	8	AO3	P
6P2	412 365 100		6.3	68	250	150	10.6	5.2	No Data Available			B7G	P
6P5	026 040 310		6	13.5	250		5	1.25	100		1.4	AO3	T
6P6	215 413 000	A1	6	8	250	150	34		100	100		UX6	P
6P7	023 756 410	G1	6	3	100		3.5	0.5	100	60	0.5	AO8	TP
			6		100	100	6.3	1	100	100	1		
6P8	027 546 310	G1	6	3	100		2.2		100	60		AO8	TH
			6		250	75	2.2	0.7	100	75			
6P9	412 366 400		6	6	250	250	30	7	No Data Available			B9A	P
6P15	*41 23* 6*5		6	7.5	250	250	49	11.3	100	150	10	B9A	P
6P17	412 360 500		6	13.5	250	250	16	2.6	100	100		B7G	P
6P25	026 540 310		6	8.5	250	250	40	8.8	100	100	8	AO3	P
6P26	026 540 310		6	8.5	250	250	40	8.8	100	150	8	AO8	P
6P28	020 540 310	A1	6.3	8.8	350	250	72	9.5	No Data Available			AO8	P
6PL12	414 237 516		6.3	8.5	100		3.5	2.5	100	60		B9A	P
			6.3		250	250	40	8.8	100	100			
6PX6	026 540 310		6	6	250		35	9.2	100	150	8	AO3	P
6PZ8	026 598 310	G1	6	6	250	250	36	9.2	100	150	8	AO8	DDP
6Q4	441 230 446		6	1.5	250		15	12	No Data Available			B9A	T
6Q6	026 030 310		6	3	250		1.2	1.05	150		1.0	AO8	DT

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
P	6Q7	026 980 310	G1	6	3	250		1	1.2	100		1.5	A08	DDT
DDT	6QL6	541 236 154		6	11.5	200	175	52	9.5	125	100		B9A	P
	6R	026 510 310	G1	6	2	250	100	3.7	2	100	100		A08	P
DDDT	6R4	401 230 060		6	2	150		30	5.5	100		5	B9A	T
DDT	6R6	026 500 310	G1	6	3	250	100	7	1.45	100	100	1.4	A08	P
DDT	6R7	026 980 310	G1	6	9	250		9.5	1.9	100		1.9	A08	DDT
PP	6R8	811 239 146		6	9	250		9.5	1.9	100		1.9	B9A	DDDT
TP	6R51P	451 23* 6*5		6.3	8	250	250	54	11	No Data Available			B9A	P
DDP	6RA2	014 234 006		6.3	31	150		100	8.5	No Data Available			B9A	P
	6RA5	606 023 041		6.3	20	100		80	11	No Data Available			B9A	T
R	6RB11	504 234 106		6.3	12.5	200	200	45	7.5	100		1	B9A	P
P	6R-DHV1	145 327 864		6.3	{ 2 1	250 250		1.2 9	1.6 3.5	100 100	60		B9A	DTP
P	6RHH2	741 236 410		6.3	1	90		8.5	8	100		8	B9A	TT
P	6R-HH8	641 237 410		6.3		100		16	16	No Data Available			B9A	TT
P	6R-HH9	641 237 410		6.3		90		16	16	No Data Available			B9A	TT
DTP	6RHV1	145 237 164		6	{ 2 1	250 250	100	12 9	1.6 3.5	100 100	60		B9A	TP
R	6RK19	*** 23* **8	C	6.3				180		REC		40mA	B9A	R
DT	6RP10	260 153 041		6.3	2.6	150	150	36	13.5	No Data Available			B9A	P
TT	6RP15	451 23* 6*5		6.3	8	250	250	59	11	100	100		B9A	P
T	6RR8	402 106 053		6.3		150	150	13	12.6	No Data Available			B9A	P
T	6RR8C	402 106 053		6.3		150	150	13	12	No Data Available			B9A	P
PP	6RR21	541 236 891		6.3		150	150	13.5	15	No Data Available			B9A	DDP
P	6RV	026 510 310	G1	6	2	250	100	6.4	2.1	100	100	2.1	A08	P
P	6S2	230 232 032	D1	6.3						D			B9A	R
P	6S2A	*** 23* ***	D1	6.3						No Data Available			B9A	D
T	6S4	*1* 234 **6		6	8	250		26	4.5	100		4.5	B9A	T
TT	6S6	120 600 350	G1	6	2	250	100	13	4	100	100	4	A08	P
TT	6S7	026 510 310	G1	6	3	250	100	8.5	1.75	100	100	1.7	A08	P
P	6S8	118 916 230	G1	6	2	250		0.9	1.1	200		1.1	A08	DDDT
DDP	6SA7	126 641 310		6	3.6	100		12	4.3	100		1.4	A08	H
P	6SC5	026 400 310		6	4	250		7.5	2.7	100		2.7	A08	T
P	6SC7	074 461 230		6	2	250		2	1.3	200		1.3	A08	TT
P	6SD7	021 415 360		6	2	250	100	6	3.6	100	100	3.6	A08	P
TP	6SE7	021 415 360		6	1.5	250	100	4.5	3.4	100	100	3.4	A08	P
TP	6SF5	014 060 320		6	2	250		0.9	1.5	200		1.5	A08	T
TP	6SF7	041 581 360		6	1	250	100	12.4	2.05	100	100	2	A08	DP
TH	6SG7	021 415 360		6	1	250	125	11.8	4.7	100	100	4.7	A08	P
TH	6SH7	021 415 360		6	1	250	150	10.8	4.9	100	150	4.9	A08	P
P	6SJ7	021 415 360		6	3	250	100	3	1.65	100	100	1.6	A08	P
P	6SJ8	027 546 310	G1	6	{ 3 3	150 150		5 1.3	1.6 1.2	100 100	60	1.6	A08	TH
P	6SK7	021 415 360		6	3	250	100	9.2	2	100	100	2	A08	P
P	6SL7	461 471 230		6	2	250		2.3	1.6	150		1.6	A08	TT
P	6SN7	461 471 230		6	8	250		9	2.9	100		2.6	A08	TT
P	6SQ7	041 896 230		6	2	250		0.9	1.1	200		1.1	A08	DDT
P	6SR7	041 986 230		6	9	250		9.5	1.9	100		1.9	A08	DDT
DDP	6SS7	021 415 360		6	3	250	100	9	1.85	100	100	1.8	A08	P
T	6ST7	041 896 230		6	9	250		9.5	1.9	100		1.9	A08	DDT
DT	6SU7	471 461 230		6	2	250		2.3	1.6	200		1.6	A08	TT
	6SV7	041 586 230		6	1	250	150	7.5	3.4	100	150	3.5	A08	DP

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		
6SZ7	041 986 230		6	3	250		1	1.2	200			AO3	DDT
6T	205 413 000	A1	6	12.5	250	250	4.5	4.1	100	150	4	UX6	P
6T1	642 314 600		6		75		16	6.6	80			B7G	T
6T4	642 314 600		6	3	80		18	7	80			B7G	T
6TG	026 500 310	G1	6	1	250	100	10	5.5	100	100	5.5	AO8	P
6T7	026 980 310	G1	6	3	250		1.2	1	100		1	AO8	DDT
6T8	191 233 146		6	3	250		1	1.2	150		1.3	B9A	DDDT
6T8A	191 233 146		6	3	250		1	1.2	100		1.3	B9A	DDDT
6T24	647 230 114		6	2	150		17	7	100			B9A	TT
6T26	641 237 410		6	2.3	250		10	6	100			B9A	TT
6T27	641 237 410		6		150		10	6.8	100			B9A	TT
6TD32	891 230 146		6.3	3	250		1	1.2	100		0.6	B9A	DDT
6TD33	891 230 146		6.3	3	250		2.2	2.1	100		1.4	B9A	DDDT
6TD34	891 230 146		6.3	3	250		2.2	2.1	100		1.4	B9A	DDDT
6TE8	527 146 310	G1	6	{ 2 2	100 250		3.7 3.5		100 100	60 100		AO8	TH
6TE9	651 237 440		6	{ 2.5 7	100 200	90	4 3	2 0.7	100 100	60 90	2	B9A	TH
6TH8	027 546 310	G1	6	{ 1.5 7	200 150	75	3.5 6		150 100	60 75		AO8	TH
6TP	205 413 000	A1	6	14.5	250	250	12	6	100	150	6	UX6	P
6TP1	645 237 114		6	{ 68 2	150 250	100	18 10	8.5 5.2	100 100	60 100		B9A	TP
6TP3	641 237 154		6	{ 3 3	100 200	100	4 8	2 3	100 100	60 100		B9A	TP
6TP4	145 237 614		6	{ 68 2	150 250	100	18 10	8.5 5.2	100 100	60 100		B9A	TP
6TP5	541 327 164		6	{ 68 1	250 100	100	10 2.2	5.2 1.3	100 100	60 60		B9A	TP
6U3	**1 23* **8		6		200	100	9 180		100 REC	100	40mA	B9A	R
6U4	001 080 230		6				120		REC		30mA	AO8	R
6U5M	028 090 310		6				30		REC		15mA	AO8	RR
6U6	026 540 310		6	14	200	150	56	6.2	100	100	6.2	AO8	P
6U7	026 510 310	G1	6	3	250	100	8	1.5	100	100	1.5	AO8	P.
6U8	645 237 114		6	{ 1 1	150 150	100	18 10	8.5 5.2	100 150	60 100	7 5	B9A	TP
6U8A	645 237 114		6	{ 1 1	150 250	100	18 10	8.5 5.2	100 100	60 100		B9A	TP
6V3A	082 230 808	C	6				120		REC		30mA	B9A	RR
6V4	8*1 23* 9**		6				30		REC		15mA	B9A	RR
6V5	006 540 230		6	12.5	250	250	45	4.1	100	150	4.1	AO8	P
6V6	026 540 310		6	12.5	250	250	45	4.1	100	150	4	AO8	P
6V7	026 980 310	G1	6	20	250		8	1.1	100		1.1	AO8	DDT
6V8	681 234 119		6	3	250		1	1.2	100		1.3	B9A	DDDT
6W2	023 000 000	D1	6						D			B3G	D
6W3	**1 23* **8		6				20		REC		40mA	B9A	R
6W4	001 080 230		6				120		REC		30mA	AO8	R
6W5	028 090 310		6				60		REC		20mA	AO8	RR
6W6	026 540 310		6	9.5	150	150	58	8	100	100	8	AO8	P
6W7	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	AO8	P
6WC5	266 114 300		6	3.6	100		12	4.3	No Data Available			B7G	H
6X2	023 000 000	D1	6						D			B3G	D
6X3	020 000 310	D1	6				5		D			AO8	R
6X4	802 309 100		6				30		REC		35mA	B7G	RR

TYPE	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			
DDT	6X5	028 090 310		6				30		REC		35mA	AO8	RR	
P	6X8	146 231 457		6	{	1	100		8.5	5.8	100	60	5	} B9A	TP
						1.8	250	150	7.5	4.6	100	150	4		
I	6X8A	146 231 457		6	{	1	150		8.5	5.8	100	60	5	} B9A	TP
T						1.8	150	150	7.7	4.6	100	100	4		
P	6Y3	030 002 200	D1	6				5		D			AO8	R	
DDT	6Y5	208 193 000		6				30		REC		15mA	UX6	RR	
DDDT	6Y6	026 540 310		6	13.5	150	150	58	7	100	100	7	AO8	P	
DDDT	6Y7	027 446 310		6	0	250		5.3	1.8	150		1.8	AO8	TT	
	6Y50	802 308 001		6				180		REC		40mA	B9A	R	
TI	6Z3	381 200 000		6				60		REC		20mA	UX4	R	
TT	6Z4	289 130 000		6				30		REC		45mA	UX5	RR	
DDT	6Z5	328 192 000		6				30		REC		15mA	UX6	RR	
DDDT	6Z6	028 190 310		6				30		REC		15mA	AO8	RR	
DDDT	6Z7	026 447 310		6	0	200		4.2	0.5	150		0.5	AO8	TT	
TH	6Z31	802 309 100		6.3				30		REC		15mA	B7G	RR	
TH	6Z40	000 230 008	C	6.3				120		REC		30mA	B9A	R	
TH	6ZDH3A	264 813 000		6	2	250		1.5	1.5	100		1.2	UX6	DT	
P	6ZP1	265 413 000		6	9	200	200	15	1.7	100	100		UX6	P	
P	6ZY5	028 090 310		6				15		REC		15mA	AO8	RR	
TP	7A2	045 231 600		4	17	250	250	40	3.2	100	150	2.3	B7	P	
TP	7A3	045 231 600		4	6	250	250	32	10	100	100	10	B7	P	
TP	7A4	260 0*4 130		6	8	250		9	2.6	100		2.6	B8B	T	
TP	7A5	265 004 130		6	9	150	125	44	6	100	90	6	B8B	P	
TP	7A6	219 008 130		6				5		D			B8B	RR	
TP	7A7	265 104 130		6	3	250	100	9.2	2	100	100	2	B8B	P	
TP	7A8	266 451 130		6	1	250	100	14	1.4	100	100	1.6	B8B	O	
R	7AB7	526 141 310		6	2	250	100	4	1.8	100	100	1.2	B8B	P	
R	7AC7	412 365 100		6		300	150	10	9	100	100	8	B7G	P	
RR	7AD7	265 104 130		6	2.3	300	150	28	9.5	100	150	9	B8B	P	
P	7AF7	217 446 130		6	9	250		9	2.1	100		2.1	B8B	TT	
P	7AG7	265 114 130		6	2	250	250	6	4.2	200	200	4.2	B8B	P	
TP	7AH7	265 114 130		6	2	250	250	6.6	3.3	100	150	3.3	B8B	P	
TP	7AJ7	265 104 130		6	3	250	100	2.2	1.5	100	100	1.5	B8B	P	
TP	7AK7	265 104 130		6	0	150	90	40	6.5	100	100	6.0	B8B	P	
TP	7AN7	147 234 116		7.5	1	90		12	6	100		6	B9A	TT	
RR	7AU7	741 226 413		3.5	8.5	250		10.5	2.2	100		2.2	B9A	TT	
RR	7B4	260 004 130		6	2	250		0.9	1.5	200		1.5	B8B	T	
P	7B5	265 004 130		6	18	250	250	32	2.3	100	150	2.3	B8B	P	
P	7B6	264 *98 130		6	2	250		0.9	1.1	200		1.1	B8B	DDT	
DDT	7B7	265 104 130		6	3	250	100	8.5	1.7	100	100	1.7	B8B	P	
DDDT	7B8	265 454 130		6	2	250	100		1.1	100	100	1.1	B8B	H	
D	7C4	2*0 800 130		6				5		D			AO8	R	
R	7C5	265 004 130		6	12.5	250	250	45	4.1	100	150	4.1	B8B	P	
R	7C5LT	265 004 130		6	12.5	250	250	45	4.1	100	150	4.1	B8B	P	
RR	7C6	264 198 130		6	1	250		1.3	1	250		1	B8B	DDT	
P	7C7	265 114 130		6	3	250	100	2	1.3	100	100	1.3	B8B	P	
P	7CE40	146 234 117		7	1.5	90		12	6	80		6	B9A	TT	
H	7D3	045 231 600		40	20	150	125	35	2.4	100	100	3.8	B7	P	
D	7D5	045 231 600		13	16.5	250	250	31	2.3	100	150	2.3	B7	P	
R	7D6	045 231 600		40	6	250	250	32	10	100	100	10	B7	P	

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYF
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
7D7	276 454 130		6	{ 3	150		3		100	60		} B8B	TH
7D8	045 231 600		13	3	250	100	1.3	0.2	100	100			B7
7D9	412 360 500		6	6	250	250	32	10	100	100	10	B7G	P
7D9	045 231 600		13	13.5	250	250	16	2.6	100	150	2.6	B7	P
7D9	045 231 600		13	25	250	250	32	1.8	100	150	1.8	B7	P
7D10	*41 230 651		6	4.5	250	250	40	11	100	150	9	B8A	P
7D11	026 540 310		6.3	20	350	250	95	9	100	100		AO8	P
7DJ8	641 237 411		7	1.3	90		15	12.5	No Data Available			B9A	TT
7E5	426 141 630		6	3	200		5.5	3	150		3	B8B	T
7E6	264 *98 130		6	8	250		9.5	1.9	100		1.9	B8B	DDT
7E7	269 854 130		6	3	250	100	7.5	1.3	100	100	1.3	B8B	DDP
7ED7	141 230 651		7.3	1.9	200	175	10		100	100		B9A	P
7EK7	146 234 117		7	1.2	200		15	4	100		4	B9A	TT
7ES8	641 237 410		7	1.2	90		15	12.5	No Data Available			B9A	TT
7EY6	026 540 310		7.2	17.5	250	250	44	4.4	100	100		AO8	P
7F7	217 446 130		6	2	250		2.3	1.6	200		1.6	B8B	TT
7F8	427 116 340		6	3	250		6	3.3	200		3.3	B8B	TT
7F16	261 154 130		6	2.5	250	100	6	2.2	100	200	2.2	B8A	P
7FC7	146 234 117		7.2	1.2	90		15	12	No Data Available			B9A	TT
7G7	265 114 130		6	2	250	100	6	4.5	100	100	4.6	B8B	P
7G8	265 441 730		6	2.5	250	100	4.5	2.1	100	100	2.1	B8B	PP
7GH8	576 234 141		8	{ 3	100		14		100	60		} B9A	TH
				1.2	200	150	10		100	100			
7GV7	657 231 414		7.4	{ 3	100		14	5.5	100	60		} B9A	TP
				2	250	250	10	11	100	100			
7H6	265 114 130		6	2.5	250	150	9.5	3.5	100	150	3.5	B3B	P
7H7	265 114 130		6	2	250	150	10	4.2	100	150	4.2	B8B	P
7HG8	741 234 675		7.2	{	125		15		No Data Available			} B9A	TH
					250	150	18						
7J7	276 454 130		6	{ 3	150		6.6	1.4	150	60	1.4	} B8B	TH
				3	250	100	1.4		100	100			
7K7	216 498 130		6	2	250		2.3	1.6	200		1.6	B3B	DDT
7L7	265 104 130		6	1.5	250	100	4.5	3.1	100	100	3.1	B3B	P
7MP18	412 365 400		7.5	5	200	175	35	11	No Data Available			B9A	P
7N7	217 446 130		6	8	250		9	2.6	100		2.6	B8B	TT
7Q7	266 414 130		6	2	100		15	6	100		4.5	B8B	H
7R1	230 300 000		7.5				60		REC		20mA	UX4	R
7R7	269 854 130		6	1	250	100	6.2	3.4	100	100	3.4	B8B	DDP
7S7	276 454 130		6	{ 1	100		4.8	1.4	100	60	1.8	} B8B	TH
				2	250	100	4	2	100	100	2.2		
7T7	265 104 130		6	1	250	150	10.6	4.9	100	150	4.9	B8B	P
7V7	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B	P
7W7	265 114 130		6	2	300	150	10	5.8	100	150	5.8	B8B	P
7X6	218 009 130		6				30		REC		15mA	B8B	RR
7X7	264 189 130		6	1	250		1.9	1.5	250		1.5	B8B	DDT
7Y4	208 909 130		6				30		REC		30mA	B3B	RR
7Z4	209 008 130		6				60		REC		20mA	B8B	RR
8A1	542 310 000	A1	4	1.5	200	75	3.5	4	100	75	4	B5	P
8A1	041 231 500	A1	4	1.5	200	75	3.5	4	100	75	4	B7	P
8A2	542 310 000	A1	4	2.1	200	100	3	2.4	100	100	2.4	B5	P
8A8	645 237 114		9	{ 2	100		14	5	100	60	5	} B9A	TP
				2	200	175	10	6.2	100	150	6		
8AU8	146 231 457		8.5	{ 1.25	150		8.5	4.9	100	60	5	} B9A	TP
				1.5	200	125	16	7	100	100	7		

TYPE	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		
TH	8AU8A	146 231 457		8.5	{ 1.2 1.5	150 200		8.5 16	4.9 7	100 100	60 100	5 7	B9A	TP
P	8AW8	146 231 457		8.4	{ 2 3	200 200		4 13	4 9	100 100	60 100	4 9	B9A	TP
P	8B8	414 237 516		8	{ 1 16	100 200		1 35	1.9 6.4	100 100	60 100	1.9	B9A	TP
P														
P														
TT	8BA8	146 231 457		8.4	{ 8 3	200 200		8 13	2.7 9	100 100	60 100	5	B9A	TP
T														
D	8BH8	146 231 457		8.4	{ 5 1.6	150 200	125	9.5 15	3.3 7	100 100	60 100		B9A	TP
DDP	8BM8	414 237 516		7.9	{ 1 16	200 200		3.7 35	2.5 6.4	100 100	60 100	2.5	B9A	TP
P	8BN8	811 239 641		8.4	{ 3 7.3	250 250		1.6 48	2.6 11.5	100		3.5	B9A	DDT
TT	8BQ5	*41 23* 6*5		8			250			No Data Available			B9A	P
TT	8BQ7A	641 237 410		8.4	{ 2	150		9	6.4	100		6	B9A	TT
P	8CF40	645 237 114		9	{ 2 2	100 200	175	14 10	5 6.2	100 100	60 100		B9A	TP
TT	8CG7	741 236 410		8.4	{ 8 7	250 200		9 5	2.5 2	100		3	B9A	TT
P	8CM7	701 236 441		8.4	{ 7 8	200 250		5 20	2 4.4	100		2.8	B9A	TT
TT	8CN7	891 221 643		4.2	{ 3	250		1	1.2	100		1.3	B9A	DDT
P														
PP	8CS7	704 236 411		8.4	{ 10.6	250		19	4.5	100		4	B9A	TT
TH	8CW5	*51 23* 6*5		8	{ 12.5	200	175	70	10	100	60		B9A	P
	8CW8	415 237 146		8	{ 1.7 7	250 250		1.2 35	1.6 10	100 100	60 100	1.6	B9A	TP
TP	8CX8	146 231 456		8	{ 1.5 2	150 200	125	9 25	4.6 10	100 100	60 60	4.6	B9A	TP
P	8CY7	6*4 237 411		7.9	{ 3 18.5	250 150		1.2 30	1.3 5.4	100 100			B9A	TT
TH														
TH	8D2	061 231 500	G1	13	{ 3	250	100	2	1.25	100	100	1.25	B7	P
	8D3	412 361 500		6	{ 2 1.5	250 200	250 150	10 4	7.5 6.4	100 100	PenLF PenLF	5 5	B7G	P
DDI	8D4	026 510 310	G1	6	{ 2	250	100	3	1.8	100	100	1.8	AO8	P
P	8D5	041 230 651		6	{ 3	250	100	2	1.2	100	100	1.2	B9A	P
P	8D6	141 230 651		6	{ 2	200	175	10	2.5	100	100	2.5	B9A	P
TT	8D7	001 230 651	G1	6	{ 3	250	100	2	1.25	100	100	1.2	B9A	P
H	8D8	501 236 014		6	{ 2	250	150	3	1.9	100	100		B9A	P
R	8DX8	461 237 145		7.5	{ 1.7 2.1	200 200	175	30 18	4 11	100 100	60 100		B9A	TP
DDP														
TH	8EB8	146 231 457		8	{ 2	250		2	2.7	100	60		B9A	TP
P	8EM5	504 234 106		8.4	{ 2 18	200 250	125 250	25 35	12.5 5.1	100 100	100 100		B9A	P
P														
P	8ET7	189 231 456		8	{ 100	200	150	25	11.5	No Data Available			B9A	DDP
RR	8FQ7	741 236 410		8.4	{ 8	250		9	2.6	100			B9A	TT
DDT	8G140	892 300 000		8				60		REC 20mA			B4	RR
RR	8GE8	146 231 457		8.2	{ 2	200		4.5	4.2	100	60		B9A	TP
RR	8GK6	141 230 651		8	{ 7.4	250	250	48	11.3	No Data Available			B9A	P
P	8GN8	146 231 457		8	{ 2 3	250 200	150	2 25	2.7 11.5	100 100	60 100	3	B9A	TP
P														
P	8GW8	415 237 146		7.5	{ 1.7 7.0	250 250		1.2 36	1.6 10	100 100	60 100	1.5	B9A	TP
TP	8GX7	151 236 574		7.7	{ 1 1	125 125		13 8	8.5 11	100 100			B9A	TP

TYPE	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		
TP	9U8	645 237 114		9.5	{ 1 1	150 250	100	18 10	8.5 5.2	100 100	60 100	8.5 5	B9A	TP
TP	9U8A	645 237 114		9.5	{ 1 1	150 250	100	18 10	8.5 5.2	100 100	60 100	8.5 5	B9A	TP
TT	9X8	146 231 457		9.5	{ 3.5	150	150	8.5 6.2	5.8 2.1	100 100	60 100		B9A	TP
TP	10	264 300 600		7.5	32	250		16	1.55	100		1.5	UX4	T
PP	10BM8	414 237 516		10	{ 11.5	100		3	2.2	100	60		B9A	TP
PP	10BQ5	041 230 605		10	{ 7.3	250	250	41	7.5	100	100		B9A	P
PP	10C1	276 454 130		28	{ 3.3 2.5	100 200	100	6 8	3 2.5	100 200	60 100	3 2.5	B8A	TH
TP	10C2	276 454 130		28	{ 3.3 1.5	100 175	100	6 3	3 5	100 100	60 100	3 5	B8A	TP
TT	10C8	641 237 541		10.5	{ 2.7 1.5	250 150	125	7.3 11.5	4.4 8	100 125	60 125	5 8	B9A	TP
PP	10C14	541 237 164		19	{ 2.2	200	100	13.7 5	3.7 2.3	100 100	60 100		B9A	TP
TP	10CW5	*41 23* 6*5		10	12.5	150	150	70	10	No Data Available			B9A	P
TP	10D1	892 310 000		13				5		D			B5	RR
Y	10D2	192 310 800		19				5		D			B7G	RR
DDDT	10DA7	614 237 411		10.5	{ 8 17.5	250 150		9 40	2.6 5.7	100 100			B9G	TT
DDDT	10DA8	604 237 411		10.5	{ 8	250		9	2.6	100			B9A	TT
TT	10DE7	744 236 411		10	{ 17.5 11	150 250		32 5.5	6.5 2	100 100			B9A	TT
P	10DR7	744 236 411		9.7	{ 17.5 3	150 250		35 1.4	6.5 1.6	100 100			B9A	TT
DDT	10EB6	146 231 457		10.5	{ 2	250	125	2	2.7	100	100		B9A	TP
P	10EG7	471 461 230		9.7	{ 11 17.5	350 150		5.5 45	2 7.5	100 100			AO8	TT
TP	10EM7	461 471 230		9.7	{ 20 3	150 250		50 1.4	7.2 1.6	100 100			B9A	TT
PP	10ER5	142 360 100		10.8	1.2	200		10	10.5	No Data Available			B7G	T
PP	10EW7	744 236 411		9.7	{ 17.5 11	150 250		45 5.5	7.5 2.0	100 100			B9A	TT
TP	10DX8	461 237 145		10	{ 1.7 2.1	200 200	175	3 18	4 11	100 100	60 100	4	B9A	TP
TP	10F1	261 514 130		22	1.8	200	200	100	9	100	100		B8A	P
P	10F3	250 154 130		22	2.3	200	200	6	6.5	100	150	7	B8A	P
TP	10F9	260 154 130		13	2.5	200	100	7	2.3	100	100	2.3	B8A	P
TP	10F18	141 230 651		13	1.3	200	100	12	4.5	100	100		B9A	P
TP	10FD7	644 237 411		9.7	{ 17.5	250 150		6 45	1.6 7.5	100 100		1.6	B9A	TT
TT	10FD12	541 236 891		19	1.5	200	200	11	4.5	100	100		B9A	DDP
TP	10FG7	141 237 064		9.7	{ 3 20	250 150		1.4 50	1.6 7.2	100 100			B9A	TT
P	10FR7	644 237 411		9.7	{ 3 20	250 150		1.4 50	1.6 7.2	100 100		0.5 5.8	B9A	TT
T	10GF7	141 237 064		9.7	{ 20 3	150 250		50 1.4	7.2 1.6	100		1.6	B9D	TT
DDDT	10GN8	146 231 457		10.5	{ 2 3	250 200	150	2 25	2.7 11.5	100 100	60 100	3	B9A	TP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
8HG8	141 234 675		8	{ 3	100		14	5.5	100	60	5.5	} B9A	TP
8JE8	146 231 457		8.2	{ 1.2	200	150	10	12	100	100			} B9A
				{ 2	200		4.5	4.2	100	60	4		
				{ 250	150		22	12	100	100			
8JK8	741 236 410		8.4	{ 1.0	100		5.3	6.8	100		6	} B9A	TT
8JV8	146 231 457		8.5	{ 1.2	150		10	13	100				} B9A
				{ 2	200		4	4	100			} B9A	
				{ 2.9	200	200	22	10.7	100	100	7.4		
8LE8	611 230 154		8	{ 2.5	100	100	8	5.8	100	100	5.8	B9A	PP
8MP12	412 365 400		8.5		200	175	25		100	100		B7G	P
8NP12	412 365 400		8.5		200	175	25		100	100		B7G	P
8RB11	504 234 106		8.5	12.5	200	200	45	7.5	100	100		B9A	P
8RHP1	414 237 516		8.2	{ 16	100		3.5	2.5	100	60	2.5	} B9A	TP
				{ 200	200	35	8.4	100	100	6			
8SN7	461 471 230		8.4	8	250		9	2.6	100		2.6	AO8	TT
8T27	641 237 410		8.4		150		10	6.8	100			B9A	TT
9A1	542 231 000	A1	4	1.5	200	75	5	4.2	100	75	4.2	B5	P
9A1	045 231 500	A1	4	1.5	200	75	5	4.2	100	75	4.2	B7	P
9A3	061 231 500	G1	4	2	250	125	10	1.8	100	100	1.8	B7	P
9A8	645 237 114		9	{ 2	100		14	5	100	60	5	} B9A	TP
9AB4	602 304 100		9	{ 2	200	175	10	6.2	100	150	5		} B7G
9ABC40	891 230 146		9.5	1.9	170		1	1.4	No Data Available			B9A	
9AK8	191 233 146		9.5	2.3	200		1	1.4	100		1.4	B9A	DDDT
9AQ8	641 237 410		9	2.1	200		10	5.8	200		5.8	B9A	TT
9AU7	741 226 413		4.7	3.5	250		10.5	2.2	100		2.2	B9A	TT
9BM5	412 365 400		9	6	250	250	30	7	100	100		B9A	P
9BQ7A	641 237 410		8.4	2	150		9	6.4	100		6	B9A	TT
9BR7	641 229 813		4.7	2.0	250		10	4	100		4	B9A	DDT
9BW6	*41 230 651		9	12.5	250	250	45	4.1	100	150	4	B9A	P
9C8	645 237 114		9	{ 2	100		14	5	100	60	5	} B9A	TP
				{ 2	200	175	10	6.2	100	100			
9CL8	461 237 514		9.5	{ 0.75	150		15	8	100		7.5	} B9A	TP
9D2	061 231 500	G1	13	{ 0.1	150	125	12	5.8	125	150	5		} B7
9D6	412 361 500		6	3	250	125	10.5	1.65	100	100	1.8		
9D7	141 230 651		6	2.5	250	200	8	2.5	100	100	2.5	B7G	P
9DZ8	414 237 516		9	{ 1.5	250	100	10	8.4	100	100		B9A	P
				{ 150	150		0.8	1.4	100	60	1.4	} B9A	TP
				{ 150	125	45	7.5	100	100				
9EA8	857 238 114		18.9	{ 1	150		18	8.5	100		7.8	} B9A	TP
9EF6	026 540 310		9.4	{ 1	125	125	12	6.4	100				} AO8
9EN7	157 236 414		9	{ 18	250	250	50	5	100	100		} B9A	
				{ 150	150		6	5	100	60			} B9A
				{ 200	150		7.6	8.5	100	100		} B9A	
9GV8	641 237 541		9.4	{ 250	250		8		100	60			} B9A
				{ 250	250		12		100	100		} B7G	
9J6	762 344 100		9	0.85	100		8.5	5.3	100		5.3		
9JT8	148 231 578		7.7	{ 2	250		1.5	2.7	100			} B9A	TP
9P9	412 365 400		9	{ 1.6	200	100	1.7	20	100	100	28		} B9A
				{ 6	250	250	30	7	100	100			
9RA6	140 230 406		9.5	12	250		26	8.5	100			B9A	T
9T8	191 238 146		9.5	3	250		1	1.2	100		1.3	B9A	DDDT
9T26	641 237 410		9.5	2.3	250		10	6	100		6	B9A	TT
9TP4	145 237 614		9.4	{ 68	150		18	8.5	100	60		} B9A	TP
				{ 250	100	10	5.2	100	100				

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
10GW8	415 237 146		10	{ 1.7 7	250 250		1.2 36	1.6 10	100 100	60 100	1.6	B9A	TP
10HF8	146 231 457		10	{ 2 1	250 250	250	4 25	4 12.5	100 100	60 100	4	B9A	TP
10JT8	148 231 578		10.2	{ 2 1.6	250 200	100	1.5 17	2.7 20	100 100	100		B9A	TP
10JY8	146 231 457		10.5	{	125 200 100	150	15 24 15	10.4 11 10.4	100 100	60 100	9.5 7.8	B9A	TP
10KR8	146 231 457		10.5	{	200 100	100	19.5 20.0		No Data Available			B9A	TP
10KU8	19* 231 478		10.2	1.6	200	100	17	20	100		14	B9A	DDP
10L1	412 314 660		19	1.5	250		10	8.5	100		8	B7G	T
10L14	641 237 410		26	2.1	200		10	5.8	100		5	B9A	TT
10LB8	148 231 578		10.2	{ 0.9 1.6	125 200	100	13 17	5 20	100 100		14	B9A	TP
10LD3	264 098 130		14	1.1	150		0.6	1.95	150		1.9	B3A	DDT
10LD11	264 098 130		15	5.9	250		5	2.3	100		3	B9A	DDT
10LD12	491 238 146		28	2.3	200		1	1.4	100		1.4	B9A	DDDT
10LD13	641 233 09*		13	4.4	150		0.5	1.4	100		1.4	B9A	DDT
10LE8	011 236 154		10	2.5	100	100	8	5.8	100	100	5.8	B9A	PP
10P13	260 054 130		40	6	150	150	30	7.5	100	100	6	B9A	P
10P14	026 540 310		40	9.4	200	175	40	7.2	100	150	6	AO8	P
10P18	*41 23* 6*5		45	12.5	200	175	70	10	100	100	9	B9A	P
10PL12	414 237 516		50	{ 16 4.5	100 200	200	3.5 35	2.5 6.4	100 100	60 100	2.5	B9A	TP
11	362 400 000		1.1	4.5	90		2.5	0.4	80		0.4	UX4	T
11A1	*1* 234 **6		6.3		150		100	12				B9A	T
11A2	908 231 600	G1	4	2	200		3	2.8	100		2.8	B7	DDT
11A6	264 147 300		10	1	100			3.1	100		3.1	AO8	TT
11C5	026 040 310		10	1	100			2	100		2	AO8	T
11CY7	7*4 236 411		11	{ 3 30	250 150		1.2 5.4	1.3 100	100 100			B9A	TT
11D3	908 231 600	G1	13	2	250		0.6	1.1	100		1.1	B7	DDT
11D5	908 231 600	G1	13	3	250		3.8	1.5	150		1.5	B7	DDT
11E1	216 540 030		6		250	250	50	7.3	100	100	7	MO8	P
11E2	020 540 310	A1	6	16.5	200	200	25	9	100	150	8	AO8	P
11E8	200 647 310	G1	11		150		20		100			AO8	TT
11E13	414 226 573		6.3	40	300	200	75		No Data Available			B9A	PP
11F5	026 540 310		10	1	100	150		2.5	100	150	2.5	AO8	P
11J7	026 500 310	G1	10	1	250	100		1.2	250	100	1.2	AO8	P
11JE8	146 231 457		10	{ 2 200	200	175	4.5 22	4.2 12	100 100	60 100		B9A	TP
11K7	026 500 310	G1	10	1	250	100		1.4	250	100	1.4	AO8	P
11L5	026 540 310		10	1	100	150		6	100	150	6	AO8	P
11N7	026 447 310		10	1	100			3.1	100		3.1	AO8	TT
11QL8	146 231 457		10.9	{ 1 1.4	125 200	125	15 20	10.4 23	100 100		15	B9A	TP
11X5	023 090 310		11				30		REC		15mA	AO8	RR
12	364 200 000		1.1	4.5	90		2.5	0.42	80		0.4	UX4	T
12A	264 300 000		5	4.5	90		5	1.5	80		1.5	UX4	T
12A4	142 330 406		6	9	250		23	0.3	250		0.8	B9A	T
12A5	265 413 200		6	15	100	100	17	1.7	100	90	1.7	UX7	P
12A6	026 540 310		12.5	12.5	250	250	30	2	100	150	3	AO8	P

TYPE	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		
TP	12A7	265 181 300	G1	12.5	{ 12.5	150	150	30	1	REC	15mA	} Sm7	RP	
	12A8	026 545 310	G1	12.5		3	250	100	9	1.15	100		100	1
TP	12AB5	504 234 156		12	12.5	250	250	45	4.1	250	200	4	B9A	P
	12AB5	421 060 350		12	22.5	250	150	57	5.9	100	100	5.8	AO8	P
TP	12AC5	26* *54 130		12	3	200	125	2.3	2.3	100	150	2.3	B8A	P
	12AC6	412 365 100		12.6	10	12.6	12.6	0.5	0.7	No Data Available			B7G	P
TP														
TI	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
DDP	12AD7	641 227 413		6	2	250		1.25	1.6	100			B9A	TT
T	12AE6	412 389 600		12.6		12.6		0.7	1	No Data Available			B7G	DDT
TT	12AE7	641 227 413		6.3		12.6		0.9	0.5	No Data Available			B9A	TT
TP	12AF3	*** 23* 88*		12.6				120		REC	40mA		B9A	R
DDT	12AF6	412 365 100		12.6		12	12	0.7	1.1	No Data Available			B7G	F
	12AG6	412 365 100		12.6	0.8	12	12	0.5		No Data Available			B7G	H
DDT	12AH6	412 365 100		12.6	2	300	150	10	9	100	100	8	B7G	P
DDDT	12AH7	417 146 230		12.5	3.6	100		3.7	1.55	80		1.5	AO8	TT
DDT	12AH8	541 227 463		6	{ 3	100		14.7	3.5	100	60	3.5	} B9A	TH
PP						250	100	2.6			100	100		2.8
P	12AJ6	412 389 600		12.6		12		0.7	1.2	No Data Available			B7G	DDT
P	12AJ7	541 237 464		12	{ 2.5	100		4	2	100	60	2	} B9A	TH
						250	90	3	0.6		100	100		
TP	12AJ8	541 237 464		12	{ 1.2	60		2.6		60	60		} B9A	TH
						100	60	1.7			100	60		
T	12AK7	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
T	12AL5	192 310 800		12.5				5		D			B7G	RR
DDT														
TI	12AL8	654 237 141		12.6	{ 0.9	12		0.2	0.5	No Data Available			} B9A	TP
						0.8	12	12	25	8				
T	12AQ5	412 365 400		12.5	12.5	250	250	45	4.1	100	150	4	B7G	P
TT	12AS5	142 345 600		12	8.5	150	100	35	5.6	150	100	5.6	B7G	P
DDT	12AT6	412 389 600		12.5	3	250		1	1.2	100		1.2	B7G	DDT
DDT	12AT7	741 226 413		6	2	250		10	5.5	200		5	B9A	TT
DDT														
P	12AU4	001 060 230		12				120		REC	40mA		AO8	R
P	12AU6	412 365 100		12.5	1	250	150	10.8	5.2	100	100	5.2	B7G	P
P	12AU7	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
TT	12AU8	146 231 457		12.6	{ 150			8.5	4.9	100	60		} B9A	TP
PP						200	125	15	7		100	100		
P	12AV5	421 060 350		12.6	22.5	250	150	55	5.5	No Data Available			AO8	P
P	12AV6	412 339 600		12.5	2	250		1.2	1.6	100		1.2	B7G	DDT
TP	12AV7	741 226 413		6	1	150		18	8.5	100		7	B9A	TT
P	12AW6	412 365 100		12.5	1.5	250	150	7	5	100	150	5	B7G	P
P	12AW7	412 365 100		12.5	1.8	250	150	7	5	100	150	5	B7G	P
TT	12AX4	091 080 230		12.5				120		REC	35mA		AO8	R
TP	12AX7	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
RR	12AY3	080 230 801		12.6				180		REC	35mA		B9D	R
T	12AY7	641 227 413		6	4	250		3	1.7	100		1.7	B9A	TT
T	12AZ7	741 226 413		6	2	200		10	5.5	100		5.5	B9A	TT
T	12B3	080 230 008	C1	12.6						D			B9A	R
T														
P	12B4	142 330 406		6	17.5	150		34	6.4	150		6.3	B9A	T
P	12B6	026 080 310	G1	12.5	2	250		0.9	1.1	150		1.1	AO8	DDT
P	12B7	265 104 130		12.5	3	250	100	9.2	2	100	100	2	B8B	P
P	12B8	127 561 340	G1	12.5	{ 1.1	100		0.6	1.5	100	60	1.5	} AO8	TP
						3	100	100	8	2.1	90	90		1.8

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		
12BA6	412 365 100		12.5	1	250	100	11	4.4	100	100	4.4	B7G	P
12BA7	641 231 106		12.5	2	100		18	7	100		7	B9A	H
12BC32	412 389 600		12	2	250		1	1.6	100		1.2	B7G	DDT
12BD6	412 365 100		12.5	3	250	100	9	2	100	100	2	B7G	P
12BE6	412 366 100		12.5	6	150		7.5	3.5	100		5	B7G	H
12BF6	412 398 600		12.5	9	250		9.5	1.9	100		1.9	B7G	DDT
12BH7	741 226 413		6	10.5	250		11.5	3.1	100		4	B9A	TT
12BK5	604 231 450		12	5	250	250	35	8.5	100	150	3	B9A	P
12BK6	412 389 600		12.5	2	250		1.2	1.6	150		1.6	B7G	DDT
12BL6	412 365 100		12.6	0.6	12	12	1.4	1.3	No Data Available			B7G	P
12BN6	142 354 600		12.5	1	60	60	0.5	1	80	60	1	B7G	P
12BQ6	020 540 310	A1	12	22.5	250	150	57	5.9	100	100	5	AO8	P
12BR7	641 228 913		6	2	250		10	5.5	100		4	B9A	DDT
12BR7A	641 228 913		6.3		100		3.7	4	100			B9A	DDT
12BS3A	*8* 23* 8*1		12.6				180		REC		40mA	B9D	R
12BT6	412 389 600		12.5	3	250		1	1.2	150		1.2	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		B9A	P
12BW4	800 230 901		12				30		REC		15mA	B9A	RR
12BX6	141 230 651		12.6	2	150	150	10	7.4	100	100		B9A	P
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	11	8	125	125	7	B7G	P
12BZ7	741 226 413		6	2	250		2.5	3.2	100		3	B9A	TT
12C2C	026 040 310		12.6	8	250		9	2.6	100			AO8	T
12C5	142 345 600		12	7.5	150	100	49	7.5	100	90	6	B7G	P
12C8	026 985 310	G1	12.5	3	250	125	10	1.3	100	100	1.3	AO8	DDP
12CA5	142 345 600		12	4.5	125	125	36	9.2	100	100	8	B7G	P
12CD6	021 040 350	A	12.6	55	150	150	75	7.7	100	100		AO8	P
12CM6	504 234 106		12	12.5	250	250	45	4.1	100	100		B9A	P
12CN5	142 345 600		12.6		12	12	4.5	3.8	No Data Available			B7G	P
12CR5	154 231 541	A1	12.6	22.5	250	150	65	6	100	100		B9A	P
12CR6	182 365 400		12	2	250	100	6.9	2.2	100	100	2	B7G	DP
12CS5	514 234 1*6		12.6	10	200	125	47	8	100	188		B9A	P
12CS6	112 365 400		12	1	100	30	0.8	1.5	No Data Available			B7G	P
12CT8	641 237 541		12	1.4	150		9	4.9	100	60	4.5	B9A TP	
12CU5	142 345 600		12	1.5	200	125	15	7	100	100		B7G P	
12CU6	020 540 310	A1	12	8	150	100	50	7.5	100	100	7		
12CX6	412 365 100		12.6		12	12	3	3.1	No Data Available			B7G	P
12CY6	412 365 100		12.6		12	12	1.5	3.2	No Data Available			B7G	P
12D4	**1 *8* 230		12						D			AO8	D
12D26	412 365 100		12.6		12	12	4.5	3.3	No Data Available			B7G	P
12DA6	041 230 651		12	1	200	100	12	4.4	100	100		B9A	P
12DB5	614 234 1*6		12.6	9.6	200	125	46	8	100	100		B9A	P
12DE8	418 236 151		12.6	0.8	12	12	1.3	1.5				B9A	DP
12DF5	801 229 013		6.3				30		REC		15mA	B9A	RR
12DF7	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT
12DJ8	641 237 410		12.6	1.3	100		15	12.5	No Data Available			B9A	TT
12DK5	141 230 651		12.6		12	12	2	3.3	No Data Available			B9A	P
12DK6	412 397 100		12.6	0.9	125	125	12	9.8	100	100	8.4	B7G	P
12DK7	141 223 651		6.3		12	12	6	5	No Data Available			B9A	P

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vt	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
P	12DL4	414 234 464		12		150		12.5	14	No Data Available			B9A	T
	12DL6	815 236 419		12.6	2.5	12	12	3.8	6.5	No Data Available			B9A	DDP
H	12DL8	814 235 519		12.6	0.5	12	12	40	15	No Data Available			B9A	DDP
DDT	12DM4	0*1 030 230		12.6				180		REC		35mA	B9A	R
	12DM5	142 345 600		12.6	7.5	150	100	49	7.5	100	100		B7G	P
P	12DM7	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT
DDT	12DQ6	020 540 310	A1	12	22.5	250	150	75	6.6	100	100		AO8	P
TT	12DQ7	141 223 651		6	2.1	100	125	26	10.5	100	100		B9A	P
P	12DS7	805 236 419		12.6	2	12	12	40		No Data Available			B9A	DDP
	12DT1	412 369 600		12.6	3	250		1	1.2	100		1.2	B7G	DDT
D	12DT2	412 389 600		12.6	2	250		1.1	1.6	100		1.6	B7G	DDT
P	12DT5	504 234 1*6		12.6	16.5	250	250	38	6.2	100	100		B9A	P
P	12DT6	412 365 100		12.6	2.2	150	100	1.1	1.8	150	100	2	B7G	P
DDT	12DT7	641 227 413		6.3	2	250		1.2	1.6	100		1.6	B9A	TT
	12DT8	741 236 410		12.6	2.5	250		10	5.5	100		4	B9A	TT
DDT	12DU7	415 236 8*9		12.6		12	12	12	6.2	No Data Available			B9A	DDP
R	12DV7	198 226 413		12.6		12		0.4	0.7	No Data Available			B9A	DDT
DDT	12DV8	914 236 518		12.6	1.0	12.6	12.6	6.8		No Data Available			B9A	DDP
P	12DW5	504 234 106		12.6	22.5	200	150	55	5.5	100	100		B9A	P
	12DW7	641 337 412		6.3	2	250		1.2	1.6	100		2.5	B9A	TT
RR					8.5	250		10.5	2.2	100		3.5	B9A	TT
P	12DW8	641 237 418		12.6	0	12.6		1.9	2.7	No Data Available			B9A	DDT
P					0	12.6		7.5	6.5				B9A	DDT
P	12DY8	415 237 164		12.6		12		1.2	2	No Data Available			B9A	TT
TT						12	12	14	6				B9A	TT
T	12DZ6	412 365 100		12.6		12	12	4.5	3.8	No Data Available			B7G	P
P						150		0.8	1.4	100		1.6	B9A	TP
DDP	12DZ8	414 236 517		12		150	125	45	7.5	100	100	5.0	AO8	P
P	12E1	020 540 310	A1	6	18	150	150	75	9.8	100	100	10	AO8	P
P	12E1C	*36 541 210		6.3	20	300	150	90	10	No Data Available			AO8	P
P	12E4	541 237 464		12.6	2.6	200		5.4		100	60		B9A	TH
P	12E5	026 040 310		12.5	13.5	250	100	3.7		100	100		B9A	TH
DP						250		5	1.4	100		1.4	AC8	T
P	12E8	027 546 310	G1	12	2	100		3.3		100	60		AO8	TH
P					2	100	100	3	0.5	100	100	0.5	AO8	TH
P	12E14	*36 541 210		6.3	20	300	150	90	10	No Data Available			AO8	P
P	12EA6	412 365 100		12.6		12	12	3.2	3.8	No Data Available			B7G	P
TP	12EC9	461 237 514		12.6		12	12	2.4	4.7	No Data Available			B9A	TP
P						12	12	0.6	2				B9A	TP
P	12ED5	142 345 600		12.6	4.0	100	100	32	8.1	100	100	9	B7G	P
P	12FF6	026 540 310		12.6	18	250	250	50	5.0	100	100		AO8	P
P	12EG6	412 365 400		12.6	0.8	12.6	12.6	0.4	1.0	No Data Available			B7G	H
P	12EH5	142 345 600		12.6	3.2	100	125	42	14.6	100	125		B7G	P
D	12EK6	412 365 100		12.6		12	12	4.4	4.2	No Data Available			B7G	P
P	12EL6	452 388 100		12.6		12		0.7	1.2	No Data Available			B7G	DDT
P						12		6	5	No Data Available			B9A	DP
DP	12EM6	415 235 **8		12.6		12	12	6	5	No Data Available			B9A	DP
RR	12EN6	026 540 310		12.6	9.5	200	100	50	8.0	100	60		AO8	P
TT	12EQ7	141 235 680		12.6		100	100	9	3.9	100	100		B9A	DP
TT	12ES5	142 360 100		12.6	1	200		10	9.4	100			B7G	T
TT	12EX6	412 365 100		12.6	1.0	12	12	2.4	4	No Data Available			B7G	P
P	12EZ6	412 365 100		12.6	0.7	12	12	1.9	2.7	No Data Available			B7G	P
P	12F	280 300 000		5				60		REC		20mA	UX4	R
P	12F5	020 600 310	G1	12.5	2	250		0.9	1.5	150		1.5	AO8	T
P	12F8	856 239 141		12.6	0	12	12	1	1	No Data Available			B9A	DDP

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		
12F31	412 365 100		12	1	100	100	10.8	4.3	100	100	4.3	B7G	P
12FK6	412 399 600		12.6		12		1.3	1.2	No Data Available			B7G	DDT
12FM6	412 399 600		12.6		12		1	1.3	No Data Available			B7C	DDT
12FQ8	747 236 461		12	1	200		3	1.5	100		1.5	B9A	TF
12FR8	414 325 786		12.6	{ 9.6 0.8	12 12	12	1 1.9	1.2 2.7	No Data Available			B9A	DTP
12FT6	412 399 600		12.5		12		2	1.9	No Data Available			B7G	DDT
12FX8	547 324 161		12.6	{	12.6 12.6		1.3 0.3	1.4 0.3	No Data Available			B9A	TH
12FX8A	547 324 161		12.6	{	12.6 12.6		1.3 0.3	1.4 0.3	No Data Available			B9A	TH
12G4	602 364 100		12	8	250		10	3	100		3	B7G	T
12G7	026 980 310	G1	12.5	3	250			1.2	100			AO8	DDT
12G8	714 226 143		6.3	12.6			7.2	2.6	No Data Available			B9A	TT
12GA6	412 366 100		12.6		12.6		3.6	2.4	No Data Available			B7G	O
12GB3	*2* 540*310	A1	12.6	7.7	100	100	100	14	No Data Available			AO8	P
12GB6	020 540 070	A1	12.6	22.5	250	150	57	5.9	100	100	5	AO8	P
12GB7	020 540 310	A	12.6	7.7	100	100	100	14	No Data Available			AO8	P
12GJ5	541 234 5**	A1	12.6	22.5	250	150	70	7.1	100	100		B9D	P
12GK17	001 060 230		12.6				120		REC		30mA	AO8	R
12GN6	412 365 800		12.6	68	250	100	11	4.4	100	100		B7G	DP
12GN7	141 230 651		12.6	2	250	150	28	36	100	100		B9A	P
12GT5	541 324 5*6		12.6	22.5	250	150	70	7.1	100	100		B9D	P
12GW6	020 540 310	A1	12.6	22.5	250	150	70	7.1	100	100		AO8	P
12H1C	416 147 230		12.6	6.5	200		7.6	1.9	100			AO8	TT
12H4	623 364 100		6	8	250		9	2.6	90		3	B7G	T
12H6	029 180 310		12.5						D		4	AO8	DD
12H10C	064 471 220		12.6	2	250		2	1.3	100			AO8	TT
12H31	412 365 400		12.6		100	100	2.8	0.4	100	100	0.4	B7G	H
12J5	026 040 310		12	8	250		9	2.6	100		2.6	AO8	T
12J7	026 510 310	G1	12.5	3	250	100	2	1.225	100	100	2.2	AO8	P
12J8	415 236 189		12.6		12	12	12	5.5	No Data Available			B9A	DDP
12JB6	541 234 51*	A1	12.6	22.5	250	150	70	7.1	100	100		B9D	P
12JN8	431 238 715		12.6	{ 1 1	125 125	125	12 13.5	7.5 3.5	100	100		B9A	TP
12JT6	541 231 5*6		12.6	22.5	250	150	70	7.1	100	100		B9D	P
12K5	142 355 600		12.6	2	12	12	8	7	No Data Available			B7G	P
12K7	026 510 310	G1	12.5	3	250	125	10.5	1.65	100	100	1.6	AO8	P
12K8	027 546 310	G1	12.5	{ 1 3	100 250	100	8 4	2.5 1.2	100	60	3	AO8	TH
12L6	026 510 310		12	8.25	200	125	46	8	100	100	8	AO8	P
12L8	414 752 360		12.5	9	200	175	13	2.1	100	100	2.1	AO8	PP
12M7	026 510 310	G1	12	2.5	100	100	6	2.2	100	100	2.2	AO8	P
12NK7	026 510 310	G1	12.5	2	250	100	5	2.3	100	100	2.3	AO8	P
12P1	112 365 100		12.6	63	250	100	11	4.4	100	100		B7G	P
12P2	412 365 100		12.6	63	250	150	10.6	5.2	100	100		B7G	P
12Q7	026 980 310	G1	12.5	3	250		1	1.2	150		1.2	AO8	DDT
12R5	142 345 600		12.6	3.5	100	100	40	7	100	100		B7G	P
12RK19	*** 23* **8	C	12.6				180		REC		40mA	B9A	R
12RL3	641 227 413		12.6		150		10	5.5	100			B9A	TT
12S7	268 154 130		13	2	250	90	5	2	100	100	1.9	B3A	DP
12S8	118 916 230	G1	12.5	2	250		0.9	1.1	150		1.1	AO8	DDDT
12SA7	126 641 340		12.5	3.5	100		12	4.3	100		4.5	AO8	H

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
P	12SC7	074 461 230		12.5	2	250		2	1.3	150		1.3	AO8	TT	
DDT	12SF5	014 060 320		12.5	2	250		0.9	1.5	150		1.5	AO8	T	
DDT															
TT	12SF7	041 586 230		12.5	1	250	100	12.9	2	100	100	2	AO8	DP	
DTP	12SG7	021 415 360		12.5	1	250	125	11.8	4.7	100	100	4.7	AO8	P	
	12SH7	021 415 360		12.5	1	250	150	10.8	4.9	100	150	4.9	AO8	P	
	12SJ7	021 415 360		12.5	3	250	100	3	1.65	100	100	1.6	AO8	P	
DDT	12SK7	021 415 360		12.5	3	250	100	9.2	2	100	100	2	AO8	P	
TH															
TH	12SL7	461 471 230		12.5	2	250		2.5	1.6	150		1.6	AO8	TT	
	12SN7	461 471 230		12.5	8	250		9	2.6	100		2.6	AO8	TT	
	12SQ7	041 896 230		12.5	2	250		0.9	1.1	150		1.1	AO8	DDT	
T	12SR7	041 986 230		12.5	9	250		9.5	1.9	100		1.9	AO8	DDT	
DDT	12SS7	021 415 360		12.5	3	250	100	9	1.85	100	100	1.8	AO8	P	
TT															
O	12SW7	041 986 230		12.5	9	250		9.5	1.9	100		1.9	AO8	DDT	
P	12SX7	471 461 230		12.5	8	250		9	2.6	100		2.6	AO8	TT	
P	12SY7	126 641 340		12.5	1	100		22	4.5	100		4.5	AO8	H	
P															
P	12TE8	427 546 310		12	}	100		3.4		100	60		}	AO8	TH
						250	100		3.7		100	100			
P	12TE9	651 237 440		12	}	100		3.4	0.75	100	60		}	B9A	TH
						250	100		3		100	100			
DP	12U7	741 226 413		6		12		1.2	1	No Data Available			B9A	TT	
P	12V6	026 540 310		12.5	12.5	250	250	45	4.1	100	150	4	AO8	P	
P	12W6	026 540 310		12	9.5	150	150	58	8.0	100	100	8.0	AO8	P	
P	12WC5	265 414 300		12	1.5	250	100			No Data Available			UX7	P	
	12X3	210 300 000	D1	12.5				60		REC			UX4	R	
TT															
T	12X4	802 309 100		12.5				30		REC			15mA	B7G	RR
DD	12Y4	892 310 000		12				31		REC			15mA	UX4	RR
TT	12Z3	281 300 000		12.6				30		REC			15mA	UX4	R
H	12Z4	281 360 000		12.5				60		REC			60mA	UX4	R
T	12Z5	281 319 200		6				30		REC			15mA	UX7	RR
P															
DDP	12ZDH3A	264 813 000		12	2	250		1.5	1.5	125		1.2	UX6	DT	
P	12ZP1A	265 413 000		12	9	200	200	30	2.3	100	150		UX6	P	
P	13	298 300 000		5				60		REC			20mA	UX4	RR
TP	13BCIU	206 081 930	G1	2.5	1.8	200		3	2	150		2	B8B	DDT	
P	13BF2U	206 581 530	G1	12.5	2.1	200	200	5	2	100	200	2	B8B	DDP	
P	13CM5	020 540 310	A	12.8		100	100	100	14	100	100		AO8	P	
P	13D1	461 471 230		25	8	250		2	2.6	100		2.5	AO8	TT	
	13D2	461 471 230		6	8	250		9	2.6	100		2.6	AO8	TT	
TH	13D3	741 226 413		6	4.6	250		6	2.3	100		2.3	B9A	TT	
P	13D5	751 226 413		6.3	8.5	250			1.6	100		1.8	B9A	TT	
BP	13D7	146 231 074		6.3		250		2.2	3.3	100			B9A	TT	
P	13D8	741 226 413		6.3	8.5	250		10.5	2.2	100		2.2	B9A	TT	
P	13D9	741 226 413		6.3	2	200			5.7	100		1	B9A	TT	
P															
P	13DE7	644 237 410		13	}	250		5.5	2	100			}	B9A	TT
						17.5	150		32	6.5	100				
DDT	13DHA	908 231 600	G1	13	1.5	250		1	1.5	100		1.5	B7	DDT	
	13DR7	644 237 410		13	}	250		1.4	1.6	100			}	B9A	TT
						17.5	150		35	6.5	100				
P															
TT	13EM7	471 461 230		13	}	150		50	7.2	100			}	B9A	TT
DP						3	250		1.4	1.6	100				
	13F7	023 110 560	G1	13	2	200	100	3	3.1	100	100		8SC	P	
	13F9U	206 501 130	G1	12.5	2.6	200	200	6.2	2.2	100	200	2.2	B8B	P	
DDDI															
H	13FD7	644 237 411		6.3	}	250		6	1.6	100			}	B9A	TT
						17.5	150		45	7.5	100				

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
13FG7	141 236 074		13	{ 20 3	150 250		50 1.4	7.2 1.6	100 100			B9A	TT
13FR7	644 237 411		13	{ 3 20	250 150		1.4 50	1.6 7.2	100 100			B9A	TT
13GF7	541 237 064		13	{ 20 3	150 250		50 1.4	7.2 1.6	100 100		1.6	B9D	TT
13H1	023 110 560	G1	3	2	200	100	3	2	100	100	2	8SC	P
13H2	023 110 560	G1	13	3	200	100	8.2	1.8	100	100	1.8	8SC	P
13PGA	645 231 700	G1	13	{ 20 3	200 250	100	4 3.5		100 100	60 100		B7	H
13SPA	061 231 500	G1	13	3	200	100	2.3	1.7	100	100	2.2	B7	P
13V1	013 189 560	G1	13	8.5	200	200	45	4.4	100	150	4	8SC	DDP
13VPA	061 231 500	G1	13	3	200	100	7	1.8	100	100	1.8	B7	P
14	265 130 000	G1	14	3	250	90	4	1	100	90	1	UX5	P
14A4	260 0*4 130		12.5	8	250		9	2.6	100		2.6	B9B	T
14A5	265 004 130		12.5	12.5	250	250	30	3	100	150	3	B8B	P
14A7	265 104 130		12.5	3	250	100	9.2	2	100	100	2	B8B	P
14AF4	216 447 130		12	10	250		9	2.1	100		2	B8B	TT
14AF7	216 447 130		12.5	9	250		9	2.1	100		2.1	B8B	TT
14B6	264 *89 130		12.5	2	250		0.9	1.1	150		1.1	B9B	DDT
14B8	265 454 130		12.5	2	250	100		1.1	100	100	1.1	B8B	H
14C5	265 004 130		12.5	12.5	250	250	47	4.1	100	150	4.1	B9B	P
14C7	265 114 130		12.5	3	250	100	2.2	1.5	100	100	1.5	B8B	P
14E6	264 *98 130		12.5	8	250		9.3	1.9	100		1.9	B8B	DDT
14E7	269 854 130		12.5	3	250	100	7.5	1.3	100	100	1.3	B9B	DDP
14F6	026 540 310		14	16.5	250	250	35	2.5	100	150	2.5	AO8	P
14F7	217 446 130		12.5	2	250		2.3	1.6	150		1.6	B8B	TT
14F8	427 116 340		12.5	3	250		6	3.3	150		3.3	B8B	TT
14GT8	181 239 146		14	3	250		0.7	1.0	100			B9A	DDT
14GW8	415 237 146		14.7	{ 1.7 7	250 250	250	1.2 36	1.6 10	100 100	60 100	1.6	B9A	TP
14H7	265 114 130		12.5	2	250	150	10	4.2	100	100	4.2	B8B	P
14J7	276 454 130		12.5	{ 3 3	150 250	100	6.6 1.4	1.4 100	100 100	60 100	1.4	B8B	TH
14JG8	181 239 146		14	2	250		2	2.2	100			B9A	DDT
14K7	276 454 130		14	{ 2 2	100 200	90	6.4 2.7	2.2 1.5	100 100	60 75	2.8 1.5	B9A	TH
14L7	264 098 130		14	1.6	200		15	1.65	150		-1.6	B8A	DDT
14N7	217 446 130		12.5	8	250		9	2.6	100		2.6	B8B	TT
14Q7	266 414 130		12.5	2	100		15	6	100		4.5	B8B	H
14R7	269 854 130		12.5	1	250	100	6.2	3.4	100	100	3.4	B8B	DDP
14S7	276 454 130		12.5	{ 1 2	100 250	100	4.8 4	1.4 2	100 100	60 100	1.6 2.2	B8B	TH
14V7	265 104 130		12.5	2	300	150	9.6	5.8	100	100	5.8	B8B	P
14W7	265 114 130		12.5	2.2	300	150	10	5.8	100	100	5.8	B8B	P
14X7	264 189 130		12.5	1	250		1.9	1.5	150		1.5	B8B	DDT
14Y4	208 009 130		12.5				30		REC		15mA	B9B	RR
14Z3	281 300 000		12.5				60		REC		20mA	UX4	R
15	264 300 000		2.5	33	250		22	2.35	100		2.0	UX4	T
15	265 130 000	G1	2	1.5	150	75	1.85	0.75	100	75	0.75	UX5	P
15A2	645 231 700	G1	4	{ 20 3	200 250	100	4 3.5		100 100	60 100		B7	H
15A6	451 231 600		15	2.9	200	175	36	10	100	100	9	B9A	P

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VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 180					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
15A8	124 451 360	A2	15	{ 8 7.5	250 100	100	9 45	2.6 7.3	100 100	60 100	2 7.5	A08	TP
15BD7A	641 238 090		15	1.5	200		1.5	1.6	100		1.6	B9A	DDT
15CW5	*51 23* 6*5		15	12.5	200	175	70	10	100	60		B9A	P
15D1	645 231 700	G1	13	{ 20 3	200 250	100	4 3.5		100 100	60 100		B7	H
15D2	645 231 700	G1	13	{ 20 3	200 250	100	4 3.5		100 100	60 100	0.6 4.6	B7	H
15DQ8	461 237 145		15	{ 1.7 2.9	200 200	150	18	4.0 11	100 100	60 100	4.0	B9A	TP
15E	260 501 300	G1	2		150	75	1.8	0.7	100	60		B7G	P
15EA7	461 471 230		14.8	25	200		48	6.5	No Data Available			A08	TT
15EW6	412 365 100		15		150	120	11	14	No Data Available			B7G	P
15F80	541 231 600		15		200	200	35	10	No Data Available			B9A	P
15KY8A	141 237 564		15	{ 3 10	250 150	100	1.4 39	1.6 8.4	100 100	60 100		B9D	TP
15LE8	011 236 154		15	2.5	100	100	8	5.8	100	100	5.8	B9A	PP
15TP7	461 237 145		15	{ 1.7 2.9	200 200	200	3 18	4 10.4	100 100	60 100		B9A	TP
15X6	029 180 310		25				30		REC		15mA	A08	RR
16	280 300 000		7.5				60		REC		20mA	UX4	R
16A5	*41 23* 6*5		16	14.2	200	200	45	7.5	100	100	7	B9A	P
16A8	414 237 516		16	{ 1.5 11.5	200 200	200	1.7 41	2.4 7.5	100 100	60 100	3 6	B9A	TP
16AQ3	*** 23* **8	C	16.4				180		REC		40mA	B9A	R
16B	280 300 000		7.5				60		REC		15mA	UX4	R
16GK6	141 230 651		16	7.4	250	250	48	11.3	No Data Available			B9A	P
16GK8	414 237 516		16		200	250	10	3.4	100	60		B9A	TP
16N8	414 237 516		15	{ 16 11.5	100 200	200	3.3 35	3.6 6.4	100 100	60 100	3.6	B9A	TP
16TP6	141 234 675		16	{ 11.5 11.5	100 200	175	3.5 41	2.5 7.5	100 100	60 100	2.5	B9A	TP
16TP8	141 234 675		16	{ 11.5 11.5	100 200	175	3.5 41	2.5 7.5	100 100	60 100		B9A	TP
17	264 130 000		14	6	90		2.7	0.8	80		0.8	UX5	T
17AV5	421 060 350		16	22.5	250	150	57	5.9	100	100	5.8	A08	P
17AX4	001 080 230		16.8				120		REC		35mA	A08	R
17AX4GTA	001 080 230		16.8				120		REC		35mA	A08	R
17AY3	*8* 23* 810		16.8				120		REC		30mA	B9D	R
17BH3	*8* 23* 8*1		17				180		REC		35mA	B9D	R
17BQ6	020 540 310	A1	17	22.5	250	150	75	6.6	125	100		A08	P
17BS3	*8* 23* 8*1		16.8				120		REC		40mA	B9D	R
17C5	142 345 600		16	7.5	150	100	49	7.5	100	90	6	B7G	P
17C8	541 236 891		17	2	200	125	5	2.2	100	100	2	B9A	DDP
17CA5	142 345 600		16.8	4.0	100	100	32	8	100	60		B7G	P
17CU5	142 345 600		16.8	7.5	100	100	49	7.3	100	100		B7G	P
17D1	869 231 500	G1	13	3	250	125	9	1.1	100	100	1.1	B7	DDP
17D4	**1 *8* 230		16.8				145		D			A08	D
17D4A	**1 *8* 230		16.8				180		REC		40mA	A08	R
17DA4	001 080 230		16.8				120		REC		30mA	A08	R
17DE4	001 080 230		17				120		REC		30mA	A08	R
17DM4	001 080 230		16.8				180		REC		35	A08	R
17DQ6	020 540 310	A1	16	22.5	250	150	75	6	125	100		A08	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
17EW8	741 236 410		17	1.1	100		4.5	4.6	100		4.6	B9A	TT	
17F6	041 230 865		17	23	250	200	53	5.0	100	100		B9A	P	
17FL8	541 236 891		17	1.5	200	100	11	4.5	100	100	4.5	B9A	DDP	
17GJ5	541 234 5**	A1	16.8	22.5	250	150	70	7.1	100	100		B9D	P	
17GT5	541 234 506		16.8	42	250	150	70	7.1	100	100		B9A	P	
17GW6	020 540 310	A1	16.8	22.5	250	150	70	7.1	100	75	4.5	B3A	P	
17GW8	415 237 146		16.8	{ 1.7 7.0	250 250		1.2 36	1.8 10	100 100	60 100		B9A	TP	
17H3	108 230 080		17.5				60		D			B9A	D	
17HC8	414 237 516		16.8	{ 3 18	250 250	250	1.4 38	2 5.1	100 100	60 100		B9A	TP	
17JB6A	541 234 51*	A1	16.8	22.5	250	150	70	7.1	100	100		B9D	P	
17JG6	541 231 5*6		16.8		150	100	80	10	100	100		B9D	P	
17JK8	714 236 410		16.8	{ 1.0 1.3	100 150		5.3 10	6.8 13	100	60	6	No Data Available	B9A	TT
17JT6A	541 231 5*6		16.8	22.5	250	150	70	7.1	100	100		B9D	P	
17L6	026 540 310		16.8	7.0	100	100	49	8	100	100		AO8	P	
17LD8	101 236 564		16.8	{ 5 8	150 125	100	3.3 44	1.9 7.1	100		4 7.7	B9A	TP	
17N8	541 236 891		17	2	200	75	5	2.2	100	75	2	B9A	DDP	
17R5	142 345 600		16.8	8.5	100	100	40	7	100	100		B7G	P	
17R7	*** 23* **8	C	17				120		REC			B9A	R	
17W6	026 540 310		16.8	9	200	125	46	8	100	100	6.8	AO8	P	
17Z3	*** 23* **8	C	17				120		REC		40mA	B9A	R	
18	265 413 000		14	16.5	250	250	34	2.5	100	150	2.5	UX6	P	
18A5	421 060 350		18	17	200	125	40	4.8	100	100		AO8	P	
18AK5	412 365 100		18	2.5	150	125	7.7	5.1	125	100	5.1	B7G	P	
18AQ5	412 365 100		18	7.2	150	175	28	3.5	100	125	3.5	B7G	P	
18C51	214 607 413		18	2	150		8.2	5.5	125		5.4	B9A	TT	
18D2	641 237 514		9.5	{ 1.8 1.6	150 200	175	12.5 10	10 10	100 100	60 100		B9A	TP	
18D3	645 237 114		6.3	{ 1 2	150 150	150	18 7	8.5 11	100 100	60 100		B9A	TP	
18DG6A	412 365 100		18	1	100	100	5	4.3	100	100	4.3	B7G	P	
18DZ8	414 237 516		18	{	100 150	125	0.8 45	1.4 7.5	100 100	60 100		B9A	TP	
18F24	261 154 130		18	2.1	250	200	15	10.5	100	100		AO8	P	
18FW6	412 365 100		18	1	100	100	11	4.4	100	100	4.4	B7G	P	
18FW6A	412 365 100		18	1	100	100	11	4.4	100	100	4.4	B7G	P	
18FX8	412 365 100		18		100	100	24	7	100	100		B7G	O	
18FY6	412 389 600		18	1	100		0.6	1.3	100		1.3	B7G	DD1	
18GD6	141 230 651		18		100	100	5	4.3	100	100		B9A	P	
18GE6	142 360 100		18	1	100		1	1.7	100		1.7	B7G	T	
18GV8	641 237 514		18	{	100 150	150	10 41	5.5 7.5	100 100	60 100	5	B9A	TP	
18HB8	416 235 714		18	{	100 100	100	2.5 32	3.9 6.2	100 100	60 100		B9A	TP	
18J6	672 344 100		18	1	100		6.5	5	100		5	B7G	TT	
19	364 472 000		2	3	150		1.7		100			UX6	TT	
19A3	002 283 100		9.5				60		REC		20mA	B7G	R	
19AJ8	541 237 164		19	{ 3 2	100 250	100	5 6.5	2.3 2.4	100 150	60 100	2.3 2.4	B9A	TH	
19AQ5	412 365 400		19	12.5	250	200	47	4.1	100	150	4	B7G	P	
19AU4	**1 080 230		19				120		REC		40mA	AO8	R	

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
TT	19BD	**1 23* **8		19				60		REC		16mA	B9A	R
P	19BG6	021 040 350	A1	19	15	250	250	75	6	100	150	6	AO8	P
DDP	19BY7	141 213 651		19	2	175	100	9.7	5.9	200	100	6	B9A	P
P	19C8	811 239 146		19	1	100		0.5	1.2	100		1.2	B9A	DDDT
P	19CL8	461 237 514		18.9	{ 0.85 1	150 150		15 12	8 5.8	100 100	60 100	8 5	B9A	TP
P	19D8	541 237 464		19	{ 2.6 2	100 200		13.5 7.6	3.7 2.4	100 100	60 100	3.7 2.4	B9A	TH
TP	19DC8	541 236 891		19	2	250	100	9	3.8	100	100		B9A	DDP
	19DE7	644 237 411		19.5	{ 11 17.5	250 150		5.5 35		100 100			B9A	TT
P	19EA8	645 237 114		18.9	{ 1 1	150 150		18 12	8.5 6.4	100 100	60 100	8	B9A	TP
P	19EH7	141 230 651		19	2	200	100	13	13	No Data Available			B9A	P
TT	19EJ7	141 230 651		18.9	2.5	200	200	10	15	No Data Available			B9A	P
P	19FL8	541 236 891		19	1.5	200	100	11	4.5	100	100		B9A	DDP
P	19G3	020 000 300	D1	4				30		REC		17mA	AO3	R
TP	19G6	112 311 100	D1	4				30		REC		15mA	B7G	R
DDP	19GQ7	11* 239 181		18.9				5		D			B9A	DDD
P	19GV8	641 237 514		18.9	{ 0.6	100			6.5	100	60	6.5	B9A	TP
R	19H1	002 300 000	D1	4		200	200	41	7.5	100	100		B4	R
P	19H4	020 000 300	D1	2.5				60		REC		23mA	AO3	R
P	19HR6	412 365 100		18.9	1.2	200	100	13.2	8.5	100	100		B7G	P
P	19HS6	412 365 100		18.9	0.8	150	75	8.8	9.5	100	100		B7G	P
P	19HV8	461 237 514		18.9	{ 1.0 1.0	100 150	150	0.8 13	1.3 7	100 100	60 100	1.3 6	B9A	TP
P	19J6	762 344 100		19	1	100		8.5	5.3	100		5.3	B7G	TT
TT	19JN8	481 238 715		18.9	{ 1 1	125 125		12 13.5	7.5 8.5	100 100		6.7 7.6	B9A	TP
TP	19MR9	412 365 400		19	2.5	100	100	7	3.5	100	100	4	B7G	P
TP	19MV5	412 365 400		19	2	150	125	10	3.5	100	100	3.5	B7G	P
P	19Q9	578 231 148		18.9	{ 1 1	125 125	125	14 12	8 6.5	100 100	100	8.9 7	B9A	TP
TP	19R3	001 230 008		19				180		REC		40mA	B9A	R
	19RLL1	214 607 413		19	1.7	150		9	5.5	100		6	B9A	TT
	19RLL2	641 237 410		19	8.5	250		10.5	2.2	100		2	B9A	TT
P	19RP11	401 236 514		19	7	100	100	35	5.5	100	100		B9A	P
P	19SU	**1 23* **8		19				120		REC		30mA	B9A	R
P	19T8	191 238 146		19	3	250		1.0	1.2	150		1.2	B9A	DDDT
O	19U3	**1 23* **8		19				120		REC		40mA	B9A	R
DD1	19V8	681 234 119		19	3	250		1.0	1.2	100		1.3	B9A	DDDT
P	19W3	**1 23* *08		19				120		REC		35mA	B9A	R
T	19X3	**1 23* **8		19				120		REC		60mA	B9A	R
TP	19X8	146 231 457		19	{ 1 1.8	100 250	150	8.5 7.7	5.8 5.6	100 100	60 150	5 4	B9A	TP
TP	19Y3	**1 23* **8		19				120		REC		60mA	B9A	R
	19Y40	001 230 008		19				180		REC		40mA	B9A	R
TT	20	364 200 000		3	16.5	90		3	0.4	80		0.4	UX4	T
TT	20A1	645 231 700	G1	4	{ 12.5 1.5	100 250	75	2.3 2.2		100 100	60 75	1.2 2.8	B7	TH
R	20A3	412 316 100		6		400		50	6	No Data Available			B9A	P
TH	20CH4U	216 544 730	G2	20	{ 2	200	100	4.1		100		2.8	B8A	TP
P	20D1	182 310 900		9.5		200		3.5	0.75	100	100	2.5	B7G	RR

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
20D2	645 231 600	G1	13	{ 7.5 3	100 250	100	3.8 2.5		100 100	60 100		B7	TH
20D3	541 227 463		6	{ 1 3	100 250	100	3.6 3.6	3.6	100 100	60 100	3.6	B9A	TH
20D4	541 237 164		6.3	{ 2 2	100 250	100	15 7	3.5 2.8	100 100	100 100	3.3	B9A	TH
20EQ7	141 235 680		20		100	100	9	10.9	100	100		B9A	DP
20EZ7	223 146 741		10	1.0	150			1.6	100		1.6	B9A	TT
20F2	260 154 130		11	1.2	150	150	27	10.6	100	100	9	B9A	P
20J8	027 546 310	G1	20	{ 1.5 3	100 250	100	1.5 1.5		100 100	100		AO8	H
20L1	274 164 130		12	12	250		10	2.8	100		2.8	B8A	TT
20P1	020 540 310	A1	38	30	200	200	80	6	100	100	5	AO8	P
20P2	020 540 310	A1	38	7.5	250	250	250	13.5	100	100	10	AO8	P
20P3	026 540 310		20	9.4	200	175	42	7.2	100	100	6	AO8	P
20P4	020 540 310	A1	38	33	200	200	100	6	No Data Available			AO8	P
20P5	260 054 130		20	6.3	200	150	29	7.5	100	100	7	AO8	P
20RDHV1	145 237 864		20	{ 2 1	250 250	100	1.2 9	1.2 3.5	100 100	60 100	1.5 3	B9A	DTP
20Y1	023 100 080		20				60		REC		20mA	F8	R
20Y40	000 230 008	C	20				120		REC		30mA	B9A	R
21	265 413 000		6.3	45	400	300	65		100	100		UX6	P
21A6	*41 23* *51	A1	21.5	28	200	200	40	6.0	100	100		B9A	P
21A7	276 451 130		21	{ 3 3	150 250	100	3.5 1.3	0.3 1.9	100 100	60 100		B8B	TH
21B6	041 230 051	A1	21	23	200	200	45	6.5	100	100		B9A	P
21CW7	146 234 117		21	1.5	90		12	6	80		6	B9A	TT
21DJ8	641 237 410		21	1.3	90		15	12.5	No Data Available			B9A	TT
21ES8	641 237 410		21	1.3	100		15	12.5	No Data Available			B9A	TT
21EX6	021 040 350	A1	21.5		200	150	67	7.7	100	100		AO8	P
21L40	041 231 051	A1	21.5		200	200	40	6	100	100		B9A	P
21LR8	141 236 564		21	{ 4 10	250 150	125	2.3 56	3.6 9.3	100 100	100 100	3.2 7.3	B9A	TP
21TH8	027 546 310	G1	21	{ 2.5 1.5	100 200	90	4 3	2 0.7	100 100	60 90	2	AO8	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
22AQ3	*** 23* **8	C	22				180		REC		20mA	B9A	R
22BH3	*8* 23* 8*1		22.4				180		REC		40mA	B9D	R
22DE4	001 080 230		22.4				120		REC		30mA	AO8	R
22FC7	146 234 117		21.6	1.2	90		15	12.3				B9A	TT
22JG6	541 231 5*6		22		150	150	80	10	No Data Available			B9D	P
22JU6	541 234 51*	A1	22	20	150	100	45	7	100	100		B9D	P
22S/101G	182 310 900		6.3				5		D			B7G	R
23	205 111 300	A1	2.5	90	400	150	43		No Data Available			UX7	P
24	264 300 000		2	13.5	200		8	1.6	100		1.2	UX4	T
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
24NG	281 193 000		40				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	UX6	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	AO8	P

TYPE	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		
TH	25A7	126 548 310		25	{ 15	100	100	60		REC		20mA	} AO8	RP
	25AC1D	206 008 030	G1	1.4		0	150		20.5	1.8	100	90		1.8
TH	25AC5	026 040 310		25	0	200		4	3.8	100		3.5	AO8	T
TH	25AV5	421 060 350		25	22.5	250	150	57	5.9	100	100	5.8	AO8	P
DP	25AX4	001 080 230		25				120		REC		30mA	AO8	R
TT	25B6	026 540 310		25	22	150	150	61	5	100	100	5	AO8	P
	25B8	127 561 340	G1	25	{ 1	100		0.6	1.5	100	60	1.5	} AO8	TP
				25		3	100	100	7.6	2	100	100		
H	25BG6	021 040 350	A1	25	22	150	150	70	5	No Data Available			AO8	P
IT	25BK5	604 231 450		25	5	250	250	35	8.5	100	150	8	B9A	P
P	25BQ6	020 540 310	A1	25	22.5	250	150	55	5.5	100	100		AO8	P
P	25C5	142 345 600		25	7.5	150	100	49	7.5	100	90	6	B7G	P
P	25C6	026 540 310		25	14	200	150	61	7.1	100	100	7	AO8	P
P	25CA5	142 345 600		25	4.5	150	125	36	9.2	125	125	9.2	B7G	P
P	25CD6	021 040 350	A1	25	30	200	200	75	7.5	100	100	7.5	AO8	P
P	25CR5	154 231 541		25	22.5	250	150	65	6	100	100		B9A	P
DTP	25CU6	020 540 310	A1	25	23	250	150	60	6	No Data Available			AO8	P
R	25D4	001 080 230		25				120		REC		30mA	AO8	R
R	25D8	127 546 380	G1	25	{ 1	100		0.5	1.1	100	60	1.1	} AO8	DTP
P	25DK4	002 380 100		25		3	100	100	8.5	1.9	100	100		
P	25DN6	021 040 350	A1	25	18	125	125	70	9	No Data Available			AO8	P
TH	25DQ6	020 540 310	A1	25	22.5	250	150	75	6	100	100		AO8	P
P	25DT5	504 234 1*6		25	16.5	250	250	38	6.5	100	100		B9A	P
TT	25E2	541 227 365		12.6	{ 2	200		6.5		100	100		} B9A	TH
TT				25		200	100	4			100	100		
TT	25E5	020 540 310	A1	25	21	200	200	100	11	No Data Available			AO8	P
P	25EC6	021 040 350	A1	25	23	125	125	70	7.5	No Data Available			AO8	P
P	25EH5	142 345 600		25	3.2	100	125	42	14.6	No Data Available			B7G	P
P	25F5	142 345 600		25	7.5	100	100	37	5.8	No Data Available			B7G	P
P	25F7	020 540 310	A1	25	21	150	150	100	11	100	100		AO8	P
TH	25FG6	*2* 540 310	A1	25	21	200	175	100	11	No Data Available			AO8	P
P	25FID	206 501 040	G1	1.4	2.5	150	125	1.2	0.7	100	100	0.7	AO8	P
P	25FY8	414 237 516		25	{ 1.5	150		2.5	2	100	60		} B9A	TP
P				25		13.5	150	125	50	7	100	100		
P	25GB6	020 540 310	A1	25	22.5	250	150	6.5	6	100	100		AO8	P
R	25L6	026 540 310		25	8.2	200	125	47	8	100	90	8	AO8	P
R	25MK15	002 380 100		25				25		REC		20mA	B7G	R
TT	25RE	281 193 000		25				30		REC		15mA	UX6	RR
P	25S	268 943 000		2	3	150		0.8	0.6	100		0.6	UX6	DDT
P	25SN7	461 471 230		25	8	250		9	2.6	100		2.5	AO8	TT
P	25T3G	020 000 310	DI D2	25				60		REC		15mA	AO8	RR
P	25U4	001 080 230		25				120		REC		30mA	AO8	R
T	25V5	028 190 310		25				60		REC		20mA	AO8	R
P	25W4	001 080 230		25				120		REC		30mA	AO8	R
P	25W6	026 540 310		25	8.5	250	125	46	8	100	100	8	AO8	P
RR	25W9	001 080 230		25				120		REC		30mA	AO8	R
P	25X4	020 080 310		25				120		REC		30mA	AO8	R
DDT	25X5	020 080 310		25				120		REC		30mA	AO8	R
P	25X6	028 190 310		25				30		REC		15mA	AO8	RR
P	25Y4	020 080 310		25				60		REC		20mA	AO8	R
P	25Y5	281 193 000		25				60		REC		40mA	UX6	RR

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
25Y5G	028 190 310		25				60			REC	40mA	AO8	RR	
25Y6	028 190 310		25				30			REC	15mA	AO8	RR	
25Z3	281 300 000		25				60			REC	20mA	UX4	R	
25Z4	028 080 310		25				120			REC	60mA	AO8	R	
25Z5	291 183 000		25				60			REC	60mA	UX6	RR	
25Z6	029 180 310		25				60			REC	60mA	AO8	RR	
26	264 300 000		1.5	10	150		5.5	1.1		100	1.1	UX4	T	
26A6	412 365 100		26	1.8	250	250	10.5	4		100	100	4	B7G	P
26A7	414 752 360		26	4.5	30	30	20	5.5		No Data Available			AO8	PP
26AE6	*** 23* **8	C	26							D			B9A	R
26AQ8	641 237 410		26	1.5	200		8.7	6		100		6	B9A	TT
26B6	026 540 310		35	18	250	125	33	2.3		100	90	2.3	AO8	P
26BK6	412 389 600		26	2	250		1.2	1.6		150		1.6	B7G	DDT
26BQ6	020 540 310	A1	25	22.5	250	150	55	5.8		100	100		AO8	T
26C6	412 398 600		26	9	250		9.5	1.9		100		1.9	B7G	DDT
26CG6	412 365 100		26		250	150	9	2		100	100		B7G	P
26D6	412 365 100		26	0	100	100	2.7	7.2		100	100	6	B7G	H
26E6	026 540 310		26	14	200	125	60	7.1		100	100	7	AO8	P
26NG	281 193 000		40				30			REC	15mA	UX6	RR	
26Z5W	801 229 013		13				30			REC	15mA	B9A	RR	
26Z6	801 239 010		26				60			REC	15mA	B9A	RR	
27	264 130 000		2.5	21	250		5.2	0.9		100		0.9	UX5	T
27BL3	645 237 114		27	{ 2	100		14	5		100	50	5	} B9A	TP
				{ 2	200	175	10	6.2		100	100			
27HM	264 130 000		2.5	13.5	130		5			No Data Available			B5B	T
27S	264 130 000		2.5	21	250		5.2	0.9		100		0.9	UX5	T
27SU	320 080 210	13					120			REC	70mA	AO8	R	
27SV	230 080 310		13				180			REC	40mA	AO8	R	
28AK8	8+1 239 148		28	2	200		1.3	1.5		100		1.4	B9A	DDDT
28AX8	8+1 239 148		28	1	100		0.8	1.4		100		1.4	B9A	DDDT
28D7	245 671 430		28	3.5	30	30	12.5	3.4		No Data Available			B5B	PP
28Z5	208 009 130		28				60			REC	20mA	B8B	RR	
29	264 413 000		2.5	3	200		4.5	1.4		100		1.4	UX6	T
29C1	220 283 330		4				3			D			AO8	D
29GK6	141 230 651		28.6	7.4	250	250	48	11.3		No Data Available			B9A	P
30	364 200 000		2	9	150		3	0.9		100		0.9	UX4	T
30A5	142 345 600		30	6.7	100	100	43	9.2		100	100		B7G	P
30AE3	*** 23* **8	C	30							D			B9A	D
30C1	645 237 114		9	{ 2	100		14	5		100	60	5.1	} B9A	TP
				{ 2	200	200	10	6.6		100	150	6		
30C13	157 236 414		9	{ 2	100		14	5		100	60		} B9A	TP
				{ 2	200	175	10	6.2		100	100			
30C15	157 236 414		9	{ 2	100		15	6		100	60		} B9A	TP
				{ 2.5	200	150	10	9		100	100			
30C17	157 236 414		7.4	{ 3.2	100		15	8.5		100	60	8	} B9A	TP
				{ 1.5	125	125	10	11		100	100			
30C18	657 231 414		7.4	{ 3	100		14	5.5		100	60	3.8	} B9A	TP
				{ 1.5	125	125	10	11		100	100			
30F5	141 230 651		7.5	1.8	200	200	10	8.8		100	100		B9A	P
30F27	141 230 651		3.7	1.2	200	150	13.5	15		No Data Available			B9A	P
30FL1	641 237 541		9.4	{ 7.9	200		10	3.6		100	60		} B9A	TP
				{ 2.1	200	200	10	7.5		100	100			

TYPE	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			
RR	30FL12	641 237 541		10	{ 4.9 2.9	150 200	200	10 10	3.7 12.5	100 100	60 100	3.7	B9A	TP	
RR	30FL13	641 237 541		10	{ 3 1.7	200 100	200	10 14	3.4 12.5	100 100	60	3.4	B9A	TH	
R	30FL14	657 231 414		7.4	{ 3 1.7	100 150	150	14 12	5.5 14.5	100 100	60		B9A	TP	
RR	30GP9	026 543 100		30	19	200	200	45	3.5	100	100		AO8	P	
RR	30L1	147 234 116		7.5	1.5	90	12		6.0	100		6	B9A	TT	
T	30L15	147 324 116		7	1.2	90		15	9	80		8	B9A	TT	
P	30L17	146 234 117		7.2	0.8	75		15	16.5				B9A	TT	
P	30P4	020 540 310	A1	25	21	200	200	100	11				AO8	P	
RR	30P12	*41 23* 6*5		12.6	10.3	200	200	31	6.7	100	100		B9A	P	
P	30P14	026 540 310		13	9.4	200	200	42	7.2	100	100		AO8	P	
DDT	30P16	041 230 605		16	14.2	200	200	45	8.2	100	100	7	B9A	P	
T	30P18	041 23* 6*5		16	6	200	200	34	10				B9A	P	
DDT	30P19	*2* 540 310	A1	25	8.5	100	100	100	15				AO8	P	
P	30PL1	641 237 154		13	{ 7.9 9.6	200 200	200	10 28	3.4 6	100 100	60 100		B9A	TP	
H	30PL12	414 237 516		16	{ 0 16	100 200	200	3.5 35	2.5 6.4	100 100	60 100		B9A	TP	
P	30PL13	414 237 516		16	{ 2.2 20	200 250	250	10 45	4.4 17.5	100 100	60 100		B9A	TP	
RR	30PL14	414 237 516		16	{ 7.7 15	200 150	150	10 50	3.4 7.6	100 100	60 100		B9A	TP	
T	30X	264 300 000		2	12.5	175		3.1	9.3	100		9	UX4	T	
IP	31	364 200 000		2	22.5	150		8	0.9	100		6.9	UX4	T	
T	31A3	280 000 130		31				60		REC		20mA	B8A	R	
T	31AV3	**1 23* **8		31				60		REC		40mA	B9A	R	
T	31BX7	461 471 230		31.5	17	250		42	7.2				AO8	TT	
R	31Z	244 300 000	A1/A2	6	{ 100 15	400 400		75 75	2.8					UX4	TT
DDDT	32	365 200 000	G1	2	3	150	75	1.7	0.6	100	75	0.6	UX4	P	
DDDT	32A8	414 237 516		32	{ 1 16	100 200	200	1 35	1.9 6.4	100 100	60 100	7	B9A	TP	
P	32E	365 200 000	G1	2	3	150	75	1.7	0.6	100	75	0.6	UX4	P	
T	32ET5	142 345 600		32	7.5	100	100	30	5.5	100	100		B7G	P	
D	32L7	126 548 310		32.5	{ 5	90	90	38	6	80	75	6	AO8	RP	
P	33	364 520 000		2	14	150	150	14.5	1.4	100	100	1.4	Sm7	P	
T	33/100A	020 440 310	A1/A2	6	14	300		10	3				AO8	TT	
P	33A/101K	641 227 413		6.3	2	250		1.2	1.6	100			B9A	TT	
D	33A/138A	204 140 300	A1/A2	7	7	250		15	3	100		3	UX7	TT	
TP	33A/158M	216 447 130		6	5	200		20	2.8	200		2.8	B8B	TT	
TP	33B/152M	421 342 134	A1/A2	6	1	300		40	18.5				B9G	TT	
TP	34	204 140 300	A1/A2	6.3	36	300		80	4.4				UX7	TT	
TP	34	365 200 000	G1	2	3	150	75	2.8	0.6	100	75	0.6	UX4	P	
TP	34E	365 200 000	G1	2	3	150	75	2.8	0.6	100	75	0.6	UX4	P	
TP	34GD5	142 315 600		34	7.5	100	100	35	5.7	100	100		B7G	P	
TP	35	265 130 000	G1	2.5	3	250	90	6.5	1	100	75	1	UX5	P	
P	35A3	002 380 100		35	8	200	100	41	5.9	REC		20mA	B7G	R	
P	35A5	265 004 130		35	7.5	150	100	40	5.8	100	90	5.9	B8B	P	
P	35B5	412 365 400		35	7.5	150	100	40	5.8	100	90	5.8	B7G	P	
TP	35C3	002 380 100		35				60		REC		20mA	B7G	R	
TP	35C5	142 345 600		35	7.5	150	100	40	5.8	100	90	5.8	B7G	P	

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
35CD6	021 040 350	A1	35	30	200	175	75	7.7	100	100		AO8	P
35D5	401 236 050		35	10.5	200	175	52	9.5	100	100		B9A	P
35DZ8	414 237 516		35	}	150		0.8	1.4	100	60		} B9A	TP
35EH5	142 345 600		35		62	100	100	3.2	12	100	100		No Data Available
35F4	412 365 400		35	7.5	100	100	41	5.8	100	100	6	B7G	P
35F6	041 230 665		35	23	250	200	55	5	100	100		B9A	P
35FN5	521 441 350	A1	35	22.5	200	150	100	10	No Data Available			B8A	P
35GD5A	142 345 600		34	7.5	100	100	45	7.5	100	100		B7G	P
35GL6	142 253 600		35	7.5	100	100	45	7.5	100	100		B7G	P
35HB8	416 235 714		35	}	100		2.5	3.9	100	60		} B9A	TP
35L6	026 540 310		35		7.5	200	100	40	5.8	100	90		5.8
35L31	412 365 400		35	13	200	200	55	8	100	100	8	B7G	P
35QL6	451 236 154		35	11.5	200	200	52	9.5	100	100	8.3	B8A	P
35R1	002 382 100		35				60		REC		30mA	B7G	R
35R2	002 380 100		35				60		REC		30mA	B7G	R
35RE	281 193 000		35				60		REC		20mA	UX6	RR
35S	265 120 000	G1	2.5	3	250	90	6.5	10.8	100	90	1.8	UX5	P
35W4	002 383 100		27.5				60		REC		70mA	B7G	R
35X4	002 380 100		35				60		REC		20mA	B7G	R
35Y4	280 200 130		27.5				60		REC		20mA	B8B	R
35Y5	280 200 130		27.5				60		REC		20mA	B8B	R
35Y31	002 380 100		35				120		REC		20mA	B7G	R
35Z3	280 000 130		35				120		REC		60mA	B8B	R
35Z3LT	280 000 130		35				120		REC		60mA	B8B	R
35Z4	020 080 310		35				120		REC		60mA	AO8	R
35Z4GT	020 080 310		35				120		REC		60mA	AO8	R
35Z5	022 080 310		27.5				60		REC		60mA	AO8	R
35Z6	028 190 310		35				60		REC		20mA	AO8	R
36	265 130 000	G1	6	3	250	90	3.2	1	100	90	1	UX5	P
36AM3	002 283 100		36				60		REC		15mA	B7G	R
37	264 130 000		6	18	250		7.5	1.1	100		1.1	UX5	T
38	265 130 00	G1	6	18	200	200	14	1	100	100	1	UX5	P
38A3	**1 23* **8		38				60		REC		20mA	B9A	R
38R3	001 230 008		38				180		REC		40mA	B9A	R
39	260 501 300	G1	6.3	3	250	90	5.8	1	100	90		B7G	P
39	265 130 000	G1	6	3	200	90	5.8	1	100	90	1	UX5	P
40	364 200 000		5	1.5	200		0.2	0.2	150		0.2	UX4	T
40PPA	045 231 600		40	25	150	150	36	2	100	100	4	B7	P
40SUA	802 310 000		40				60		REC		60mA	B5	R
40Z5	022 080 310		35				120		REC		30mA	AO8	R
41	265 413 000		6	18	250	250	32	2.3	100	100	2.3	UX8	P
41E	265 413 000		6	18	250	250	32	2.3	100	100	2.3	UX6	P
41FP	642 310 000		6	18	250		19	2.8	100		2.8	B5	T
41M	026 540 310		6	18	250	250	32	2.3	100	150	2.3	AO8	P
41MDG	652 310 000	G1	4	0	150	100		0.2	150	100	0.2	B5	P
41MH	642 310 000		4	1.5	200		3.2	3	100		4	B5	T
41MHF	642 310 000		4	2	150		2.5	2.8	125		2.8	B5	T
41MHL	642 310 000		4	3	200		4	4.1	100		4.5	B5	T
41MLF	642 310 000		4	4.5	200		7.5	1.9	125		1.9	B5	T
41MP	642 310 000		4	7.5	200		24	6.0	100		7.5	B5	T

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	
P	41MPG	454 231 600	G1	4	1.5	250	100	3.3	0.9	100	100		B7
P	41MPT	041 231 500	A1	4	1.5	250	100	12	4.8	100	100	4.8	B7
P	41MRC	642 310 000		4	1	200		2.5	2.6	150		2.6	B5
TP	41MSG	465 230 574		4	1.5	150	60	0.8	2.5	100	60	2.5	B9
P	41MSG	542 310 000	A1	4	1.5	150	60	0.8	2.5	100	60	2.5	B5
P	41MTA	642 310 000		4	1	100		4.9	4	100		4	B9
P	41MTB	642 310 000		4	1	100		3.6	2.6	100		2.6	B5
P	41MTL	642 310 000		4	2.5	200		5.9	3	100		3	B5
P	41MTS	645 231 700		4	1	250	100	5	1.6	100	100	1.6	B7
P	41MXP	642 310 000		4	12.5	200		40	6	100		7.5	B5
	41MVSG	542 310 000	A1	4	1.4	200	200	3	2	100	100	2	B5
TP	41STH	645 231 700	G1	4	1.5	100		2		100	60	1.6	B7
P	42	264 300 000		1.5	1.5	200	60	1		100	60	2.5	B7
P	42	265 413 000		6	13.5	150		3.9	0.8	100			UX4
P	42E	265 413 000		6	16.5	250	250	34	2.5	100	150	2.5	UX6
R	42E	265 413 000		6	16.5	250	250	34	2.5	100	150	2.5	UX6
RR	42MP/PEN	045 231 600		4	5.5	250	250	32	6	100	150	7	B7
RR	42MPT	041 231 500	A1	4 (5)	3	200	200	34	8.5	100	150	8	B7
F	42/OT	045 231 600		4	5.5	250	275	34	7	100	150	7	B7
R	42OTDD	968 231 500	G1	4	5.5	250	250	34	7	100	150	7	B7
R	42PTB	061 231 500	G1	4	3	200	200	34	8.5	100	150	8	B7
R	42SPT	041 231 500	A1	4	10.5	250	250	64	11	100	150	10	B7
R	43	265 413 000		25	18	150	125	33	2.3	100	100	2.3	UX6
R	43	264 473 000		1.5	4.5	135		3	0.9	100		1	UX6
R	43	264 473 000		1.5	20	135		14		100		4	UX6
R	43E	265 413 000		25	18	150	125	33	2.3	100	100	2.3	UX6
R	43IU	892 300 000		4				60		REC		20mA	B4
R	43MG	026 540 310		25	18	250	125	33	2.3	100	100	2.3	AO8
RR	44	265 130 000		6	3	200	90	5.8	1	100	90	1	UX5
RR	44A/160M	241 657 143		6	14	250	250	30	3.9	100	100	3	B9G
P	44GW8	415 237 146		44	1.7	250		1.2	1.6	100	60	1.4	B9A
R	44IU	892 300 000		4	7	250	250	36	10	100	100		B9A
TP	44SU	802 300 000		4				60		REC		50mA	B4
P	44SU	802 300 000		4				50		REC		15mA	B4
R	45	264 300 000		2.5	50	250		34	2.1	100		2.1	UX4
R	45A	264 300 000		2.5	68	325		43	2.3	100		2.3	UX4
P	45A5	26* *54 130		45	9	200	200	54	9.5	100	100	7	B8A
P	45B5	041 23* 6*5		45	12.5	200	200	70	10	100	100		B9A
P	45BQ5	041 23* 6*5		45	12.5	300	175	70	10	100	100		B9A
TP	45DQ8	461 237 145		45	1.7	200		3	4	100	60	4	B9A
R	45DQ8	461 237 145		45	12.5	200	175	70	10	100	100		B9A
R	45DX8	461 237 145		45	1.7	200		3	4	100	60		B9A
R	45DX8	461 237 145		45	2.1	200	175	18		100	100		B9A
P	45IU	892 300 000		4				120		REC		30mA	B4
P	45LIU	206 540 130		45	13	200	200	45	7.5	100	100	7	AO8
TP	45Z3	28* 108 300		45				60		REC		70mA	B7G
P	45Z5	022 080 310		37.5				60		REC		20mA	AO8
T	46	264 630 000		2.5	33	250		22	2.3	100		2.3	UX5
T	47	264 530 000		2.5	16.5	250	250	31	2.5	100	150	3.8	UX5
T	48	265 413 000		30	10	100	100	52	3.8	100	90	3.8	UX6
T	48A8	414 237 516		48	10	100		3.5	2.5	100	60	2.5	B9A
T	48A8	414 237 516		48	11.5	150	150	41	7.5	100	100		B9A
T	49	264 630 000		2	20	150		6	1.1	100		1.1	UX5

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				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
49	265 413 000		6.3	50	400	250	95		No Data Available			UX6	P
50	264 300 000		7.5	70	400		55	2.1	100		2.1	UX4	T
50A5	265 004 130		50	7.5	150	100	49	8	100	90	7	B8B	P
50AX6	023 190 310		50				120		REC		30mA	AO8	RR
50B5	412 355 400		50	7.5	150	100	49	7.5	100	90	6	B7G	P
50BC1D	206 089 030	G1	1.4	0.5	90		1.4	0.8	80			AO8	DDT
50BK5	604 231 450		50	5	250	250	35	8.5	100	150		B9A	P
50BM8	414 237 516		50	10	100		3.5	2.5	100	60		B9A	TP
50C5	142 345 600		50		150	150	41	7.5	100	100			
50C6	026 540 310		50	7.5	150	100	49	7.5	100	90	6	B7G	P
50C6	026 540 310		50	13.5	150	150	58	7	100	100	7	AO8	P
50CID	206 089 030	G1	1.4	1.5	100		1.5	0.9	100		0.9	AO8	DDT
50CA5	142 345 600		50	4.5	150	125	37	9.2	No Data Available			B7G	P
50CD6	021 040 350	A1	50	30	200	200	75	7.5	100	100	7	AO8	P
50DC4	002 363 100		25				60		REC		20mA	B7G	R
50EH5	142 345 600		50	3.2	100	125	42	14.6	No Data Available			B7G	P
50F2	412 365 400		50	7.5	100	100	50	7.5	100	100		B7G	P
50F2D	206 501 030	G1	1.4	1.5	100	125	1.4	1	100	100	1	AO8	P
50FA5	142 345 600		50	7.5	100	100	40	5.8	100	100		B7G	P
50FE5	026 540 310		50	16	150	150	80	9.5	100	100		AO8	P
50FK5	142 345 600		50		100	100	32	12.8	No Data Available			B7G	P
50FY8	414 237 516		50	1.5	150		2.5	2	100	60		B9A	TP
50FY8	414 237 516		50		13.5	150	125	50	7.5	100	100		
50LID	206 540 030		1.4	4.5	100	125	4.8	1	100	100	1	AO8	P
50L6	026 540 310		50	8.2	200	125	46	9.5	100	75	8	AO8	P
50R4	080 230 901		50				60		REC		40mA	B9A	RR
50RP1	141 236 518		50	1	200	100	60		REC	60	60mA	B9A	RP
50RP1	141 236 518		50		9			4.5	100	100	4		
50X6	219 008 130		50				60		REC		20mA	B8D	RR
50YIU	388 208 120		45				120		REC		30mA	AO8	R
50Y6	029 180 310		50				60		REC		20mA	AO8	RR
50Y7	029 193 310		46				60		REC		20mA	AO8	RR
50Z6	029 180 310		50				120		REC		30mA	AO8	RR
50Z7	029 183 310		48				60		REC		20mA	AO8	RR
51	265 130 000	G1	2.5	3	250	90	6.5	10.5	175	90	10	UX5	P
52	264 530 000		6	1	250	100	41	2	125	100	2	UX5	P
52KU	030 908 020		5				60		REC		30mA	AO8	RR
53	274 146 300		2.5	5	250		3	1.6	100		3.1	UX7	TT
53KU	030 908 020		5				120		REC		40mA	AO8	RR
54KU	030 908 020		5				120		REC		60mA	AO8	RR
55	269 813 000	G1	2.5	20	250		8	1.1	100		1.1	UX6	DDT
55A/165M	245 761 430		12	15	150	150	60	4	100	100		B8G	PP
55N3	**1 23* **8		55				120		REC		30mA	B9A	T
56	264 130 000		2.5	12.5	250		5	1.4	100		1.4	UX5	T
56AS	264 130 000		6	13.5	250		5	1.4	100		1.4	UX5	T
57	265 113 000	G1	2.5	3	250	100	2	1.2	100	100	1.2	UX6	P
57AS	265 113 000	G1	6	3	250	100	2	0.2	100	100	1.2	UX6	P
58	265 113 000	G1	2.5	3	250	100	8	1.5	100	100	1.5	UX6	P
58AS	265 113 000	G1	6	3	250	100	8	1.5	100	100	1.5	UX6	P
58TF1	417 231 564	G1	58	2	200		4	1.5	100	60	1.5	B9A	TPP
58TF1	417 231 564	G1	58		31	250	250	38	2.5	100	100		
59	265 411 300		2.5	18	250	250	35	2.5	100	150	2.5	UX7	P

TYPE	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		
P	59B	265 410 300		2.5	26	250	250	26	6	100	150	6	UX7	P
T	60	200 300 000	D1/D2	5				120		REC		30mA	UX4	RR
	60/250	892 300 000		4				30		REC		15mA	B4	RR
	60E3	002 380 100		60				60		REC		20mA	B7G	R
P	60FX5	142 345 600		60	62	100	100	35	13.5	No Data Available			B7G	P
RR	61BT	020 540 310	A1	6	20	200	200	40	4	100	100	4	AO8	P
P	61SPT	520 604 310		6	10.5	250	250	64	11	100	150	10	AO8	P
DDT	62DDT	264 008 130		6	3	250		1	1.3	150		1.3	B8A	DDT
P	62TH	276 454 130		6	2	100		5	2.2	100		2.6	B8A	TH
				6	2	150	100	8	2	100	100	3.5		
TP	62VP	261 154 130		6	2.5	250	100	6	2.2	100	100	2	B8A	P
P	63SPT	256 101 403		6	2	250	250	10	6.5	100	150	6	B9G	P
DDT	63T1	641 237 154		6	2.3	100		4	1.4	100		1.4	B9A	TP
P	64	260 101 300	G1	6.3	3	200	200	17.5	3.3	100	150	3		
P	64	265 130 000	G1	6	3	200	90	3.1	1.05	100	90	1.05	UX5	P
RR	64A	260 101 300	G1	6.3	3	200	90	3.1	1	100	100		B7G	P
P	65	265 130 000	G1	6	3	200	90	4.5	1	100	90	1	UX5	P
P	66KU	280 009 130		6				30		REC		15mA	B8A	RR
	67	264 130 000		6	9	150		5	1.1	100		1.1	UX5	T
P	67PT	261 054 130		6	7	250	250	35	10	100	150	9	B9A	P
P	68	265 130 000	G1	6	13.5	150	90	14	1.4	100	75	1.4	UX5	P
TP	68A	265 130 000	G1	6	13.5	150	125	14	1.4	100	100		UX5	P
	69	264 413 000		6	3	200		4.5	1.4	150		1.5	UX6	T
P	70	264 413 000		6	6	200		2.3	0.3	150		0.5	UX6	T
P	70A7	126 548 310		70	7.5	150	100	60	5.8	REC	90	15mA	AO8	RP
RR				40				100		5.8				
RP	70L7	126 541 380		70	7.5	125	100	60	7.5	REC	90	20mA	AO8	RP
				40				100		6.5				
RR	71	264 300 000		5	40	200		20	1.7	100		1.7	UX4	T
R	71A	264 300 000		5	16.5	90		10	1.4	80		1.4	UX4	T
	71B	264 300 000		5	40	200		20	1.7	100		1.7	UX4	T
RR	75	020 000 300	A1/G1	6	60	400		82		No Data Available			AO8	T
RR	75	269 813 000	G1	6	2	250		0.9	1.1	150		1.1	UX6	DDT
RR	76	264 130 000		6	13.5	250		5	1.4	100		1.4	UX5	T
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
P	78	265 113 000	G1	6	3	250	125	10.5	1.65	100	100	1.6	UX6	P
TT	78E	265 113 000	G1	6	3	200	75	4	1.1	100	75	1.1	UX6	P
RR	79	264 173 000	G1	6.3		250		10.6		100			UX6	TT
RR	80	298 300 000		5				60		REC		20mA	UX4	RR
DDT	80A	298 300 000		5				60		REC		20mA	UX4	RR
PP	80HK	380 200 000		5				60		REC		15mA	UX4	R
T	80M	289 300 000		5				60		REC		20mA	UX4	RR
T	80S	289 300 000		5				60		REC		20mA	UX4	RR
P	81	280 300 000		7.5				60		REC		20mA	UX4	R
P	81M	280 300 000		7.5				60		REC		20mA	UX4	R
P	82	289 300 000		2.5				60		REC		20mA	UX4	RR
P	82V	289 300 000		2.5				60		REC		20mA	UX4	RR
TPP	83	289 300 000		5				120		REC		20mA	UX4	RR
	83V	289 300 000		5				60		REC		60mA	UX4	RR
P	84	289 130 000		6				30		REC		30mA	UX5	RR

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
85	269 813 000	G1	6	20	250		8	1.1	100		1.1	UX6	DDT
85AS	268 913 000	G1	6	20	250		8	1.1	100		1.1	UX6	DDT
85S	268 913 000	G1	6	10.5	250		3.7	0.7	125		1.1	UX6	DDT
88	289 300 000		5				60		REC		20mA	UX4	RR
89	265 113 000	G1	6	10	100	100	9.5	1.2	100	90	1.2	UX6	P
90	264 413 000		2.5		150		3.5	1.4	150		1.4	UX6	T
90AC	642 310 000		4	12.5	200		40	7.5	100		7	B5	T
92	264 413 000		6		250		3.5	1.4	100		1.4	UX6	T
95	265 413 000		2.5	20	350	300	42	2.3	100	150	2.3	UX6	P
96	281 300 000		10				120		REC		30mA	UX4	R
98	289 130 000		6				30		REC		15mA	UX5	RR
99V	426 300 000		3.3	4.4	90		2.5	0.4	100		0.4	UX4	T
99X	264 300 000		3.3	4.5	90		2.5	0.4	100		0.4	UX4	T
100AC	642 310 000		4	6	200		5	2	100		2	B5	T
104V	642 310 000		4	1	100		15	3.5	100		3.5	B5	T
100/200LLID	346 547 220		1.4	9.4	150	125	4		100	100		AO8	P
112A	364 200 000		5	4.5	90		5	1.5	80		1.5	UX4	T
114	020 000 300	A1/G1	1.4		200		15		100			AO8	T
114B	020 000 300	A1/G1	1.4	4	200		12	1.1	100		1.1	AO8	T
116/Pen	005 231 600	G1	11.5	1	100	100	7		100	100	6	B7	P
117DDP	541 236 891		17	2	250	150	5	2.2	100	100	2	B9A	DDP
117L7	126 458 310		117	{ 5.2	100	100	60 43		REC 100		20mA 5.3	AO8	RP
117M7	126 458 310		117	{ 5.2	100	100	60 43		REC 100	90	20mA 5.3	AO3	RP
117Z3	*02 381 000		117				60		REC		20mA	B7G	R
117Z4	020 080 310		117				60		REC		20mA	AO8	R
117Z6	029 180 310		117				60		REC		20mA	AO3	RR
120	642 310 000		2	12	150		12		100			B5	T
120VPA	041 230 500	A1	2	1	150	60	2.9	1.1	150	60	1.1	B7	P
121VP	26* *54 130		12.5	3	200	115	7.2	2.3	100	150	2.3	B8A	P
124AC	542 310 000	A1	4	1.4	200	60	1.6	0.9	100	60	0.9	B5	P
141DDT	264 089 130		14	1.5	200		1.5	1.6	100		1.5	B8A	DDT
141TH	276 454 130		14	{ 2 2	100 250		5 3	2 2.2	100 100	60 75	2.8 1.5	B8A	TH
142BT	026 540 130		14	8.5	200	200	29	3.7	100	100	3.7	AO8	P
144V	642 310 000		4	8	200		6	1.4	100		1.4	B5	T
154V	642 310 000		4	6	200		9	2	100		2	B5	T
163Pen	041 23* 6*5		16	10.4	200	175	53	9.5	No Data Available			B9A	P
164V	642 310 000		4	9	200		12	3.4	100		3.4	B5	T
171DDP	541 236 891		17	2	200	125	5	2.2	100	100	2	B9A	DDP
181	264 300 000		3	30	200		16	1	100		1	UX4	T
182	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
182A	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
182B	264 300 000		5	35	250		18	1.5	100		1.5	UX4	T
183	264 300 000		5	60	250		30	1.7	100		1.7	UX4	T
185BT	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	AO3	P
185BTA	020 540 310	A1	18	18	200	200	100	9.5	100	100	8	AO8	P
200A	264 300 000		5		60		1.5	0.7	No Data Available			UX4	T
202DDT	809 231 600	G1	20	3	200		3	2.4	150		2.4	B7	DDT
202MPG	545 213 600	G1	20	1.5	200	100	3	1.3	100	100		B7	H
202SPB	061 231 500	G1	20	1.5	250	100	4.8	2.8	100	100	2.8	B7	P

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
DDT	202STH	645 231 700	G1	20	1.5	100		2		100	60		B7	TH
DDT	202VP	041 231 500	A1	20		200	60	1		100	60			
DDT	202VPB	061 231 500	G1	20	1.5	250	100	4.3	2.2	100	100	2.2	B7	P
RR	203THA	545 231 600	G1	20	2	250	100	3.5	0.85	100	100		B7	H
P	205D	264 300 000		3.5	29	400		30	0.95	100		1.8	UX4	T
T	205E	264 300 000		4.5	22.5	350		29	1.9	100			UX1	T
T	205F	264 300 000		4.5	18	300		31	1.7	100			UX4	T
T	210DDT	682 390 000	G1	2	1	100		2.3	1.1	100		1.1	B5	DDT
RR	210DET	642 300 000		2	4.5	150		3	1.1	100		1.1	B4	T
T	210DPT	041 230 500	A1	2	1	150	60	2.9	1.3	150	60	1.3	B7	P
T	210HF	642 300 000		2	3	150		1.6	1.5	100		1.5	B4	T
T	210HL	642 300 000		2	3	150		1.6	1.1	100		1.1	B4	T
T	210HPT	642 350 000		2	4.5	150	175	7.5	2.5	100	100	2.5	B5	P
T	210LF	642 300 000		2	4.5	150		4.8	1.4	100		1.4	B4	T
T	210PG	645 230 700	G1	2	0	150		1.1		150	60	0.4	B7	H
T	210PGA	645 230 700	G1	2		150	40	0.4		150	75	1.5		
T	210PGC	645 230 700	G1	2		150	40	0.4		150	75	1.5		
T	210RC	642 300 000		2	1.5	150		0.8	0.6	150		0.8	B4	T
DDP	210SPG	645 230 700	G1	2	1.5	150		1.1		150		0.5	B7	H
RP	210SPT	041 230 500	A1	2		1	150	60	1.9	1.1	100	60		
RP	210T	264 300 000		7.5	32	350		16	1.5	100		1.5	UX4	T
RP	210VPA	041 230 500	A1	2	1	150	60	2.9	1.1	150	60	1.1	B7	P
R	210VPT	041 231 500	A1	2	1	150	60	1.9	1.1	150	60	1.1	B7	P
R	213	289 300 000		5				30		REC		15mA	UX4	RR
RR	213Pen	*41 23* *51	A1	21	22	200	200	45	6.2	100	100	6	B9A	P
T	215P	642 300 000		2	7.5	150		10	2.2	100		2.2	B4	T
P	215SG	542 300 000	A1	2	1	150	60	1.4	1.1	150	60	1.1	B4	P
P	217A	228 300 000		10				120		REC		30mA	UX4	R
P	220	200 300 000	D1	2.5				15		REC		15mA	UX4	R
T	220B	446 230 700		2	3	150		5.0	1.5	100		1.5	B7	TT
T	220DD	892 310 000		2						D			B5	DD
T	220HPT	642 350 000		2	4.5	150	150	8	2.5	100	100	2.5	B5	P
P	220IPT	040 230 500	A1	2	1.5	150	60	2.2	1	100	60	1	B7	P
T	220OT	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
T	220P	642 300 000		2	7.5	150		11	2.2	100		2.2	B4	T
T	220PA	642 300 000		2	4.5	150		10	4	100		4	B4	T
DDP	220PT	642 350 000		2	9	150	150	19	2.5	100	100	2.5	B5	P
T	220SG	542 300 000	A1	2	1	150	60	1.5	1.6	100	60	1.6	B4	P
T	220TH	645 230 700	G1	2	3	100		1.7	1.2	100	60	1.2	B7	TH
T	220VS	542 300 000	A1	2		150	60	0.6	0.6	125	60	0.6		
T	220VSG	542 300 000	A1	2	1.5	150	60	2	1.6	100	60	1.6	B4	P
T	225DU	082 323 900		2				15		REC		10mA	B7	RR
P	230	642 300 000		2	20	150		18	3	100		3	B4	T
T	230	200 300 000	D1	5				30		REC		14mA	UX4	R
DDT	230PT	642 350 000		2	15	150	150	14	2	100	100	2	B5	P
H	230XP	642 300 000		2	18	150		22	3	100		2	B4	T
P	231D	264 300 000		3	3	90		2.1	8.4	100		0.5	UX4	T
P	240B	446 230 700		2	1	150		8.5		100			B7	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		
240QP	446 253 700		2	12	150	150	6	2.5	100	100	2.5	B7	PP
244	264 130 000		2	6	150		5.5	1	100		1	UX5	T
244V	642 310 000		4	5.5	200		5.5	2.8	100		2.8	B5	T
245A	265 130 000	G1	2	1.5	150	50	4.8	0.6	100	60		UX5	P
246A	365 200 000	G1	3.3	1.5	150	40	1.5	0.4	No Data Available			UX4	P
247A	206 040 030		2	4.5	150		3.2	0.9	100		0.9	AO8	T
248A	026 510 310	G1	6.3		150	125	5.5	1.8	100	100		AO8	P
249B	223 300 000	D1	2.5				120		REC		30mA	UX4	R
252A	264 300 000		5	50	400		60	3.4	100		3.4	UX4	T
255	268 943 000		2	3	150		0.8	0.6	100		0.5	UX6	DDT
257	264 530 000		5	21.5	100	100	20	1.3	100	90	1.3	UX5	P
257A	260 300 000	G1	3.1	3	90		2.1	0.5	80		0.5	UX4	T
259A	265 130 000	G1	2	1.5	200	75	5.5	1.4	100	75	1.4	UX5	P
259B	265 130 000	G1	2	1.2	200	75	5.5	1.4	100	75	1.4	UX5	P
262B	261 300 000	G1	10	4.5	150		2.8	0.9	100		0.9	UX4	T
264	264 300 000		1.1	9	150		2.5	0.6	100		0.6	UX4	T
264C	264 300 000		1.5	8	100		2.1	0.6	100		0.6	UX4	T
264E	264 300 000		1.4	8	100		2.1	0.6	100		0.6	UX4	T
271A	264 130 000		5	30	400		37.5	2.9	100			UX5	T
272A	264 130 000		10	15	150		5.4	0.7	100		0.7	UX5	T
274A	289 300 000		5				60		REC		20mA	UX4	RR
274B	289 300 000		5				60		REC		20mA	UX4	RR
275A	264 300 000		5	4.5	200		47	2.7	100		2.7	UX4	T
281A	264 530 000		5	60	150	75	35	1.5	No Data Available			UX5	P
283A	265 130 000	G1	2	1.5	200	75	5.9	1.3	100	75	1.3	UX5	P
285	265 130 000	G1	2	12	200	150	8.8	0.9	100	100	0.9	UX5	P
286A	265 113 000	G1	2	1.5	200	75	6.2	1.2	100	75	1.2	UX6	P
290A	265 113 000	G1	10	1.5	200	75	5.4	1.2	150		1.2	UX6	P
291A	275 641 300	G1	10	3	200		4.5		100	60		B7	H
292A	268 913 000	G1	10	7.5	200	75	3.1		100	75			
292A	268 913 000	G1	10	6	150		2.1	0.6	100		0.6	UX6	DDT
293A	265 413 000		10	18	200	200	14.5	1	100	100	1	UX6	P
300A	364 200 000		5	97	400		80	1.3	No Data Available			UX4	T
300B	364 200 000		5	97	500		80	1.3	No Data Available			UX4	T
302	645 231 700	G1	30	2	100		1.5		100	60		B7	TH
				2	250	100	3.5	0.9	250	100			
302THA	645 231 700	G1	30	2	100		1.5		100	60		B7	TH
				2	250	100	3.5	0.9	250	100			
303A	268 943 000		2	6	150		2	0.6	100		0.6	UX6	DDT
304AC	542 310 000	A1	4	2	200	100	3	1.9	100	100	1.9	B5	P
309A	265 413 000		10	1.5	200	75	4.8	1.1	100	60	1.1	UX6	P
310A	265 113 000	G1	10	3	150	150	5.5	1.8	100	100	1.8	UX6	P
310B	265 113 000	G1	10	3	150	150	5.5	1.8	100	100	1.8	UX6	P
311A	265 130 000	G1	10	15	150	150	30	2.8	100	100	2.8	UX5	P
311SU	28* *** 130		31		225		100		REC		20mA	B8A	R
324A	200 300 000	D1	5				5		D			UX4	R
328A	265 113 000	G1	7.5	3	150	150	5.5	1.8	100	100	1.8	UX6	P
329A	265 130 000	G1	7.5	15	150	150	37.5	3.3	100	100	3	UX5	P
329L	265 130 000	G1	7.5	15	150	150	37	3.3	100	100	3	UX5	P
332Pen	026 540 310		33	8.5	200	200	45	8	100	100	7	AO8	P
336A	265 413 000		10	14	250	250	30	4.2	100	100		UX6	P
337A	265 113 000	G1	10	3	150	150	6.3	1.6	100	100	1.6	UX6	P
345A	289 130 000		6				60		REC		20mA	UX5	RR

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vt	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
PP	347A	020 600 310	G1	6	4.6	150		2.8	0.9	100		0.9	AO8	T
TT	349A	026 540 310		6	14	250	250	30	4.2	100	150	4.2	AO8	P
PP	350B	026 540 310		6	20	400	250	85	6.2	No Data Available			AO8	P
PP	351A	028 090 310		6.3				120		REC 20mA			AO8	RR
PP	352A	268 913 000	G1	10	6	100		2.1	0.6	100		0.6	UX6	DDT
TP	354V	642 310 000		4	4.5	250		6.5	3.6	100		3	B5	T
PR	361A	243 560 000		1.4		50	40	0.4	0.6	No Data Available			UX5	P
TT	362A	243 560 000		1.4		50	50	1.3	0.5	No Data Available			UX5	P
DT	367A	060 524 310		6	20	400	250	85	6.2	No Data Available			AO8	P
PT	373A	021 455 360		2		150	150	2	1.3	100		1.3	AO8	P
PT	374A	021 405 360		3		150	125	18	3	125		3	AO8	P
PT	375A	026 540 310		20		40	40	12	4.7	No Data Available			AO8	P
PT	381A	120 080 300		6.3				5		D			AO8	D
TT	383A	120 406 030		6		150		7.5	2.8	100		2.8	AO8	T
TT	385A	125 040 130		6		150		7.5	2.5	100		2.5	AO8	P
TT	387A	125 040 130		6		150		5.6	4	100		3.8	AO8	P
TT	396A	214 607 413		6.3	2.2	150		8.2	5.5	100		6	B9A	TT
TT	401A	265 300 000		5	9	50		1.5	0.8	No Data Available			UX4	T
TT	402	264 300 000		3	40	200		40	1	100		1	UX4	T
RR	402-OT	005 231 600	G1	40	12	250	250	32	7	100	150	7	B7	P
RR	402P	000 231 600	G1	4	15	200		27	5.5	100		7.5	B7	T
TT	402Pen	005 231 600	G1	40	6.7	200	200	40	7	100	100	7	B7	P
PP	402PenA	005 231 600	G1	40	9	150	150	56	8	100	100	8	B7	P
PP	403A	413 265 100		6	2.3	150	150	7	4.4	100	100	4	B7G	P
PP	403B	412 365 100		6.3		200	125	7.7	5.1	100	100		B7G	P
PP	404A	402 106 053		6.3		150	150	13.5	12.5	100	100		B9A	P
PP	405BU	892 300 000		4				15		REC		10mA	B4	RR
H	406	642 300 000		4		150		5.5	0.5	100		0.5	B4	T
DDT	407A	214 637 412		20	2	150		8.2	5.5	100		5.5	B9A	TT
P	408A	412 365 100		20	2	150	125	7.5	5	100	125	5	B7G	P
P	408BU	892 300 000		4				15		REC		10mA	B4	RR
P	409A	410 065 100		6.3		150	125	5.2	3.2	100	100		B7G	P
I	410HF	642 300 000		4	2.5	200		0.2	0.2	100		0.2	B4	T
TH	410P	642 300 000		4	16	250		12	1.8	100		2.8	B4	T
TH	410PT	462 350 000		4	1	100	150		2.5	100	150	2.5	B5	P
TH	410RC	642 300 000		4	2.5	200		0.2	0.2	100		0.2	B4	T
DDT	410SG	542 300 000	A1	4	1	200	100	4.5	0.9	100	100	0.9	B4	P
P	412BU	892 300 000		4				30		REC		17mA	B4	RR
P	412SU	802 300 000		4				60		REC		22mA	B4	R
PP	415PT	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
PP	415QT	642 350 000		4	25	300	200	20	1.8	100	150	1.8	B5	P
PP	415SP	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
R	417A	602 441 443		6.3	1.5	150		25	25	No Data Available			B9A	T
R	420T	045 231 600		4	4.4	250	250	40	10.5	100	150	9	B7	P
PP	425PT	642 350 000		4	17	250	150	12	1.3	100	100	1.3	B5	P
PP	431U	892 300 000		4				60		REC		15mA	B4	RR
PP	435A	402 106 053		6	10	200	150	13	16.3	No Data Available			B9A	P
PP	436A	211 403 506		6.3	1.4	200	150	23	32	No Data Available			B9A	P
PP	437A	304 002 116		6	10	150		40		No Data Available			B9A	T
PP	441U	892 300 000		4				60		REC		20mA	B4	RR
PP	442BU	892 300 000		4				60		REC		20mA	B4	RR
RR	446A/B	021 000 310	A1/G1	6	3	250		15	4.5	100			AO8	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TY
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
450	642 300 000		4	55	250		50	3.5	100		3.5	B4	T
450	264 300 000		7.5		400		55	2.1	100		2.0	UX4	T
450AC	542 310 000	A1	4		200	100	3.5	3	100	100	3	B5	P
451	892 300 000		1.8			16		650	REC			B4	RR
451PT	26* *54 130		45	9	200	200	54.5	9.5	100	100	7	B8A	P
451U	823 900 000		4				120		REC		30mA	B4	RR
460BU	892 300 000		4				60		REC		20mA	B4	RR
482A	264 300 000		5	45	200		18	1.5	100		1.5	UX4	T
482B	264 300 000		5	35	250		18	1.5	100		1.5	UX4	T
483	264 300 000		5	60	250		30	1.7	100		1.7	UX4	T
484V	642 310 000		4	2.5	200		0.2	1.2	100		1.2	B5	T
485	264 130 000		3	9	200		5.8	1.4	100		1.4	UX5	T
486	026 040 300		3	3	90		3	0.6	80		0.6	A08	T
500	892 300 000		4				30		REC		15mA	B4	RR
501	653 420 000		1.4	0	40	40	1	0.8	No Data Available			B5A	P
501AX	653 420 000		1.4	0	40	40	1	0.8	No Data Available			B5A	P
502AX	653 420 000		1.2	1.2	40	40	8.6	0.5	No Data Available			B5A	P
503AX	653 420 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	P
505AX	653 420 000		0.6	0	40	30	0.1	0.1	No Data Available			B5A	P
506	392 300 000		4				30		REC		15mA	B4	RR
506AX	653 420 000		1.2	4.5	40	40	1.2	0.5	No Data Available			B5A	P
506BU	892 300 000		4				30		REC		15mA	B4	RR
506K	892 300 000		2	2			30		REC		15mA	B4	RR
506KB	892 300 000		4				30		REC		15mA	B4	RR
507AX	265 436 200		1.25		40	40	0.9	0.5	No Data Available			B7G	P
509	892 300 000		2				60		REC		20mA	B4	RR
509AX	634 200 000		0.6	2	40		0.1	0.1	No Data Available			B5A	T
511D	892 300 000		4				60		REC		20mA	B4	RR
512AX	653 420 000		0.6	0.6	20	20	0.1	0.1	No Data Available			B5A	P
515BX	634 200 000		0.6		40		0.1	0.1	No Data Available			B5A	T
516AX	603 420 000		0.6	0.6	22.5		0.1	0.2	No Data Available			B5A	T
518AX	653 420 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	P
520AX	653 420 000		0.6	2.5	40	40	0.2	0.1	No Data Available			B5A	P
521AX	653 420 000		1.2	3	20	20	0.8	0.4	No Data Available			B5A	P
522AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available			B5A	P
523AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available			B5A	P
524AX	653 420 000		1.2	1.7	12	12	0.4	0.3	No Data Available			B5A	P
525AX	653 420 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
526AX	653 420 000		1.2	1.5	20	20	0.4	0.4	No Data Available			B5A	P
527AX	653 420 000		1.2	0	20	20	0.1	0.2	No Data Available			B5A	P
528AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available			B5A	P
529AX	653 420 000		1.2	1.2	12	12	0.3	0.3	No Data Available			B5A	P
531DX	653 420 000		1.2	1.5	12	12	0.3	0.3	No Data Available			B5A	P
532DX	653 420 000		1.2	0	20	20	0.4	0.4	No Data Available			B5A	P
533DX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available			B5A	P
535AX	653 420 000		1.2	1.2	15		0.3	0.3	No Data Available			B5A	P
536AX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available			B5A	P
537AX	653 420 000		1.2	1.5	20	20	0.4	0.4	No Data Available			B5A	P
538A	741 226 413		6	2	250		10	5.5	200		5	B9A	TT
539DX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available			B5A	P
541DX	653 420 000		1.2	0	30	30	0.2	0.4	No Data Available			B5A	P
542A	602 304 100		6	2	250		10	5.5	200		5.5	B7G	T
542DX	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P

TYPE

TYPE	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		
T	542DXS	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P
T	543A	402 013 060		6	2.5	200		9.5	3.8	100		3	B8D	T
P	543B	402 013 060		6	2.5	200		9.5	3.8	100		3	B3D	T
P	544A	602 364 100		6	8.5	250		10.5	2.2	100		3	B7G	T
P	544DX	653 420 000		1.2	0	30	30	0.1	0.3	No Data Available			B5A	P
RR	546A	802 309 100		6				30		REC		15mA	B7G	RR
RR	546DX	653 420 000		1.2	0	20	20	0.3	0.4	No Data Available			B5A	P
T	547DX	653 420 030		1.2	0	40	30	0.2	0.4	No Data Available			B5A	P
T	548A	762 344 100		6	0.8 3	100		8.5	5.3	100		5.3	B7G	TT
						150		5	4.5	100		5.3		
T	548DX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available			B5A	P
T	549A	192 310 800		6						D			B7G	DD
RR	550A	471 461 230		6	2	250		2.3	1.6	150		1.6	AO8	TT
P	553AXA	652 430 000	D1	1.2	0	20	20	0.4	0.5	No Data Available			B5A	F
P	559	021 010 030		6.3				27			D			AO8
P	568AX	603 420 000		1.2	5.5	135		1.9	0.6	No Data Available			B5A	T
P	569AX	652 430 000		1.2		60	60	1.8	1.1	No Data Available			B5A	P
P	573AX	624 300 000		1.2	4	90		11	2	80		2	B5A	T
P	574AX	653 420 000		0.6	0.6	20	20	0.1	0.1	No Data Available			B5A	P
RR	578	811 239 146		4.7	3	250		1	1.2	100		1.3	B9A	DDD1
P	605	642 300 000		4	6	150		10	1.4	100		1.4	B4	T
RR	608CX	623 410 000		6.3	2	150		9	5	100		5	B5A	T
RR	612BU	892 300 000		6				30		REC		15mA	B4	RR
P	615	642 300 000		4	41	150		4	1.4	100		1.4	B4	T
T	619CX	623 410 000		6.3	2	250		4	4	100			B5A	T
T	620T	642 300 000		6	99	400		62	2.3	100		2.3	B4	T
RR	635GTX	026 040 310		6	20	350		20		100			AO8	T
P	660	642 300 000		6	100	400		120	2.3	100		2.3	B4	T
T	660T	642 300 000		6	1	100			7.4	100		7.5	B4	T
P	680XP	642 300 000		6	100	400		3.5	1.1	100		1.1	B4	T
P	713A	021 415 360		6	2	150	125	7.5	4	100	100	4	AO8	P
P	717A	021 415 360		6	2	150	125	7.5	4	100	100	4	AO8	P
P	731A	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
P	801	364 200 000		7.5	15	400		60	2.5	100			UX4	T
P	802	205 411 300	A1	6	18	400	250	30	2.2	100	150	2	UX7	P
P	805	642 300 000		6	6	150		10	1.4	100		1.4	B4	T
P	807	254 130 000	A1	6	12.5	400	250	83	6.5	100	150	6	UX5	P
P	816	300 300 000	D1	2.5				120		REC		30mA	UX4	R
P	825	642 300 000		6		150		6	1.4	150		1.4	B4	T
P	825BU	892 300 000		7.5				60		REC		20mA	B4	RR
P	829B	245 134 200	A1/A2	6.3	55	300	250	25	1.9	No Data Available			B7A	PP
P	832	245 134 200	A1/A2	6.3	60	150	125	30	3.5	100	150	3.5	B7A	PP
P	836	2** 00* 300	D1	2.5				120		REC		30mA	B7G	R
P	837	205 411 300		12.6	40	400	150	45		No Data Available			UX7	P
P	840	254 130 000	A1	2	3	200	75	1	0.4	100	60	0.4	UX5	P
P	841	264 300 000		7.5	1	100			0.7	100		0.7	UX4	T
TT	842	264 130 000		7.5	100	400		25	1.2	100		1.2	UX5	T
P	843	264 130 000		2.5	25	350		25	1.7	100		1.7	UX5	T
P	864	364 200 000		1.1	4.5	90		2.9	0.6	80		0.6	UX4	T
T	871	200 300 000	D1	2.5				120		REC		30mA	UX4	R
P	879	200 300 000	D1	2.5				5		D			UX4	R

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	T
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
884	026 040 310		6		300		55	4kΩ	No Data Available			AO8	TH
885	264 130 000		2.5		300		55	4kΩ	No Data Available			UX5	TH
904V	642 310 000		4	2	200		2	2	150		2	B5	T
950	041 230 500	A1	2	16.5	200	150	7	0.9	100	100	0.9	B7	P
951	265 300 000	G1	2	3	200	60	1.7	0.6	100	60		UX4	D
952F	283 310 000		6.3				2		D			5AA	P
954	213 154 000	A1	6.3	3	250	100	2	1.4	100	100		7AA	P
955	264 310 000		6.3	7	250		6.3	2.2	100			5AA	T
956	213 154 000	A1	6	3	250	100	6.7	1.8	100	100		7AA	P
957	322 460 000		1.2	5	150		2	0.6	100			5AA	T
958	364 220 000		1.2	7.5	135		3	1.2	No Data Available			5AA	T
958A	364 220 000		1.2	7.5	150		3	1.2	No Data Available			5AA	T
959	322 154 000	A1	1.2	3	150	60	1.7	0.6	100	60		7AA	P
985	289 130 000		5				30		REC		15mA	UX5	RR
986	289 300 000		5				60		REC		20mA	UX4	RR
994V	642 310 000		4	0.5	100			3.6	100		3.6	B5	T
1002	802 300 000		1.8				60		REC		25mA	B4	R
1005	003 092 030		6.3				30		REC		15mA	AO8	RR
1006	289 300 000		1.7				120		REC		30mA	UX4	RR
1007	008 090 230		1.0				60		REC		20mA	AO8	RR
1012	289 300 000		1.7				120		REC		30mA	UX4	RR
1028	202 322 200	D1	6				60		REC		23mA	B7G	RR
1103	809 231 600	G1	13	2	250		1.5	1.5	100		1.2	B7	DD
1130	892 300 000		1.8				1.3		D			B4	DD
1201	426 141 630		6	3	200		5.5	3	150		3	B8B	T
1201	892 300 000		2.5				30		D			B4	DD
1203	200 800 130		6				5		D			B8B	D
1203A	200 800 130		6				5		D			B8B	D
1204	526 141 310		6	2	250	100	1.7	1.2	100	100	1.2	B8B	P
1206	265 441 730		6	2.5	250	100	4.5	2.1	100	100	2.1	B8B	PP
1216	672 344 100		6	2.3	100		4.8	3.4	100		3.4	B7G	TT
1217	412 365 100		6	2	75	75	6.3	2	80	75	2	B7G	H
1221	165 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
1222	265 403 100		6.3	18	350	250	54	5.2	100	150	5.2	AO8	P
1223	926 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	AO8	P
1229	265 300 000	G1	2	3	150	75	1.7	0.6	100	75	0.6	UX4	P
1230	264 300 000		2	9	150		3		100			UX4	T
1231	265 104 130		6	30	300	200	13	6.3	100	100	6.3	B8B	P
1232	265 114 130		6	2	250	100	6	4.5	100	100	4.5	B8B	P
1236A	333 882 220		2						D			AO8	D
1238	245 671 430		28	3.5	40	30	12.5	3.4	No Data Available			B8B	PP
1247	000 230 000	D1	0.6				0.4		D			B8A	D
1273	265 104 130		6	3	250	100	2.2	1.5	100	100	1.5	B8B	P
1274	028 090 310		6				30		REC		15mA	AO8	RR
1275	289 300 000		5				120		REC		30mA	UX4	RR
1276	264 300 000		4.3	45	250		60	5.2	100			UX4	T
1280	265 104 130		12.5	3	250	100	2.2	1.5	100	100	1.5	B8B	P
1282	265 114 130		6	2	300	150	10	5.8	109	150	5.8	B8B	P
1284	265 104 130		12.5	3	250	100	9	2	100	100	2	B8B	P
1288	364 240 730		1.4		90		5.2	1.8	80		1.8	AO8	TT
1291	274 304 620		1.4		90		5.2	1.8	80		1.8	AO8	TT
1292	364 204 730		1.4		90		5.2	1.8	80		1.8	AO8	TT

TYPE	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		
THY	1293	260 064 030		1.4	0	90		5.2	1.3	80		1.3	B8B	T
THY	1294	200 800 130		1.4				1		D			AO8	D
	1299	365 004 230		1.4	4.5	150	90	10.2	2.4	100	90	2.4	B8B	P
T	1560	289 300 000		5				60		REC		20mA	UX4	RR
P	1560	892 300 000		5				60		REC		20mA	B4	RR
P	1561	892 300 000		4				60		REC		20mA	B4	RR
P	1562	280 300 000		7.5				120		REC		30mA	UX4	R
	1602	264 300 000		7.5	23.5	250		10	1.3	100		1.3	UX4	T
T	1603	265 113 000	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
	1608	264 300 000		2.5	90	400		95		No Data Available			UX4	T
T	1609	364 520 000		1.1	1.5	150	75	2.5	0.7	100	75	0.7	UX5	P
T	1610	264 530 000		2.5	16.5	250	250	31	2.5	100	150	3.8	UX5	P
RR	1611	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	AO8	P
RR	1612	026 540 310	G1	6	3	250	100	5.3	1.1	100	100	1.1	AO8	H
RR	1613	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	AO8	P
T	1614	026 540 310		6	18	350	250	54	5.2	100	150	5.2	AO8	P
RR	1616	200 300 000	D1	2.5				120		REC		30mA	UX4	R
RR	1619	026 540 310		2.5	10	300	250	45	4.5	100	150	4.5	AO8	P
RR	1620	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	AO8	P
RR	1621	026 540 310		6	16.5	250	250	34	3.5	100	150	2.5	AO8	P
RR	1622	026 540 310		6	18	350	250	54	5.2	100	100	5.2	AO8	P
DDT	1624	205 401 300	A1	2.5	10	300	250	45	4.5	100	150		UX7	P
DD	1625	205 401 300	A1	12	12.5	400	250	83	6.5	100	150	6	UX7	P
	1626	026 040 310		12.5	32	250	200	20	2.1	100		2.1	AO8	T
T	1631	026 540 310		12.5	18	350	250	54	5.2	100	150	5.2	AO8	P
DD	1632	026 540 310		12.5	8	200	100	50	9.5	100	90	9	AO8	P
D	1633	471 461 230		25	8	250		11.5	2.6	100		2.6	AO8	TT
P	1634	074 461 230		12.5	2	250		2	1.3	150		1.3	AO8	TT
P	1635	027 446 310		6	0	300		3.5	0.9	100		0.9	AO8	TT
PP	1637	026 500 310	G1	6	18	250	250	32	3.8	100	150	3.8	AO8	P
TT	1638	029 180 310		6						D			AO8	DD
H	1639	026 890 310	G1	6	5.5	250		5	2	100		2	AO8	DDT
P	1641	200 300 000	D1/D2	5				120		REC		39mA	UX4	RR
P	1641/RK60	200 300 000	D1/D2	5				50		REC		12mA	UX4	RR
P	1642	216 471 300	G1	6	16.5	250		8.3	1.4	100			UX7	TT
T	1644	414 752 360		12.5	9	200	200	13	2.1	100	100	2.1	AO8	PP
P	1649	021 415 360		6	2	300	150	10	9	100	100	8	AO8	P
P	1654	2** 00* 300	D1	1.4						D			B7G	D
D	1655	074 461 230		6	2	250		2	1.3	200		1.3	AO8	TT
PP	1659	268 913 000	G1	2.5	2	250		0.9	1.1	150		1.1	UX6	DDT
D	1662	364 526 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	B7G	P
P	1664	026 985 310	G1	2.5	3	250	125	10	1.3	100	100	1.3	AO8	DDP
RR	1701	892 300 000		1.8				120		REC		30mA	B4	RR
RR	1801	892 300 000		4				15		REC		10mA	B4	RR
T	1805	892 300 000		4				30		REC		15mA	B4	RR
P	1807	892 300 000		4				30		REC		15mA	B4	RR
P	1810	003 200 000	D1	4				30		REC		15mA	B4	R
P	1815	892 300 000		4				60		REC		20mA	B4	RR
TT	1817	892 300 000		4				120		REC		30mA	B4	RR
TT	1821	892 300 000		4				30		REC		15mA	B4	RR
TT	1823	892 300 000		4				30		REC		15mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
1831	892 300 000		4				30			REC		12mA	B4	RR
1832	082 300 000		4				120			REC		30mA	B4	R
1851	026 510 310	G1	6	2	300	150	10	9		100	100	8	AO8	P
1851GT	026 510 310	G1	6	2	300	150	10	9		100	100		AO8	P
1852	021 415 360		6	2	300	150	10	9		100	100	8	AO8	P
1853	021 415 360		6	3	300	200	12.5	5		100	150	5	AO8	P
1853GT	026 510 310	G1	6.3	3	300	200	12.5	5		100	100		AO8	P
1861	892 300 000		4				60			REC		20mA	B4	RR
1867	389 200 000		4				60			REC		20mA	UX4	RR
1868	023 100 090		4				60			REC		20mA	F8	RR
1875	023 000 000	D1	4				5			D			8SC	R
1876	123 000 080		4				5			D			8SC	R
1877	002 300 000	D1	4				3			D			B4	R
1881A	892 300 000		4				30			REC		15mA	B4	RR
1882	023 080 090		5				60			REC		20mA	8SC	RR
1883	023 080 090		5				60			REC		20mA	8SC	RR
1884	120 908 030		2.5				15			REC		15	AO3	RR
2033	762 344 100		6	1	100		9.5			100		6	B7G	TT
2051	026 041 310		6		250		75	6	3kΩ	No Data Available			AO8	THY
2101	264 500 000		2	4.5	150	150	8	1.7		100	100	1.7	UX5	P
2102	268 953 000		2	1	100		2.5	1.3		100		1.3	UX6	DDT
2103	274 546 300		2	7.5	150	150	4	1.5		100	100	1.6	UX7	PP
2151	265 413 000		14	31	250	250	47	2.7		100	150	2.4	UX6	P
2318	892 300 000		4				30			REC		15mA	B4	RR
3506	892 300 000		4				15			REC		10mA	B4	RR
3006	802 300 000		4				3			D			B4	D
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		50	3		No Data Available			UX7	TT
3075A	002 300 000	D1	2				3			D			B4	D
3310A	265 113 000	G1	10		250	150	5.6	2		100	100		UX6	P
3311A	265 113 000	G1	10		200	150	33	3		100	100		UX6	P
3328A	265 113 000	G1	7.5		250	150	5.6	1.9		100	100		UX6	P
3329A	265 113 000	G1	7.5		200	125	31	2.9		100	100		UX6	P
3481	026 510 310	G1	6	13.5	150	150	5.5	1.8		100	100	1.8	AO8	P
3720	364 200 000		5	1.5	200		0.2	0.2		150		0.2	UX4	T
3872	364 200 000		2	9	150		3			100			UX4	T
3873	365 200 000	G1	2	3	150	75	1.5	0.6		100	75	0.6	UX4	P
3921	264 300 000		2.5	50	250		34	2.1		100		2.1	UX4	T
3924	265 130 000	G1	2.5	3	200	90	4	1		100	90	1	UX5	P
4019A	264 300 000		4		200		9.7	1.3		100		1.2	UX4	T
4019B	642 300 000		4	4	100		7.5	1.2		100		1.2	B4	T
4020A	264 300 000		2	2	150		1.2	0.6		100		0.6	UX4	T
4020B	642 300 000		2	2	150		1.2	0.6		100		0.6	B4	T
4021A	264 300 000		4	10	150		32.5	3		100		0.6	UX4	T
4021B	642 300 000		4	8	150		23	3		100		3	B4	T
4022AR	264 300 000		4	6	200		16.2	2.2		100		2.0	UX4	T
4022B	642 300 000		4	6	200		16.2	2.2		100		2.0	B4	T
4033	264 130 000		6	20	400		50	9		100		8	UX5	T
4033A	642 310 000		6	20	400		50	9		100		8	B5	T
4033L	642 310 000		6	20	400		60	10		100		8	B5	T
4037A	802 300 000		4				120			REC		30mA	B4	R

TYPE	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		
RR	4045A	642 350 000		5	70	250	60	43	1.3	No Data Available			B5	P
R	4061A	205 411 300	A1	6	10	400	200	50	2.5	100	150	2.5	B7	P
P	4074A	204 140 300	A1/A2	6	13	300		15	3	100		3	UX7	TT
P	4077A	003 200 000	D1	5				120		REC		30mA	B4	R
P	4264A	364 200 000		1.5		100			0.5	100		6	UX4	T
	4274A	289 300 600		5				120		REC		30mA	UX4	RR
P	4300A	364 200 000		5	90	400		50		No Data Available			UX4	T
P	4310A	265 113 000	G1	10	5.5	250	150	5.2	2	100	100	2	UX6	P
RR	4328A	265 113 000	G1	7.5	5.5	250	175		2	100	150	2	UX6	T
R	4328D	026 510 310	G1	7.5	5.5	250	150	6.2	2	100	100	2	AO8	T
	4605	264 130 000		1.8	6	220		4		100			UX5	T
R	4606	423 600 000		4.5	9	130		8.5	1	100		.8	VX4	T
R	4607	423 600 000		2.1	1.6	130		0.7	0.5	100		.4	VX4	T
RR	4608	642 310 000		4	6	150		11	2.5	100		2.5	B5	T
RR	4609	423 600 000		4.2	5	130		8	2.3	100		1.8	UX4	T
RR	4610	542 310 000	A1	4	1.3	200	100	1.5	0.9	100	100	0.9	B5	P
	4611	364 200 000		6	40	200		20	1.7	No Data Available			UX4	T
RR	4611	642 300 000		6	40	200		20	1.7	No Data Available			B4	T
RR	4612	642 300 000		4	40	250		40	2.7	No Data Available			B4	T
TT	4613	642 300 000		4	22	250		48	3.5	No Data Available			B4	T
THY	4614	642 310 000		4	16	200		12	1.3	No Data Available			B5	T
P	4617	423 600 000		4	0.8	130		25	3	100		2.4	VX4	T
DDT	4618	542 310 000	A1	4	2	200	100	3	2.2	100	100	2.2	B5	P
PP	4619	892 300 000		4				30		REC		15mA	B4	RR
P	4623	123 000 000	D1	6.3				5		D			B3G	D
RR	4630	423 600 000		4.2	8.4	180		8.5	1.3	100		.8	UX4	T
RR	4631	264 300 000		2	1.5	150		0.7		150			UX4	T
D	4635	642 310 000		4	16	200		12	9	No Data Available			B5	T
P	4636	542 310 000		4	2	200	100	3	2.3	100	100		B5	P
TT	4650	642 350 000		4	63	300	300	30		No Data Available			B5	P
D	4651	023 180 090		6.3				60		REC		20mA	8SC	RR
P	4652	892 300 000		4				60		REC		20mA	B4	RR
	4654	411 230 050	A1	6	14	250	275	72	8.5	No Data Available			8SC	P
	4654K	023 114 500	A1	6	12.5	250	275	72	8.5	125	125		8SC	P
P	4654P	411 230 050	A1	6	14	250	275	72	8.5	No Data Available			8SC	P
P	4655	462 300 000		4.5				60		REC		15mA	B4	RR
	4657	642 310 000		4	1.5	200		1	2.2	200		2.2	B5	T
T	4670	432 564 570		2	8.5	90	90	1		80	75		8SC	PP
P	4671	264 310 000		6.3	5	200		4.5	2	100			5AA	T
T	4672	513 100 000	A1/G1	6.3	3	90	90	1.2	1.1	100	100	1.1	5AA	P
P	4673	642 310 000	G1	4	2.5	250	200	8	5	100	150	5	B5	P
	4673	023 110 560	G1	4	4	250	200	8	5	100	150	5	8SC	P
T	4675	264 310 000		4	5	200		4.5	2	100			5AA	T
T	4676	251 310 000	A1/G1	4	3	250	100	2	1.4	100	100		5AA	P
T	4679	023 110 560		6	2.5	250	200	8	5	100		4.6	8SC	P
T	4682	023 100 560	G1	4		375	250	24		100	150		8SC	P
	4683	023 004 060		4		350		43		100			8SC	T
T	4684	023 104 560		4		400	250	24		100	150		8SC	P
T	4688	023 104 560		4		400	275	48		100	150		8SC	P
T	4689	026 540 310		6.3		400	275	48		No Data Available			AO8	P
T	4689	023 104 560		6		400	275	48		100	150		8SC	P
	4694	023 104 560		6	7.5	400	250	24	8	100	150		8SC	P
R	4695	251 310 000	A1/G1	6.3	3	250	100	6.7	1.7	100	100		5AA	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
4696	023 180 560	G1	6.3	2.5	250	150	8	14	No Data Available			F8	DP
4699	023 104 560		6	12.5	300	300	55	13	100	150	9	85C	P
5222	402 613 060		6.3	1	100		0.7	1.7	100		1.7	B8D	T
5516	235 242 300	A1	3	14	400	250	75	4	100	150	4	AO8	P
5556	264 300 000		4.5	30	350		9	0.9	No Data Available			UX4	T
5590	412 365 100		6	4.5	90	90	3.9	2	80	90	2	B7G	P
5591	412 365 100		6	1.9	200	125	7.7	5	125	100	5	B7G	P
5603	021 415 360		6	12.5	150	150	50	5.4	100	100	5	AO8	P
5608	412 365 100		6	12	150	125	7.5	5	100	90	5	B7G	P
5610	612 364 000		6	1.5	90		17	4	80		4	B7G	T
5618	265 134 200		3	8	300	75	19	3.5	100	60	3.5	B7G	P
5635	442 *63 710		6	0.5	100		4.8		100		3.8	B8B	TT
5635	412 163 510		6	1.4	100	100	5.3	3.3	100	100	1.9	B8D	P
5637	402 013 060		6		100		1.4	2.7	100		2.7	B8B	T
5639	412 163 510		6	2.6	150	100	21	9	100	100	9	B9D	P
5640	412 163 510		6	6	100	100	31	5	100	100	5	B8B	P
5641	082 813 050		6				30		REC		15mA	B8D	R
5642	023 000 000	D1	1.2				0.25		D			B3G	D
5643	612 113 410		6.3		400		75	5kΩ	No Data Available			B8D	THY
5645	612 430 000		6.3	2.8	100		5	2.7	100		2.7	B5B	T
5646	612 430 000		6.3	1.1	100		1.4	2.4	100		2.4	B5B	T
5647	331 280 000		6				5.0		D			B5A	D
5654	412 365 100		6	2	150	125	7.5	5	100	100	5	B7G	P
5656	544 231 761		6.3	2	150	125	15	5.8	100	100		B9A	PP
5659	025 540 310		12.5	12.5	250	250	32	3	100	150		AO8	P
5660	026 895 310	G1	12.5	3	250	125	10	1.3	100	100	1.3	AO8	DDP
5661	021 415 360		12.5	0.4	250	100	9.2	2	100	100	2	AO8	P
5670	214 607 413		6	2	150		3.2	5.5	125		5.5	B9A	TT
5672	653 420 000		1.2	6.5	60	60	3.1	0.6	No Data Available			B5A	P
5676	624 300 000		1.2	5	150		4	1.6	125		1.6	B5A	T
5677	634 200 000		1.2	6	150		1.9	0.6	100			B5A	T
5678	652 430 000		1.2	0	60	60	1.8	1	No Data Available			B5A	P
5679	218 309 120		6				5		D			B3B	RR
5686	141 235 615		6	12.5	250	250	27	3.1	100	100		B9A	P
5687	741 221 436		6.3	12.5	250		12.5	5.0	100		7	B9A	TT
5690	233 192 310		6				20		REC		30mA	AO8	RR
5691	471 461 230		6	2	250		2.3	1.6	150		1.6	AO8	TT
5692	471 461 230		6	9	250		6.5	2.2	100		2.2	AO8	TT
5693	021 415 360		6	3	250	100	3	1.6	100	100	1.6	AO3	P
5694	126 447 310		6	6	300		7	3.2	No Data Available			AO8	TT
5702	652 311 400		6.3	2	150	115	7.5	5	100	100	5	B7G	P
5703	623 410 000		6.3	2	150		9	5	100		5	B5A	T
5704	623 100 000		6.3				5		D			B5A	R
5718	402 013 050		6	2	100		13	5.5	100		5.5	B9D	T
5719	402 013 060		6	1.3	150		1.8	2.3	100		1.6	B8B	T
5722	802 208 300		3						D			B7G	D
5725	412 365 100		6	2	150	125	5.2	3.2	100	100	3.5	B7G	P
5726	192 310 800		6.3				5		D			B7G	RR
5732	026 510 310	G1	6	3	150	100	8	2.2	100	100	2	AO8	P
5744	623 410 000		6.3	2	250		4	4	100			B5A	T
5749	412 365 100		6	1	250	100	11	4.4	100	100	4.3	B7G	P
5750	412 365 000		6	1.5	510	100	3	7	100		6	B7G	H

TYPE	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		
DP P T P T	5751	741 226 413		6	3	250		1	1.2	100		1.2	B9A	TT
	5755	714 224 163		6	2	250		2.3	1.6	200		1.6	AO8	TT
	5763	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
	5784	652 311 400		6.3	2	150	125	5.2	3.2	100	100	3	B7G	P
	5785	823 000 000		1.2						D			R3G	D
P P P P P	5797	411 235 600		26.5	1	30	30	0.5	1	No Data Available			B8D	P
	5798	741 231 460		26	0	20		2.3	3.1	No Data Available			B8D	TT
	5812	413 365 200		3	23	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
P TT P T P	5825	200 300 000	D1	1.5				2		D			UX4	D
	5838	028 000 310		12				30		REC		15mA	B8A	RR
	5839	028 000 310		26.5				180		REC		30mA	AO8	RR
	5840	412 163 510		6	1.4	100	100	7	5	100	100	5	B8D	P
P R D THY T	5842	602 441 443		6	1.5	150		26	24	100		2.4	B9A	T
	5844	672 344 100		6	2.3	100		4.8	3.4	100		3.4	B7G	TT
	5845	802 290 300		6				5		D			B7G	D.D
	5847	402 106 053		6	2	150	150	13	12.5	150	150	12	B9A	P
	5851	206 005 340		2.5	7.5	150	125	5.5	1.6	125	125	1.6	B8B	P
T D P PP P	5852	028 090 310		6				30		REC		15mA	AO8	RR
	5854	653 420 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	P
	5871	026 540 310		6.3	12.5	250	250	45	4.5	100	150	4	AO8	P
	5873	264 114 730		6	3	150		9	2.9	100		2.3	B8B	TT
	5875	652 430 000		1.2	0	90	90	3.5	2.5	80	90		B5A	P
	DDP P TT P T	5879	401 230 561		6	3	250	100	1.8	1	100	100	1	B9A
5881		026 540 310		6	12.5	300	200	48	5.3	100	150	5	AO8	P
5882		028 090 310		12.6				30		REC		20mA	AO8	RR
5894		245 134 200	A1/A2	6		400	250	30	3.4	No Data Available			B7A	PP
5896		812 093 100		6				15		REC		15mA	B8B	RR
T P RR	5897	402 013 060		6	2.3	150		14	6.5	100		5.8	B8A	T
	5898	402 013 060		6	2	150		1.8	2.3	100		1.7	B8A	T
	5899	412 163 510		6	1.4	100	100	7.2	4.5	100	100	5	B8D	P
	5900	412 163 510		6		100	100	7.2	4.5	100	100	5	B8A	P
	5901	412 163 510		6	1.5	100	100	7.5	5	100	100	5	B8A	P
RR TT TT P TT	5902	412 163 510		6	6.5	100	100	30	4.2	100	100		B8A	P
	5903	812 093 100		26				5		D			B8B	RR
	5904	402 013 060		26	0	20		3	5	No Data Available			B8D	T
	5905	412 163 510		26		20	20	2.3	2.8	No Data Available			B8A	P
	5906	412 163 510		26	1.5	100	100	7.5	5	100	100	5	AO8	P
	P T R T	5907	412 163 510		26		20	20	2.7	3	No Data Available			B8A
5908		412 163 510		26		20	20	2.3	1.7	No Data Available			B8A	P
5910		265 *24 300		1.4		90	90	1.6	0.9	100	90	0.9	B7G	P
T D P	5915	412 365 100		6	0	75	75	6.3	2	80	75	2	B7G	H
	5916	412 163 510		26		100	100	4.4	1.3	100	100	1.3	B8A	P
	5920	762 344 100		6	2.1	100		8.5	6	100		6	B7G	TT
	5930	264 300 000		2.5	45	250		60	5.2	No Data Available			UX4	T
RR P T P H	5931	020 809 030		5				120		REC		30mA	AO8	RR
	5932	026 540 310		6	14	250	250	72	6	100	150	6	AO8	P
	5933	354 120 000	A1	6	14	300	250	83	6.5	100	150	6	UX5	P
	5947	222 833 380		4.4						D			AO8	D
	5961	126 541 340		6		250	100			100	100		AO8	H

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
5963	741 226 413		6	2	75		3.5	2	100		2.5	B9A	TT
5964	762 344 100		6	1	100		9.5	6	100		6	B7G	TT
5965	741 226 413		6	1.8	150		8.2	6.5	150		6	B9A	TT
5967	624 334 270		1.2		40		3	2	No Data Available			B8B	TT
5968	240 670 430		1.2	0	40		0.7	1.3	No Data Available			B8B	TT
5969	245 675 430		1.2	3	125	40	6	1.7	No Data Available			B8B	PP
5970	245 675 430		1.2		40	40	3	1.8	No Data Available			B8D	PP
5971	642 430 000		1.2	2.5	150		5.6	2.5	100			B5A	T
5972	652 430 000		1.2		60	60	2.5	1.3	No Data Available			B5A	P
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	1.3	100		1.8	B8B	T
5992	026 540 310		6	12.5	250	250	45	4.1	100	150	4	AO8	P
5993	802 010 309		6				30		REC		15mA	B9A	RR
5995	802 310 000		6.3				30		REC		15mA	B5A	R
5998	461 471 230		6	14	120		90	14	No Data Available			AO8	TT
6004	020 000 030	D1/D2	2.5				60		REC		20mA	AO3	RR
6005	412 365 400		6	12.5	250	250	45	4	100	150	4	B7G	P
6006	021 415 360		6	14	250	125	11	4.7	100	100		AO8	P
6007	653 420 000		1.2	0.2	20	20	0.4	0.4	No Data Available			B5A	P
6008	653 420 000		0.6	1.1	20	20	0.5	0.1	No Data Available			B5A	P
6021	642 113 470		6	1.0	100		6.5	5.4	100		5	B8D	TT
6026	001 230 460		6	2.6	150		12	5.9	100		5.9	B8B	T
6028	412 365 100		20	1.8	150	125	7.5	5	100		5	B7G	P
6029	624 300 000		1.2	4	90		11	2	80			B5A	T
Ø6030	672 344 100		6	{ 3	150		5	4.5	100		5.8	B7G	TT
				0.8	100		8.5	5.8	100		5.8		
6042	461 471 230		25	8	250		9	2.6	100		2.6	AO8	TT
6045	672 344 100		6	0.5	100		9	6.4	100		6.4	B7G	TT
6046	026 540 310		25	8.2	200	125	46	8	100	125	8	AO8	P
6049	412 163 510		6.3	1.5	100	100	7.4	3.5	100	100	3.5	B3A	P
6050	624 300 000		1.2	5	150		4	1.6	100			B5A	T
6051	652 430 000		1.2	4	40	40	3	1.2	No Data Available			B5A	P
6052	812 093 100		6				30		REC			B8B	RR
6053	812 093 100		26				5		D			B8B	DD
6055	402 013 060		26		40			4.7	No Data Available			B8D	TT
6056	412 163 510		26		40	40		3	No Data Available			B8D	P
6057	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
6058	192 310 800		6				9		D			B7G	DD
6059	041 230 651		6	3	250	100	2	1.2	100	100	1.2	B9A	P
6060	741 226 413		6	2	250		10	5.5	200		5	B9A	TT
6061	*41 230 651		6	13	300	225	34	3.7	100	150	3.7	B9A	P
6062	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
6063	802 309 100		6				30		REC		15mA	B7G	RR
Ø6064	412 361 500		6	{ 2	250	250	10	7.5	100	150	5	B7G	P
				1.5	200	150	4	6.4	100	150	5		
6065	412 361 500		6	2.5	250	250	8	2.5	100	100	2.5	B7G	P
6066	412 389 600		6	3	250		1	1.2	150		1.2	B7G	DDT
6067	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
6068	021 040 350		6.3	8	400	150	36	5.3	100	100		AO8	P
6072	741 226 413		6	4	250		3	1.7	100		1.7	B9A	TT
Δ6080	471 461 230		6	30	100		100	7	No Data Available			AO8	TT

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
TT	6082	471 461 230		26.5	30	100		100	7	No Data Available			AO8	TT
TT	6084	501 236 014		6	2	250	125	10	9	150	100		B9A	P
TT	6085	641 227 413		6	5.5	250		6	2.7	100		2	B9A	TT
TT	6086	541 236 **1		18	1.8	200	100	8.3	8.2	100	100	8	B9A	P
TT	6087	020 809 030		6				60		REC		20mA	AO8	RR
PP	6088	653 420 000		1.2	1.2	40	40	0.7	0.6	No Data Available			B5A	P
PP	6092	653 420 000		1.2	6.5	60	60	2.9	0.7	No Data Available			B5A	P
T	6094	452 634 516		6	12.5	250	250	45	6	100	150	6	B9A	P
P	6095	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
RR	6096	412 365 100		6	2	150	125	7.5	5	125	125	5	B7G	P
P	6097	192 310 800		6				9		D			B7G	DD
T	6098	106 052 430		6	22.5	250	250	77	5.4	100	100		AO8	P
RR	6099	672 344 100		6	{ 3	150		5	4.5	100		5.8	B7G	TT
R					{ 0.8	100		8.5	5.3	100		5.8		
TT	6100	6*2 364 100		6	8.5	250		10.5	2.2	100		3	B7G	T
RR	6101	762 344 100		6	2	150		9	5.5	100		6	B7G	TT
PP	6106	020 809 030		5				60		REC		20mA	AO8	RR
P	6110	812 093 100		6				5		D			B8B	RR
P	6111	642 113 470		6	1.9	100		8.5	5	100		5	B8B	TT
P	6112	642 113 470		6	1.4	150		1.7	2.5	100		0.8	AO8	TT
TT	6113	641 471 230		6	3	250		3	1.7	100		1.6	AO8	TT
TT	6118	026 890 310		6	3	250		1.0	1.2	150		1.3	AO8	DDT
P	6125	6*2 364 100		6	8.5	250		10.5	2.2	150		2.2	B7G	T
T	6132	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P
TT	6134	021 415 360		6	2	300	150	10	9	100	150		AO8	P
TT	6135	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
TT	6136	412 365 100		6	1	250	150	10.6	5.2	100	150	5	B7G	P
TT	6137	021 415 360		6	3	250	100	9.2	2	100	100	2	AO8	P
P	6145	265 104 130		6.3		150	100	34	10	100	100		B7G	P
P	6146	125 141 310	A1	6	28	200	200	100	7	No Data Available			AO8	P
T	6147	206 035 240		1.2	7.5	150	125	5.5	1.6	100	125	1.5	B9B	P
NR	6149	623 410 000		6.3		150		9	5	100			B5A	T
DD	6151	623 410 600		6.3	0	250		4	4	100			B5A	T
T	6152	614 230 000		6.3		200		12	4	100			B5A	T
P	6153T	023 164 570	G1	6	{ 2	100		16	5	100	60	5	B8C	TH
					{ 2	250	100	12	3.5	100	100	3		
P	6156	412 360 500		6	13.5	250	250	16	2.6	100	150	2.6	B7G	P
TT	6157	**1 23* ***	D1	6				120		REC		30mA	B9A	R
DD	6158	741 226 413		6	4.6	250		6	2.3	100		2.3	B9A	TT
P	6159	125 141 310	A1	26	30	200	200	100	7	No Data Available			AO8	P
TT	6169	642 113 640		6	1	200		11	6.5	100		6.5	AO8	T
P	6180	461 471 230		6	8	250		9	2.6	100		2.6	AO8	TT
P	6186	412 365 100		6	1.4	250	150	7	5	100	100	4	B7G	P
P	6187	412 365 100		6	2	150	125	5.2	3.2	100	125	3	B7G	P
RR	6188	461 471 230		6	2	250		2.3	1.6	150		1.4	AO8	TT
P	6189	641 227 413		6	8.5	250		10.5	2.2	100		3	B9A	TT
P	6197	145 236 154		6	3	250	150	30	11	100	150	10	B9A	P
P	6201	741 226 413		6	2	250		10	5.5	100		5	B9A	TT
DDT	6202	802 309 100		6				60		REC		20mA	B7G	RR
TT	6203	800 230 109		6				70		REC			B9A	RR
P	6205	412 163 510		6	4	100	100	7.5	5	100	100	5	B8D	P
TT	6206	412 163 510		6.3	1.3	100	100	7.5	5	100	100	4.5	B8A	P
TT	6211	741 226 413		6	1.2	100		4.6	3.6	100		3.6	B9A	TT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
5216	641 236 510		6	6	200	100	47	8.8	100	100		B9A	P
6222	402 613 080		6.3	1	100		0.7	1.7	100		1.7	B8D	T
6227	041 230 651		6	5.2	200	200	30	9	100	100		B9A	P
6245	652 311 400		6.3	0	150	150	7.5	5.0	100	100		B7G	P
6247	442 613 000	A1	6	3	200		4	3	100		2.6	B7G	T
6252	245 134 200	A1/A2	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	1.0	250	100	3.0	1.8				B9A	P
6281	653 420 000		6	0.8	20	20			No Data Available			B5A	P
6286	624 300 000		1.2	2	60		6	2.1	No Data Available			B5A	T
6287	156 236 546		6	12.5	250	250	48	4.1	100	100		B9A	P
6293	125 141 300	A1	6		200	200	100	7.3	No Data Available			AO8	P
6302	265 113 000	G1	6	2.2	300	150	11	9	No Data Available			UX6	P
6305	112 311 100	D1	4				5		REC		5mA	B7G	R
6325	108 090 230		6				60		REC		20mA	AO8	RR
6327	121 040 350		6	22.5	250	250	120	8	100	100		AO8	P
6350	614 227 143		6	5	150		11	4.6	100		5	B9A	TT
6351	141 321 655		6	2	350	250	12.5	11.5	No Data Available			B9A	P
6352	2** 382 930		1.5						D			B8A	D
6360	414 226 573		6.3	15	200	200	30	3.3	No Data Available			B9A	PP
6374	**1 23* **8	D1	6				120		REC		30mA	B9A	R
6375	400 230 060		1.2	4.5	150		12.0	3.4	150		3.4	B8D	T
6384	106 052 430		6.3	22	250	250	77	5.5	No Data Available			AO8	P
6385	214 607 413		6	2.1	150		82	5.5	125		5.5	B9A	TT
6386	214 607 413		6	2	100		9.6	4	100		4	E9A	TT
6394	461 471 230		26.5	45	150		100	11	No Data Available			AO8	TT
6397Spec	206 035 240		1.2		150	150	9	2.3	100	100		B9D	P
6414	641 227 413		6.3	2	200		8	5.5	100			B9A	TT
6417	601 235 144		12.5	7.5	250	250	45	7	100	150	7	B9A	P
6418	652 430 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
6419	652 430 000		0.6	0.6	15	15	0.06	0.1	No Data Available			B5A	P
6443	**1 23* ***	D1	6				120		REC		36mA	B9A	R
6463	614 227 143		6	10	250		14.5	5.2	100			B9A	TT
6485	412 365 100		6	1.6	300	150	10	9	100	100		B7G	P
6486/A	410 263 511		6.3	2	150	125	3.5	3.2	125	125	3.5	B9A	P
6488	412 653 160		6	2.0	100	100	7.5	5.0	100	100	5.0	B8D	P
6489	261 360 000		6		100		8		100			Sm5	T
6516	412 360 500		6	13.5	250	250	16.0	2.6	100	150	2.6	B7G	P
6519	653 420 000		1.2		22.5	22.5	0.4	0.4	No Data Available			B5A	P
6520	461 471 230		6	60	150		50	7	No Data Available			AO8	TT
6526	652 430 000		1.2	6	100	100	6.5	1.9	100	100		B5A	P
△ 6528	471 461 230		6	20	200				No Data Available			AO8	TT
6533	644 612 360		6		150		0.9	1.7	100			B8D	T
6535	672 344 100		6	0.8	100		8.5	5.3	100		5.3	B7G	TT
6542	542 134 500	A1/A2	6	2	200	200	50	4.5	100	100		B7A	PP
6550	028 540 310		6	16.5	400	225	87	9	No Data Available			AO8	P
6582A	410 263 511		6		150	125	7.5	4.5	100	100		B9A	P
6611	652 430 000		1.2		40	40	1	1	No Data Available			B5A	P
6612	652 430 000		1.2		40	40	3	3	No Data Available			B5A	P
6660	412 365 100		6	1.1	250	100	11	4.4	100	100	4.3	B7G	P
6661	412 365 100		6	1.0	250	150	7.4	4.6	100	100		B7G	P

TYPE	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		
P	6662	412 365 100		6	1.0	250	100	9.2	3.6	100	100	3.6	B7G	P
	6663	182 310 900		6				9		D			B7G	DD
T	6664	412 389 600		6	12	250		10	5.5	100			B7G	DDT
P	6609	412 365 400		6	12.5	250	250	47	4.1	100	150	4	AO3	P
T	6676	412 365 100		6	56	150	150	13	8	100	100		B7G	P
PP	6677	145 236 154		6	3	250	150	30	11	100	100		B9A	P
	6678	645 237 114		6	{ 1.6 0.9	150 250		18 10	8.5 5.2	100 100	60 100	9 5	B9A	TP
P	6579	641 227 413		6	2	250		10	5.5	100		5	B9A	TT
P	6680	641 227 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
T	6681	641 227 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
P	6686	041 230 651		6	2.5	200	200	20	11	100	100		B9A	P
P	6687	412 365 100		6	5	150	75	0.5	0.6	125	75	0.6	B7G	H
R	6688	141 23* 615		6	1	200	150	13.1	16.5	No Data Available			B9A	P
RR	6689	541 236 **1		6	1.7	200	125	10	9	100	100		B9A	P
P	6590	742 163 410		6	0.8	100		8	4.8	100		4.8	B9A	TT
P	6597	641 227 413		6	8.5	250		10	2.0	150			B9A	TT
TT	6754	801 023 109		6				30		REC		15mA	B9A	RR
P	6760	641 236 510		18	7.5	150	125	70	12	No Data Available			B9A	P
PP	6761	641 236 510		6	7.5	150	125	70	13	No Data Available			B9A	P
	6788	412 163 510		6	1.4	100	100	0.8	1.1	100	100	1.1	B9A	P
R	6614	402 013 660		6		100		10	6	100		6	B8A	T
T	6829	641 227 413		6	2.2	150		10.7	8.1	150		8.1	B9A	TT
P	6832	642 113 470		6		100		0.7	1	100			B9D	TT
TT	6840	614 227 130		6.3		250		14	6.7	100			B8D	P
TT	6850	542 134 500	A1/A2	12		200	200	50	4.5	100	100		B7A	PP
	6851	641 227 413		6.3	3.1	250		1	1.2	100		1.2	B9A	TT
	6853	030 809 020		5				60		REC		20mA	AO3	RR
P	6854	214 607 413		6.3	19.6	150		6.2	5.2	100		5.2	B9A	TT
TT	6870	141 223 651		6	3.5	250	250	25	8.5	100	100	8	B9A	P
P	6872	521 413 100	A1	6.3	1	400	100	3.5	2.2	100	100		B7G	P
P	6877	402 634 016		6.3	12	100		75	6.5	No Data Available			B9A	T
R	6863	125 141 130	A1	12	30	200	200	100	7	No Data Available			B9A	P
	6887	182 310 900		6				10		D			B7G	DL
TT	6868	021 415 600		6.3		150	90	38		100	30		AO8	P
P	6869	200 053 420	A1	6.3	22.5	250	250	77	5.4	100	100		AO8	P
P	6893	125 141 130	A1	12	30	200	200	100	7	No Data Available			B9A	P
T	6900	741 221 436		6.3	2	150		36	11.5	No Data Available			B9A	TT
	6907	245 134 200	A1/A2	6.3	50	400	250	100		No Data Available			B7A	PP
P	6913	741 226 413		6.3	5	150		11	4.6	100			B9A	TT
TT	6919	182 310 900		6				5		D			B7G	RR
P	6922	641 327 411		6.3	1.2	90		15	12.5	No Data Available			B9A	TT
TT	6927	672 344 100		6	{ 3 0.8	150 100		5 8.5	4.5 5.8	100		5	B7G	TT
T	6928	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
TT	6939	414 226 573		6.3	100	150	150	25	10.5	No Data Available			B9A	PP
PP	6934	412 163 510		6.3		100	100	8	3.6	100	100	3.6	B8D	P
P	6944	412 163 510		6.3		100	100	7	3.2	100	100	3.2	B8D	P
P	6945	412 163 510		6.3		100	100	25	3.5	100	100		B8D	P
	6946	402 013 060		6.3		100		9	3.8	100			B8D	T
P	6947	642 113 470		6.3		150		6.5	4	100			B8D	TT
P	6948	642 113 470		6.3		100		0.8	1.6	100			B8D	TT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
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
7000	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	AO8	P
7025	741 236 413		6	2	250		1.2	1.6	150		1.6	B9A	TT
7027	526 544 310		6.3		200	200			100	100		B8A	P
7032	412 365 100		6.3	2	250	100	4.5	1.8	100	100		B7G	H
7036	412 365 100		6	0	75	75	6.3	2	80	75	2	B7G	H
7044	641 221 437		6.3	2	150		36	10	No Data Available			B9A	TT
7051	645 237 114		6.3	{ 1.0 1.0	150 200	100	18 10	8.5 5	100 100	60 100	8	B9A	TP
7054	141 23* 651		13.5	2.7	250	150	19	11.5	100	100		B9A	P
7055	182 310 900		13.5				5		D			B7G	RR
7056	412 365 100		13.5	2.2	200	150	9.5	6.2	100	100		B7G	P
7057	641 237 410		13.5	2.2	150		10	6.8	100			B9A	TT
7058	641 237 410		13.5		250		1.2	1.6	100			B9A	TT
7059	645 237 114		13.5	{ 1 0.9	150 250	100	18 10	8.5 5.2	100 100	60 100	8 5	B9A	TP
7060	641 237 541		13.5	{ 1.5 1.6	150 200	125	9 15	4.9 7	100 100	60 100		B9A	TP
7061	504 234 156		13.5	10	200	200	36	4.2	100	100		B9A	P
7062	641 227 413		6.3	0.8	100		8.5	7.8	100		8.5	B9A	TT
7066	208 564 300		1.4		100	100	1.1	0.4	100	100	0.4	B7G	DP
7071	*** 23* ***	D1	6.3						D			B9A	D
7072	*** 23* **8	C	6.3				180		REC		40mA	B9A	R
7073	*** 23* **8	C	26				180		REC		40mA	B9A	R
7074	641 231 146		6.3		200		12	14	No Data Available			B9A	T
7075	641 234 146		3.8		200		12	14	No Data Available			B9A	T
7078	041 230 651		6.3	2.0	250	100	9	4.4	100	100	4	B9A	P
7079	041 230 651		12.6		200	100	12	4.4	100	100	4	B9A	P
Δ 7105	471 461 230		12.6	30	100				No Data Available			AO8	TT
7108	501 236 014		6.3		250	150	3	2	100	100		B3A	P
7110	141 230 651		6.3	3.5	250	250	10	6.8	100	100		B9A	P
7118	641 227 413		6.3	1.4	100		8.5	5.6	100		5.6	B9A	TT
7119	641 221 437		6.3	7	200		23	6.4	100		6.4	B3A	TT
7125	541 236 891		6.3	2	250	100	9	3.8	100	100	3.6	B9A	DDP
7137	412 344 600		6.3	1.3	150		13.5	8.5	100			B7G	T
7143	412 314 600		3.1	1.0	200		11.5	6.7	100		6	B7G	T
7144	641 237 410		6.3	1.2	90		15	12.5	No Data Available			B3A	TT
7145	501 236 014		6.3	2.0	50	50	1.8		80	60		B9A	P
7150	631 421 1*5		6.3		150	125	24	34	No Data Available			B9A	P
7167	412 365 100		13.5	1	150	30	10	8	No Data Available			B7G	P
7184	026 540 310		6.3	12.5	250	250	47	4.1	100	100		AO8	P
7189	*41 23* 6*5		6.3	7.3	250	250	48	11.3	No Data Available			B9A	P
7193	020 000 310	A1/G1	6	10.5	300		11	3	100		3	AO3	T
7199	675 231 414		6.3	{ 8 1.5	200 250	125	9 12.5	2 7	100 100	60 100		B9A	TP
7212	125 142 360		6.3	23	200	200	100	7	No Data Available			AO8	P
7227	*41 23* 651		27.5	2.5	40	40	8	5	No Data Available			B9A	P
7233	646 236 416		6.3	40	150		50	9	No Data Available			B9A	T
7236	471 461 230		6.3	14	150		100	12.5	No Data Available			AO3	TT

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 169					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
P	7239	41* 235 1*1	A1	6.3	5	300	100	10.5	4.2	100	100		B9A	P
TT	7244	672 344 100		6	0.4	100		9	6	100		5	B7G	TT
P	7245	412 344 600		6.3		150		13.5	11	100			B7G	T
P	7247	641 227 413		6.3	2 8.5	250		1.2	1.6	100		1.6	B9A	TT
TT	7258	641 237 541		12.5		150		10.5	2.2	100		2.2		
P	7303	741 236 410		6.3	3 1.4	150	125	15	4.5	100	60		B9A	TP
TT	7316	641 227 413		6.3		90		12	7.8	100	100			
H	7318	641 227 413		6.3	100		11.8	3.1	100		3		B9A	TT
TT	7318	641 227 413		6.3	8.5	250		11.5	2.3	100			B9A	TT
TP	7320	041 230 605		6.3	7.3	250	250	49	11.3	100	100		B9A	P
TP	7355	026 014 350		6.3	15	250	250	70	7.6	100	100		AO8	P
P	7358	125 141 300		6.3		200	200	100	7	100	100		AO8	P
RR	7370	641 221 437		20	2	120		36	11.5	100		11.5	B9A	TT
P	7382	412 300 600		6.3	2	250		1.2	1.6	100		1.6	B7G	T
TT	7408	026 540 310		6.3	12.5	250	250	4.7	4.6	100	100		AO8	P
TT	7489	741 226 413		6.3	8.5	250		10.5	2.2	100			B9A	TT
TT	7492	741 226 413		6.3		250			5.5	100			B9A	TT
TP	7498	412 361 500		6.3		250	250		7.5	100	100		B7G	P
TP	7534	*2* 54* 310	A	6.3	15.5	250	150	100	25.0	No Data Available			AO8	P
TP	7543	412 365 100		6.3	1.0	250	150	10.8	5.2	100	100	5	B7G	P
P	7551	145 236 151		13	18	250	250	40	5.3	80	60		B9A	P
TT	7558	145 236 151		6.3	18	250	250	40	5.3	100	100		B9A	P
DP	7561	026 540 310		25		100	100	555	10.5	No Data Available			AO8	P
D	7581	026 540 310		6.3	14	250	250	72	6	100	100		B9A	P
RR	7591	026 514 350		6.3	10	300	300	75	10.2	100	100		AO8	P
R	7607	125 141 300	A1	6.3	17	300	250	80	8	100	100		AO8	P
T	7643	645 237 114		6.3	2 0.5	100		14	5	100		6	B9A	TP
T	7683	416 236 156		6.3		200	175	10	6.2	100	100	5		
P	7687	645 237 114		6.3	8.5	200		7.5	2.5	100	60		B9A	TP
TT	7693	412 365 100		6.3		200	125	10	5.8	100	100			
P	7684	412 365 100		6.3	100	250	150	7.4	4.6	100	100		B7G	P
P	7695	5** 234 1*6		50	80	250	100	9.2	3.6	No Data Available			B9A	P
TT	7699	414 226 573		6.3	11	130	130	100	11.0	No Data Available			B9A	PP
TT	7700	265 113 600	G1	6	3	250	100	2	1.2	100	100	1.2	UX6	P
DDP	7701	141 236 515		13.6	12.5	250	250	28	3.6	100	100		B9A	P
T	7716	146 231 457		13.6	1.0 60	150		1.6	3	100	60	2.5	B9A	TP
T	7717	412 365 100		6.3		200	100	24	9.5	100	100			
TT	7719	641 226 413		6.3	1	125	80	16	8	100	80		B7G	P
P	7721	141 230 615		6.3	10.5	300		4.0	3.5	100		3	B9A	T
P	7722	141 230 615		6.3	10	200	150	22	35	No Data Available			B9A	P
P	7724	181 239 146		6.3	1	200	150	34	27	No Data Available			B9A	P
P	7728	641 227 413		14	3.0	250		0.7	1.0	100		1	B9A	DDT
P	7729	641 227 413		6.3	2	250		10	5.5	100		4	B9A	TT
T	7729	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT
TP	7730	641 227 413		6.3	2	250		1.2	1.6	100		1.2	B9A	TT
P	7731	641 237 114		6.3	1 0.95	150		18	8.5	100	60		B9A	TP
P	7732	412 365 100		6.3		250	100	10	5.2	100	100			
P	7733	141 223 651		6.3	1	200	125	13	8	100	100		B7G	P
T	7734	514 236 147		6.3	3	250	175	24	12	No Data Available			B9A	P
TT	7734	514 236 147		6.3	21 2.0	150		35	5.4	No Data Available			B9A	TP
				6.3		150	150	5.5	3.2					

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
7738	642 314 600		6.3		400		12	9.9	No Data Available			B7G	T
7751	026 540 310		6.3	8	100	100	100	14	No Data Available			AO8	P
7752	412 365 100		6	2	150	125	5.5	3.5	100	100	3.5	B7G	P
7754	5** 234 1*6		6.3		150	150	100	11	No Data Available			B9A	P
7755	412 365 100		6		40	30	3	2.7	No Data Available			B7G	P
7755	106 052 430		6	36	300	300	58	4.3	100	150	4.3	AO8	P
7757	451 034 510		6.3	12.5	250	250	45	4.1	100	PenLF	4.0	B9A	P
7759	642 113 470		26.5	1	100		6.5	5.4	100		5.4	AO8	TT
7760	642 113 470		26.5		26.5		3	5	No Data Available			AO8	TT
7761	214 607 413		12.5		150		8.2	5.5	100			B9A	TT
7762	412 163 510		26.5	1.2	110	110	30	4.2	100	100	4	AO3	P
7783	141 235 615		6.3		150	150	35	50	No Data Available			B9A	P
7803	641 237 410		6.3	1.3	90		15	12.5	No Data Available			B9A	TT
7808	541 234 506		6.3	10	300	300	60	10.2	No Data Available			B9D	P
7887	642 113 470		26.5	1.9	100		8.5	5	100		5	AO8	TT
7883	462 031 060		26.5	2.3	150		13	6.5	100		5	AO8	T
7889	642 113 570		26.5	1.4	150		1.75	2.5	100		2	AO8	TT
7393	741 236 41*		13.5	2	250		10	5.5	100		5.5	B9A	TT
8013A	200 300 000	D1	2.5				15		REC		10mA	B4	R
8016	020 000 030	D1	1.2						D			AO3	D
8032	125 141 310	A1	13.5	32	200	200	100	7	No Data Available			AO8	P
8077	141 23* 651		13.5	2.7	250	150	19	11.5	100	100		B9A	P
8223	741 235 410		6.3	1.5	100		30	20	No Data Available			B9A	TT
8233	615 231 141		6.3	3	150	150	50	45	No Data Available			B9D	P
8255	411 234 444		6.3	1.2	150		12	13	No Data Available			B9A	T
8343	424 238 572		1.6		200	200	30	3.3	100	100		B9A	PP
9001	412 365 100		6	3	250	100	2	1.4	100	100	1.4	B7G	P
9002	612 364 100		6	7	250		6.3	2.2	100		2.2	B7G	T
9003	412 365 100		6	3	250	100	6.7	1.8	100	100	1.8	B7G	P
9004	203 120 000		6.3				5		D			5AA	R
9005	218 330 000		3.6				1		D			5AA	D
9006	812 380 100		6				5		D			B7G	R
9072	020 000 310	A1/G1	6		300		15	2.5	No Data Available			AO3	T
18004	423 600 090		4.4	25	130		22	1	100		18	UX4	T
18013	061 231 500	G1	4		200	200	3	5	100	100		B7	P
18014	005 231 600	G1	4		200	200	35	8	100	100		B7	P
18015	061 231 500		21		150	125	8	3.3	125	125	8.3	B7	P
18016	005 231 600		21		150	125	48	9	125	125	9	B7	P
18040	265 104 130		18	3.4	200	200	15	10	100	150	10	B8B	P
12042	541 236 **1		18	1.3	200	100	3.3	8.2	100	100	8	B9A	P
13043	541 236 **1		6	1.8	200	200	8.2	8.2	100	100	8	B9A	P
13045	041 230 651		18	3	200	200	20	11	100	150	10	B9A	P
13046	041 230 651		18	3	200	100	20	11	100	150	10	B9A	P
13048	251 504 130		20	4.8	250	150	16	6.5	100	100		B8D	P
95103	653 320 000		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	AO8	TT
A11A	892 300 000		4				60		REC		20mA	B4	RR
A11B	892 300 000		4				60		REC		20mA	B4	RR
A11C	892 300 000		4				60		REC		20mA	B4	RR
A11D	892 200 000		4				60		REC		20mA	B4	RR
A20B	892 310 000		4				60		D			B5	DD

TYPE	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		
T	A23A	809 231 600	G1	4	7	250		4	2	100		2	B7	DDT
P	A26	264 300 000		15	1.5	90		4.5	1.1	80		1.1	UX4	T
P	A27D	819 236 500	G1	4	6	250	250	36	9.5	100	150	9.5	B7	DDIP
P	A28	264 300 000		15	1.5	90		7.5	1.1	80		1.1	UX4	T
P	A30	264 300 000		15	27	200		22	1.0	100		1.0	UX4	T
P	A30B	642 310 000		4	2	250		10	5.5	200		5.5	B5	T
P	A30D	642 310 000		4	3.5	200		6	2.4	100		2.4	B5	T
P	A32	264 300 000		15	3	150		1.5	0.9	150		0.9	UX4	T
TT	A36A	645 231 700	G1	4	2	150		6	1.2	150	60	1.2	B7	TH
TT				200		100	3.5	200	75					
TT	A36B	645 231 700	G1	4	2	100		22	6	100	60	6	B7	TH
P				250		250	3.5	0.75	100	150				
TT	A36C	645 231 700	G1	4	3	100		9	3.8	100	60	5	B7	TH
P				250		100	3.25	2.5	100	100	3			
TT	A40	264 300 000		15	40.5	200		21	1.5	100		1.5	UX4	T
P	A40	264 310 000		4		100		2	100		2		2	5AA
TT	A40M	254 130 000	A1	4	1.5	200	100	3	2	200	100	3	UX5	P
TT	A40M	542 310 000	A1	4	1.5	200	100	3	2	200	100	2	B5	P
TT	A41	351 220 000	A1/G1	4		250	100		2	100	100		5AA	P
R	A48	264 300 000		15	4.5	90		4.5	1.1	80		1.1	UX4	T
D	A50A	542 310 000	A1	4	2	200	100	3	2.3	100	200	2.3	B5	P
P	A50A	040 231 500	A1	4	2	200	100	3	2.3	100	100	2.3	B7	P
P	A50B	061 231 500	G1	4	1.5	250	250	6	3.5	200	200	3.5	B7	P
P	A50M	041 231 500	A1	4	2	200	125	4.5	2.3	100	100	2.3	B7	P
TT	A50M	542 310 000	A1	4	2	250	125	4.5	2.3	100	100	2.3	B5	P
P	A50N	542 310 000	A1	4	2	250	100	4.2	2.5	200	100	2.5	B5	P
TT	A50N	041 231 500	A1	4	2	250	100	4.2	2.5	200	100	2.5	B7	P
PP	A50P	060 231 500	G1	4	3	250	250	11.5	2	100	150	2	B7	P
P	A70B	642 310 000	G2	4	25	250	250	36	2.6	100	150		B5	P
TT	A70B	045 231 600		4	25	250	250	36	2.6	100	150	2.6	B7	P
R	A70C	045 231 600		4	3	250	250	36	9	100	150	9	B7	P
D	A70D	045 231 600		4	3	250	250	36	9	100	150	9	B7	P
P	A70D	642 350 000		4	5.8	250	250	36	9.5	100	150	8	B5	P
R	A70E	045 231 600		4	14	250	275	72	8.5	100	150	8.5	B7	P
TT	A70P	045 231 600		4	14.5	250	250	70		100	150		B7	P
PP	A80A	123 164 560	G1	4	1.8	90		2	0.6	100	90	1.3	8SC	O
P				8.5		250	75	1.6	200		2.5			
P	A80A	645 231 700	G1	4	1.8	90	75	2	0.6	100	90	1.3	B7	O
P				8.5		250	75	1.5	100	90	1.5			
P	A104	642 300 000		1.1	10	100		5	0.3	100		0.3	B4	T
P	A106	642 300 000		1.4	9	100		2	0.4	100		0.4	UX4	T
P	A106	642 300 000		1.4	9	100		2	0.4	100		0.4	B4	T
P	A109	642 300 000		1.3	9	150		2	0.4	100		0.4	B4	T
P	A109	264 300 000		1.4	9	150		2	0.4	100		0.4	UX4	T
P	A110	264 300 000		1.4	4.5	150		4	0.4	125		0.4	UX4	T
TT	A110	642 300 000		1.4	4.5	150		3	0.4	125		0.4	B4	T
RR	A125	642 300 000		1.2	3	150		0.4	0.4	100		0.4	B4	T
RR	A203	642 300 000		2	30	150		12	1.5	100		1.5	B4	T
RR	A205	642 300 000		2	18	150		7	1.2	100		1.2	B4	T
RR	A206	642 300 000		2	8.5	150		3.8		100		1	B4	T
RR	A209	642 300 000		2	9	150		4	1.0	100		1.0	B4	T
DD	A209	264 300 000		2	9	150		4	1.0	100			UX4	T
	A210	364 200 000		2	9	150		3	1.0	100			UX4	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 150					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
A210	642 300 000		2	9	150		3	0.9	100		0.9	B4	T
A211	642 300 000		2	2	150		2	1.2	100		1.2	B4	T
A214	642 300 000		2	3	150		4.5	1.3	100		3	B4	T
A225	642 300 000		2	3	150		1	1	100		1	B4	T
A225	364 200 000		2	3	150		1	1	100		1	UX4	T
A235	200 300 000	D1	6				30		REC		15mA	UX4	R
A235	042 300 000	A1	2		150		1.5	0.4	150		0.4	B4	T
A239	230 300 000	D1	2.5				50		REC		20mA	UX4	R
A241	642 300 000	G2	2	2	20	20	1.2	1	No Data Available			B4	P
A242	265 300 000	G1	2	3	150	75	1.7	0.6	100	75	0.6	UX4	P
A303	264 300 000		3	27	150		3	0.6	100			UX4	T
A306	264 300 000		3	15	150		1.5	0.4	100			UX4	T
A404	642 300 000		4	10	100		4	0.4	100		0.4	B4	T
A406	364 200 000		4	9	100		2	0.4	100			UX4	T
A406	642 300 000		4	9	100		2	0.4	100			B4	T
A408	642 300 000		4	4	150		4	1.5	100		1.5	B4	T
A409	642 300 000		4	9	150		3.5	0.9	100		1.2	B4	T
A409	264 300 000		4	9	150		3.5	0.9	100		0.9	UX4	T
A410	642 300 000		4	3	150		3.5	0.5	100		0.2	B4	T
A410	264 300 000		4	3	150		3.5	0.5	100		1.2	UX4	T
A410N	642 300 000		4	3	150		3.5	0.5	100		0.5	B4	T
A411	642 300 000		4	3	200		6	2.5	150		2.5	B4	T
A414	364 200 000		4	4.5	150		3	2	100		2	UX4	T
A414	642 300 000		4	4.5	150		3	2	100			B4	T
A415	642 300 000		4	4	150		4	1.5	100		2	B4	T
A416	642 300 000		4	4.5	150		4	2	100		2	B4	T
A420	642 300 000		4	4	150		4	1.5	100		1.5	B4	T
A425	642 300 000		4	2.5	200		0.2	1.2	100		1.2	B4	T
A430	642 300 000		4	3	200		6	2.5	150		2.5	B4	T
A430	042 300 000	A1	4		150		1.5	0.5	150		0.5	B4	T
A430N	642 310 000		4	4.5	250		6.5	3.5	100		3	B5	T
A435	642 300 000		4	1	150		2.1	0.5	150		0.5	B4	T
A440N	642 310 000		4	1.6	200		0.2	2.2	150		2.2	B5	T
A442	542 300 000	A1	4	1	200	100	4	0.7	200	100	0.8	B4	P
A442	254 300 000	A1	4	1	200	100	1	0.4	200	100	0.8	UX4	P
A557	602 310 000	G1	4	3	150		28	2	100		2	B5	T
A577	602 310 000	G1	4	20	250		40	2	100		2	B5	T
A600	642 300 000		6	9	150		4	1.5	100		1.5	UX4	T
A609	642 300 000		6	9	150		4	1.5	100		1.5	B4	T
A609	602 310 000	G1	6	9	150		4	1.5	100			B5	T
A615	642 300 000		6	4.5	150		4	2.4	100		2.4	B4	T
A630	642 300 000		6	1.5	150		0.7	1.5	150		1.5	B4	T
A635	642 300 000		6		150		1.2	1.5	150		1.5	B4	T
A642	542 300 000	A1	6	1	200	100	4	0.7	200	100	0.7	B4	P
A802	642 310 000		4	3	100		2.5	2.5	100		2.5	B5	T
A819	060 231 500	G1	4		250	250	8	7.5	100	100		B7	P
A853	026 500 310	G1	6	3	250	100	2	1.2	100	100	1.2	AO3	P
A901	045 231 600		5		100	100	50	9	No Data Available			B7	P
A1635	026 510 310	G1	6.3	3	150	100	3	3.2	100	100	3.2	AO3	P
Δ A1714	412 3** 600		6	2.2	150		10	8.5	100		8	B7G	T
A1820	265 004 130		6		250	250	40	10.5	100	150	9	B3B	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
AC104	642 310 000		4	10	150		8.5	3.5	100		3.5	B5	T
AC701	103 060 020	G1	4	1.6	40		0.5	0.7	No Data Available			B8D	T
ACD	802 310 000		4						D			B5	D
ACDD	892 310 000		4						D			B5	DD
AC/DDT	809 231 600	G1	4	4	200		5	2.3	100		2.3	B7	DDT
AC/DX	642 310 000		4	3	200		5	3.5	100		3.5	B5	T
AC/G	642 310 000		4	7.5	200		8	2.7	100		2.7	B5	T
ACH1	174 652 300	G1	4	2	150	75	5	2	100	60	2	C7 TH	
ACHL4	642 310 000		4	5	250		5	3.3	100		3.3	B5	T
ACHF	642 310 000		4	3	200		3	2.5	100		2.5	B5	T
ACHL	642 310 000		4	2.5	200		7	2	100		3.5	B5	T
AC/HLDD	809 231 600	G1	4	3	200		4.9	2.6	100		2.6	B7	DDT
ACHLDD	910 231 630	G1	4	3	200		4.9	2.6	100		2.7	B9	DDT
ACHL4DD	809 231 600	G1	4	3	250		7	2.5	100		2.5	B7	DDT
ACHM4	542 310 000	A1	4		250	100	10	2.5	100	100	2.5	B5	P
AC/HP	041 231 500	A1	4	1.5	200	100	4.2	3.2	100	100	3.2	B7	P
AC/HP	543 210 000	A1	4	1.5	200	100	4.2	3.2	100	100	3.2	B5	P
ACHVP	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P
ACH4	642 310 000		4	4	200		3	3.3	100		3.3	B5	T
AC/L	642 310 000		4	13.5	200		17	4.25	100		4.25	B5	T
ACL4	642 310 000		4	15	250		9	4	100		4	B5	T
AC/LP	642 310 000		4	14	200	18	4.25		100		4.25	B5	T
ACME4	642 310 000	G2	4	16	250	250	26		100	150		B5	P
ACP	642 300 000		4	21	200		19	3	100		3	B4	T
AC/P	642 310 000		4	13.5	200		17	2.7	100		2.7	B5	T
ACP1	642 310 000		4	28	200		24	2.3	100		2.3	B5	T
ACP/4	042 310 000	A1	4	1	100		20	7	100		7	B5	T
ACP/4	642 310 000		4	20	250		20	4	100		4	B5	T
ACPN	642 350 000		4	12	250	200	22		100	150		B5	P
ACPNDH	642 350 000		4	10	250	200	18		100	150		B5	P
AC/PP	642 300 000		4	25	400		50	5	100		5	B4	T
ACPP	045 231 600		4	5.5	250	250	32		100	100		B7	P
AC/Pe	045 231 600		4	15.5	250	250	32	2.7	100	100	2.5	B7	P
AC/Pe	642 310 000	G2	4	12	200	200	24	2.5	100	100	2.5	B5	P
ACPT	642 310 000	G2	4	8	250	200	31		100	150		B5	P
ACPX4	642 310 000		4	18	250		30	4	100		4	B5	T
ACPX4A	642 300 000		4	25	250		50	5	100		5	B4	T
ACQ	045 231 600		4	22	400	250	57	6	100	150	6	B7	P
ACQA	045 231 600		6	23	400	250		6	150	150	6	B7	P
AC/SIVM	542 310 000	A1	4	1.4	200	75	5.6	1.1	200	75	1.1	B5	P
AC/S2	542 310 000	A1	4	1	200	60	6	3.4	200	60	3.4	B5	P
AC/S2Pe	041 231 500	A1	4	1.5	250	100	8	4.6	200	100	5.5	B7	P
AC/SG	542 310 000	A1	4	1.5	200	60	4.5	1.9	200	60	1.9	B5	P
AC/SGVM	542 310 000	A1	4	2	200	60	5.8	2.0	200	60	2	B5	P
AC/SH	542 310 000	A1	4	1.5	200	75	7.4	2.5	200	75	3.5	B5	P
AC/SL	041 230 500	A1	4	2	200	100	3.8	2	200	75	2	B5	P
ACSP1	041 231 500	A1	4	3	200	200	4.9	2.7	100	150	2.7	B7	P
ACSP3	061 231 500	G1	4	1.5	250	100	9	7.5	200	100	7.5	B7	P
AC/SP3/RH	061 231 500	G1	4	1.5	250	100	7	7.5	100	100		B7	P
ACTH1	654 231 700	G1	4	2.7	75		6	3	100	60	3.5	B7 TH	
				3	250	100	3	3.5	520	100	3.8		

TYPE	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		
T	ACTH1A	216 740 530	G1	4	{ 3 3	75 250	100	6 3	3 3.5	100 100	60 100	3.5 3.5	} MO8	TH
T	ACTP	571 231 640	G1	4	{ 3 5	150 250	200	1.5 5.5	1.4 1.6	100 200	60 200	1.4 3.4		} B9
DD	ACVG	542 310 000	A1	4		200	75	5	3	200	75	3	B5	
DDT	ACVH	542 310 060	A1	4	1.5	200	75	9.3	2.7	200	75	3.3	B5	P
T	AC/VP	041 231 500	A1	4	1.5	200	100	5.7	2.5	200	100	3	B7	P
T	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
I	AC/VP1	041 231 500	A1	4	2.8	250	200	7.4	2	100	150	2	B7	P
T	AC/VP2	061 231 500	G1	4	2.8	250	100	7.4	2	100	150	2	B7	P
T	ACVP4	041 231 500	A1	4		250	100	6	3	100	100	3	B7	P
T	ACVS	542 310 000	A1	4	1.5	200	75	4.4	2	200	75	3	B5	P
DDT	ACVS4	542 310 000	A1	4	2	250	50	6	2	200	60	2	B5	P
DDDT	AC/Y	045 231 600		4	10	250	250	32	3.5	100	100	3.5	B7	P
DDT	AC/Y	642 310 000	G2	4	10	250	250	32	3.5	100	100	3.5	B5	P
P	AC/YC	045 231 600		4	10	250	250	68	7.5	100	150	7.5	B7	P
P	AC/YY	045 231 600		4	10	250	250	68	7.5	100	150	7.5	B7	P
P	AC/Z	642 310 000	G2	4	5.5	250	250	32	7.5	100	150	8	B5	P
P	AC/Z	045 231 600		4	5.5	250	250	32	7.5	100	150	8	B7	P
T	AC/ZDD	869 231 500	G1	4	5.5	250	250	32	8	100	150	8	B7	DDP
T	AD	281 300 000		6.3				30		REC		15mA	UX4	R
T	AD1	023 004 060		4	45	250		60	6	100		6	8SC	T
T	AD1/350	023 004 060		4	66	400		42		100			8SC	T
T	AD1N	023 004 060		4		300		60		100			F8	T
T	AD101	642 310 000		4	26.5	250		40	4.6	100			B5	T
T	ADG	642 310 000		20	10	200		10	3.5	100		3.5	B5	T
T	ADHF	642 310 000		20	3	200		5	3.5	100		3.5	B5	T
T	ADHP	041 231 500	A1	20		200	100	5	2.8	200	100	2.8	B7	P
P	ADL	652 310 000		20	13	200		20	3	100		3	B5	T
P	ADPN	642 350 000		20	15	250	200	22		100	150		B5	P
P	ADVHP	041 231 500	A1	20		200	100	5.5	2.5	200	100	2.5	B7	P
P	AE	265 413 000		13	13.5	100	100	8.5	1.6	100	90	1.6	UX6	P
P	AF	281 300 000		2.5				120		REC		20mA	UX4	R
P	AF2	542 310 000	A1	4	2	200	100	4.2	2.5	200	100	3.2	B5	P
P	AF3	023 110 560	G1	4	3	250	100	8	1.8	250	100	1.8	8SC	P
T	AF7	023 110 560	G1	4	2	250	100	3	2.1	250	100	2.1	8SC	P
P	AF8	026 546 310		6	2	200	50	3.5		100	60		AO8	O
P	AG	289 300 000		5				120		REC		20mA	UX4	RF
P	AG495	642 310 000		4	4	200		4	2.5	100		2.5	B5	T
P	AG4100	642 300 000		4	3	150		5	2	125		2	B4	T
P	AH1	023 145 560	G1	4	2	250	75	3	1.8	200	75	1.8	8SC	P
P	AH100	023 145 560	G1	4	2.5	200	100	5.5	1.5	100	100	1.5	8SC	P
P	AH4105	542 310 000	A1	4	2	200	125	4.5	2.3	100	100	2.3	B5	P
P	AK2	123 164 570	G1	4	{ 2 2	100 250	75 75	4.2 4.5	0.9 2.2	80 100	75 75	0.9 2	} 8SC	O
P	AL1	023 004 560		4	15	250	250	36	2.8	100	150	2.8		8SC
P	AL2	023 100 560	G1	4	25	250	250	36	2.6	100	150	2.6	8SC	P
P	AL2/375	023 100 560	G1	4	25	250	250	36	2.6	100	150	2.6	8SC	P
P	AL3	245 231 600		4	3	250	250	35	9	100	150	9	B7	P
P	AL3	023 104 560		4	6.5	250	250	36	9.5	100	150	8	8SC	P
TH	AL4	145 231 600		4	3	250	250	36		100	150	9.5	B7	P

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				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
AL4	023 104 560		4	6.5	250	250	36	9.5	100	150	8	8SC	P
AL4/375	145 231 600		4	6	250	250	34	9.5	100	150	8	B7	P
AL4/375	023 104 560		4	6	250	250	34	9.5	100	150	8	8SC	P
AL5	145 231 600		4	14	250	250	72	8.5	100	150	7	B7	P
AL5/375	023 104 560		4	14	250	275	72	8.5	100	150	6	8SC	P
AL60	041 231 500	A1	4(5)	7	250	250	72	14.5	100	150	8.5	B7	P
AL60	502 331 460		2.4	7	200	150	35	6	100	100		B8D	P
AL495	642 310 000		4	12	250		30	4	100		4	B5	T
AL860	502 331 406		4.8	7	200	150	35	6	100	100		B9A	P
AMOE	045 231 600		4	14	250	250	72	9	100	150	3	B7	P
AN4092	642 310 000	D1	4	3.5	200		6	2	100		2	B5	DT
APP4A	045 231 600		4	16.5	250	250	36	3.5	100	150	3.5	B7	P
APP4AS	023 100 560	G1	4	16.5	250	250	36	3.5	100	150	3.5	8SC	P
APP4B	045 231 600		4	5	250	250	32	10	100	150	10	B7	P
APP4BS	023 104 560		4	5	250	250	32	10	100	150	10	8SC	P
AP495	642 310 000		4	1.5	200		2.5	5	150		5	B5	T
APP4C	145 231 600		4(5)	5	250	250	36	10	100	150	10	B7	P
APP4D	145 231 600		4	16	250	250	72	7	100	150	7	B7	P
APP4E	145 231 600		4(5)	13.5	350	275	72	8.5	100	150	8.5	B7	P
APP4E	023 104 560		4(5)	13.5	350	275	72	8.5	100	150	8.5	8SC	P
APP4G	061 231 500	G1	4(5)	6	250	250	36	10	100	150	10	B7	P
APP4G	005 231 600	G1	4(5)	6	250	250	36	10	100	150	10	B7	P
APP495	642 350 000		4	23	300	200	25	2	100	100	2	B5	P
APP4100	642 310 000	G2	4	15	250	250	24	2.5	100	150	2.5	B5	P
APP4120	642 310 000	G2	4	15	350	200	22	3.5	100	100	3.5	B5	P
APV4	892 300 000		4				60		REC		20mA	B4	RR
APV4100	892 300 000		4				60		REC		20mA	B4	RR
APV4200	892 300 000		4				60		REC		20mA	B4	RR
AR495	642 310 090		4	1	100			5	100		5	B5	T
AR4100	642 310 000		4	3	200		3	2	150		2	B5	T
AR4101	642 310 000		4	1	100			3	100		3	B5	T
AS494	542 310 000	A1	4		200	100	15	1.5	100	100	1.5	B5	P
AS495	542 310 000	A1	4	2	200	100	1	3.4	200	100	3.4	B5	P
AS4100	542 310 000	A1	4	6	200	100	4	1.4	100	90	1.4	B5	P
AS4120	542 310 000	A1	4	2	200	100	3	3	150	100	3	B5	P
AS4125	542 310 000	A1	4	2	250	100	3	3	200	100	3	B4	P
AV11	200 300 000	D1	2.5						REC			UX4	R
AX	264 300 000		5	9	150		3	0.8	100		0.8	UX4	T
AX1	892 300 000		4				60		REC		20mA	B4	RR
AX50	392 300 000		4				120		REC		30mA	B4	RR
AZ1	023 080 090		4				30		REC		20mA	8SC	RR
AZ2	023 080 090		4				60		REC		20mA	8SC	RR
AZ3	023 180 090		4				60		REC		20mA	8SC	RR
AZ4	023 080 090		4(5)				60		REC		20mA	8SC	RR
AZ11	902 300 080		4				90		REC		20mA	F8	RR
AZ12	902 300 080		4(5)				60		REC		20mA	F8	RR
AZ21	288 039 920		2				30		REC		17mA	AO8	RR
AZ31	020 309 030		4				30		REC		20mA	AO3	RR
AZ32	020 809 030		4				60		REC		20mA	AO3	RR
AZ33	023 090 300		4				60		REC		20mA	AO8	RR
AZ41	*8* **9 230		4				30		REC		10mA	B8A	RR

TYPE	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		
P	AZ50	023 080 090		4(5)				120		REC		30mA	8SC	RR
P	AZ50	892 300 000		4(5)				120		REC		30mA	B4	RR
P	B2	642 300 000		2	2	150		2	1.2	100		1.2	B4	T
P	B7	642 300 000		6		150		8	0.67	100		0.67	B4	T
P	B11	642 300 000		6		200		20	1.4	100		1.4	B4	T
P	B21	447 230 600		2	3	150		5.0	1.5	100		2.1	B7	TT
P	B22	446 230 700		2		150		5		150			B7	TT
P	B23	642 300 000		2		150		4	0.75	100		0.75	B4	T
P	B24	446 230 700		2	0	150		7		100			B7	TT
P	B30	461 237 400		13	0	200		30		100			B7	TT
P	B36	471 461 230		13	8	250		9	2.6	100		2.6	AO8	TT
P	B63	264 147 300		6	5	250		6	3.1	200		3.1	UX7	TT
P	B65	471 461 230		6	8	250		9	2.6	100		2.6	AO8	TT
P	B105	264 300 000		1.4	18	150		8	1.0	100			UX4	T
P	B105	642 300 000		1.4	18	150		8	1.0	100			B4	T
T	B109	741 236 410		26	1.5	200		10	6.2	100		6	B9A	TT
T	B152	741 226 413		6	2	250		10.0	5.5	200		5	B9A	TT
P	B203	642 300 000		2	26	150		11	1.5	100		1.5	B4	T
P	B204	264 300 000		2	22.5	125		8	0.9	100		0.9	UX4	T
P	B205	642 300 000		2	18	150		7	1.2	100		1.2	B4	T
P	B205	264 300 000		2	18	150		7	1.2	100		1.2	UX4	T
P	B217	642 300 000		4.5	4.5	150		3	1.3	100		1.3	B4	T
P	B217	264 300 000		2	4.5	150		3	1.3	100		3	UX4	T
P	B228	264 300 000		2	2	150		2	1.2	100		1.2	B4	T
P	B230	446 230 700		2	1	150		5.5		150			B7	TT
RR	B240	264 473 000		2	0	150		15		No Data Available			UX6	TT
RR	B242	542 300 000	A1	2	0	200	75	4.5	1.1	100	75	1.1	B4	P
RR	B242	254 300 000	A1	2	0	200	75	4.5	1.1	100	75	1.1	UX4	P
T	B255	542 300 000	A1	2	1	150	100	1.8	1.2	150	100	1.2	B4	P
T	B255	254 300 000	A1	2	1	150	100	1.8	1.2	150	100	1.2	UX4	P
T	B262	542 300 000	A1	2	1	150	100	1.8	1.3	150	100	1.3	B4	P
T	B262	265 300 000	G1	2	1	150	100	1.8	1.3	150	100	1.3	UX4	P
P	B309	741 226 413		6	2	250		10	5.5	100	100	5	B9A	TT
P	B319	147 234 116		7.5	1.5	90		12	6	100		6	B9A	TT
P	B329	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
P	B339	741 226 413		6	2	250		1.2	1.6	150		1.6	B9A	T
P	B342	265 300 000	G1	2	2.5	150	75	4	1.3	150	75	1.3	UX4	P
R	B349	147 234 116		7	1.2	90		15	9	80		9	B9A	TT
RR	B403	642 300 000		4	30	150		15	1.5	100		1.5	B4	T
RR	B403	264 300 000		4	30	150		15	1.5	100		1.2	UX4	T
RR	B405	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
RR	B405	264 300 000		4	18	150		11	1.6	100		1.4	UX4	T
RR	B406	642 300 000		4	15	150		8	1.4	100		1.4	B4	T
RR	B406	264 300 000		4	15	150		8	1.3	100		1.3	UX4	T
RR	B409	642 300 000		4	16	250		12	2	100		2	B4	T
RR	B409	264 300 000		4	16	250		12	2	100		2	UX4	T
RR	B415	264 300 000		4	4.5	150		3	2	100		2	UX4	T
RR	B424	642 300 000		4	2.3	200		6	2.5	150		2.5	B4	T
RR	B424	264 300 000		4	2.3	200		6	2.5	150		2.5	UX4	T
RR	B424S	642 300 000		4	3	200		3	2.5	100		2.5	B4	T
RR	B425	642 300 000		4	4.5	150		3	2	100		2	B4	T
RR	B425	264 300 000		4	4.5	150		3	2	100		2	UX4	T

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				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
B435N	642 310 000	D1	4	3.5	200		6	2	100		2	B5	DT
B438	642 300 000		4	2.5	200		0.2	2	150		2	B4	T
B438	264 300 000		4	2.5	200		0.2	2	150		2	UX4	T
B438S	642 300 000		4	1.5	200		2	2	150		2	B4	T
B442	542 300 000	A1	4	1	200	100	4.5	0.9	200	100	0.9	B4	P
B442M	542 300 000	A1	4	1	200	100	4.5	0.9	100	100	0.9	B4	P
B442M	254 300 000	A1	4	1	200	100	4.5	0.9	100	100	0.9	UX4	P
B442S	542 300 000	A1	4	1	200	100	4.5	0.91	100	100	0.9	B4	P
B443	642 350 000		7	17	200	150	12	1.2	100	150	1.2	B5	P
B443	264 300 000	G2	4	17	200	150	12	1.2	100	150	1.2	UX4	P
B443S	642 350 000		4	12	250	75	12	1.6	100	60	1.6	B5	P
B443S	642 300 000	G2	4	12	250	75	12	1.6	100	60	1.6	B4	P
B443S	264 300 000	G2	4	12	250	75	12	1.6	100	60	1.6	UX4	P
B491	642 310 000		4	1.5	200		4	4	150		4	B4	T
B543	642 350 000		5	15	200	150	13	1.3	150	100	1.3	B5	P
B543	264 300 000	G2	5	15	200	150	12	1.3	150	100	1.4	UX4	P
B543	642 300 000	G2	5	15	200	150	12	1.3	150	100	1.3	B4	P
B543S	642 350 000		5	15	200	150	12	1.3	150	100	1.3	B5	P
B605	642 300 000		6	18	150		9	1.8	100		1.8	B4	T
B605	264 300 000		6	18	150		9	1.8	100	100	1.8	UX4	T
B609	642 300 000		6	18	250		12	1.8	100		1.8	B4	T
B719	741 236 410		6	2	250		10	6	250		6	B9A	TT
B729	741 236 410		6.3	7.7	200		10	3.4	100		3.5	B9A	TT
B2006	642 310 000		20	18	200		15	1.6	100		1.6	B5	T
B2033	642 310 000		20	3	200		6	2.3	100		2.3	B5	T
B2041	602 300 000	G1	20	1	100		2.5	0.1	100		0.1	B1	T
B2042	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5	P
B2043	642 310 000	G2	20	18	200	200	20	1.7	100	100	1.7	E5	P
B2044	218 004 530		20	4	200	60	0.7	2.8	100	60		AO8	P
B2044S	642 310 000	D1	20	3	200		6	1.8	100		1.8	B5	DT
B2045	542 310 000	A1	20	2	200	60	4	1	150	60	1	B5	P
B2046	542 310 000	A1	20	2	200	100	3	2.2	150	100	2.2	B5	P
B2047	542 310 000	A1	20	2	200	100	4	2	150	100	2	B5	P
B2052T	542 310 000	A1	20	2	200	100	3	2	150	100	2	B5	P
B2055	542 310 000	A1	20	1.5	200	100	3	2	100	100	2	B5	P
B2099	642 310 000		20	1.6	200		0.2	3	150		3	B5	T
BA2	446 230 700		2		150		1.5		150			B7	TT
BB1	902 310 000	D1	16						D			B5	DD
BB220A	446 230 700		2	3	150		4		100			B7	TT
BB240	446 230 700		2	6	150		2.2		100			B7	TT
BBC12	692 390 000	G1	2	4.5	150		2.5	1.5	100		1.5	B5	DDT
BCH1	465 231 700	G1	24	2	100		5	1.2	100	60	1.2	B7	TP
BF1	642 300 000		4		150	50	1.3	0.7	100	60	1.3		
BF61	261 054 130		6	7	250	250	36	10	100	150	8	B8A	P
BF62	261 054 130		6	10	250	250	26	3.2	100	150	3.2	B3A	P
BF431	261 054 130		45	9	200	175	54.5	9.5	100	100	7	B3A	P
BHP61	023 010 560	G1	2	0.5	150	125	2.5	0.7	125	125	0.7	B5C	P
BL2	652 310 000	G1	30	20	200	100	40	3	100	90	3	B5	P
BL63	027 146 310	G1	6		250		14	4.2	100		4.2	AO8	TT
BLP61	023 004 560		2		150	150	7	2.7	100	100		B5C	P
BM963	200 300 000	D1	2.5				60		REC		35mA	UX4	R
BFMO4	412 365 400		6.3	12.5	250	250	45	4.1	100	150	4	B7G	P

TYPE	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		
DT	BW3	642 350 000		2	4.5	150	125	6	2.2	100	100	2.2	B5	P
T	EW602	642 300 000		2	12	150		12	3.4	100		3.4	B4	T
T	BW1304	642 300 000		2	6	150		6	3.2	100		3.2	B4	T
P	BX2	446 230 700		2		200		2.5		100			B7	TT
P	BX604	642 300 000		2	12	150		8	1.5	100		1.5	B4	T
P	C3A	261 504 130		6.3		250	150	16	6.5	100	100		B8G	P
	C3G	261 504 130		6.3	1.8	200	150	13	14	No Data Available			AO8	P
	C3G	216 514 130		6.3	1.8	250	150	13	13.5	100	100		B8B	P
F	C3G	802 362 450		6.3	1.8	200	150	13	14	No Data Available			F8	DP
P	C3M	261 504 130		20	4.5	250	150	15.0	6.0	100	100	5.2	B8B	P
P	C9	642 300 000		4	9	150		3.5	0.9	100		0.9	B4	T
	C10B	023 100 080		20				75		REC		23mA	85C	R
T	C10B	802 310 000		20				60		REC		23mA	B5	R
P	C20C	892 310 000		13						D			B5	DD
P	C23B	809 231 600	G1	13	5	200		4	2	100		2	B7	DDT
P	C25	642 300 000		4	2.5	200		2.3	1.2	150		1.2	B4	T
	C30	261 504 130		6.3	4.5	250	150	15	6	100	100		B8E	P
T	C30B	000 231 600	G1	13	4	200		4	3.2	150		3.2	B7	T
T	C36A	645 231 740		21	1.5	100		4	2	100	60	1.2	B9	TH
TT	C36B	645 231 700	G1	29		250	75	3	2	100	75			
TT	C36C	645 231 740		29	250	150	3.4	4	2	100	60	1.2	B9	TH
T	C50B	061 231 500	G1	12	2.2	200	200	2.5	2.8	100	150	2.8	B7	P
P	C50N	061 231 500	G1	13	2	200	200	9.5	2	100	150	2	B7	P
P	C70D	023 110 560	G1	33	8.5	200	200	45	8	100	150	7	85C	P
DT	C70D	045 231 600		35	6.5	200	200	45	8	100	150	7	B7	P
P	C80B	123 154 560	G1	13	1.5	200	90	1.9		150	75		85C	C
P	C109	642 300 000		1	9	150		3.5	0.5	100		0.5	B4	T
P	C125	642 300 000		1	3	150		0.7	0.8	125		0.8	B4	T
P	C135	042 300 000	A1	1.4		150		1.5	1	100		1	B4	T
P	C142	542 300 000	A1	1	1.5	150	75	1.7	0.8	100	75	0.8	B4	P
P	C144	245 134 200	A1/A2	6.3	15	300	200	40	9	No Data Available			B7A	PP
T	C180	245 134 200	A1/A2	6.3	20	300	250	55	3.5	No Data Available			B7A	PP
TT	C243	642 350 000		2	15	150	150	17	1.5	100	100	1.5	B5	P
DD	C243N	642 350 000		2	4.5	150	125	6	3.2	150	100	2.2	B5	P
TT	C243N	264 530 000		2	4.5	150	125	6	2.2	150	100	2.2	UX5	P
IT	C405	642 300 000		4	32	250		20	1.9	100		1.9	B4	T
DDT	C405	264 300 000		4	32	250		20	1.9	100		1.9	UX4	T
TP	C408	642 300 000		4	7	150		14	2.9	100		2.9	B4	T
T	C443	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
P	C443N	642 350 000		4	42	300	200	20	1.5	100	150	1.5	B5	P
P	C443N/S	642 350 000		4	20	300	150	20	1.5	100	100	1.5	B5	P
P	C453	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
P	C508	264 300 000		5	9	150		6.2	1.7	100		1.7	UX4	T
P	C509A	642 300 000		5	10	150		10	1	100		1	B4	T
P	C543	642 350 000		4	1	100	150		2	100	150	2	B5	P
TT	C603	642 300 000		6	40	200		20	1.7	100		1.7	B4	T
P	C606	642 300 000		6	27	250		20	3.3	100		3.5	B4	T
R	C643	642 350 000		6	21	300	200	20	1.5	100	150	1.5	B5	P
P	C1134	245 135 200	A1/A2	6	17	400	200	20	2.5	No Data Available			B7A	PP

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
CB215	446 230 700		2	1	150		15	1.7	100		1.7	B7	TT
CB215S	023 064 470		2	1	150		12	1.7	100		1.7	8SC	TT
CB220	446 230 700		2	3	150		15		100			B7	TT
CBC1	023 198 060	G1	13	7	250		4	2	100		2	8SC	DDT
CBL1	023 189 560	G1	44	8.5	200	200	45	8	100	150	7	8SC	DDP
CBL6	023 198 560	G1	44	8	100	100	45	6	100	75	6	8SC	DDP
CBL31	026 985 310	G1	44	8.5	200	200	45	8	100	150	7	AO8	DDP
CC1	023 100 060	G1	13	3.7	200		2.6	2	150		2	8SC	T
CC2	023 100 060	G1	13	5.5	250		6	2.5	200		2.5	8SC	T
CC81E	641 227 413		6.3	0.6	250		10	5.5	100		5.5	B9A	TT
CC82E	641 227 413		6.3	8.5	250		10.5	2.2	100		2.5	B9A	TT
CC85E	641 227 413		6.3	9.3	250		14.5	5.2	100		6	B9A	TT
CCa	741 225 413		6.3		100		15	12	No Data Available			B9A	TT
CCH1	023 156 470	G1	20	10 2	200		2.5	2.3	100	60	2.3	3SC	TH
					200	50	2		100	60			
CCH2	023 164 570	G1	29	10 2	200		2.5	2.3	100	60	2.3	3SC	TH
					200	75	2		100	75			
CCH35	027 546 310	G1	7.5	2 2	100		5.4	2.2	100	60	2.8	AO8	TH
					250	100	5	2.4	200	100	4		
CE230	320 200 000	D1	2.5				30		REC			UX4	R
CF1	023 110 560	G1	13	2	200	100	3	2.3	100	100	2.3	8SC	P
CF2	023 110 560	G1	13	2	200	100	4.5	2.2	100	100	2.2	8SC	P
CF3	023 110 560	G1	13	2	100	75	7.5	2.1	100	75	2.1	8SC	P
CF7	023 110 560	G1	13	2	100	100	3	2.1	100	100	2.1	8SC	P
CF50	123 100 560	G1	30	2	200	100	1.5	3.3	100	100	3.3	8SC	P
CF51	123 100 560	G1	30	2	250	100	1.7	3.3	100	100		8SC	P
CF61	276 454 130		6	2 2	100		5	2.2	100	60	2.3	B9A	TH
					250	100	3	2	100	100	2.4		
CF141	276 454 130		14	2 2	100		6.4	2.2	100	60	2.8	B9A	TH
					200	90	2.7	1.5	100	75	1.5		
CH1	023 145 560	G1	13	2	250	75	3	1.8	200	75	1.8	8SC	P
CK1	023 154 560	G1	13	1.5	200	90	8	3	200	75	1.6	8SC	P
CK3	023 154 560	G1	19	15	200	100	2.5		No Data Available			8SC	O
CK108	265 113 000	G1	6.3	3	250	100	2.3	1.2	100	100		UX6	P
CK507AX	653 420 000		1.2	2	40	40	0.9	0.6	No Data Available			B5A	P
CK509AX	653 420 000		0.62		40		0.1	0.1	No Data Available			B5A	T
CK515BX	653 420 000		0.62		40		0.1	0.1	No Data Available			B5A	T
CK518AX	653 420 000		1.2	2	40		0.8	0.5	No Data Available			B5A	T
CK520AX	653 420 000		0.62	2.5	40	40	0.2	0.1	No Data Available			B5A	P
CK521AX	653 420 000		1.2	3	20	20	0.6	0.4	No Data Available			B5A	P
CK523AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available			B5A	P
CK524AX	653 420 000		1.2	1.7	20	20	0.4	0.3	No Data Available			B5A	P
CK525AX	653 420 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
CK526AX	653 420 000		1.2	1.5	20	20	0.5	0.4	No Data Available			B5A	P
CK527AX	653 420 000		1.2		20	20	0.1	0.2	No Data Available			B5A	P
CK528AX	653 420 000		1.2	1.2	40	40	0.7	0.6	No Data Available			B5A	P
CK529AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available			B5A	P
CK531DX	653 420 000		1.2	1.5	20	20	0.3	0.2	No Data Available			B5A	P
CK532DX	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
CK533AX	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
CK535AX	653 420 000		1.2	1.2	20	20	0.3	0.3	No Data Available			B5A	P
CK536AX	653 420 000		1.2		20	20	0.3	0.4	No Data Available			B5A	P
CK537AX	653 420 000		1.2	1.5	20	20	0.5	0.4	No Data Available			B5A	P

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
TT	CK539AX	653 420 000		1.2	1.4	20	20	0.2	0.3	No Data Available			B5A	P
TT	CK541DX	653 420 000		1.2		30	30	0.2	0.4	No Data Available			B5A	P
TT	CK542DX	653 420 000		1.2	2	20	2C	0.4	0.3	No Data Available			B5A	P
DDT	CK542DXS	653 420 000		1.2	2	20	20	0.4	0.3	No Data Available			B5A	P
DDP	CK544DX	653 420 000		1.2		30	30	0.1	0.3	No Data Available			B5A	P
DDP	CK545DX	653 420 000		0.6	0.6	20	20			No Data Available			B5A	P
DDP	CK546	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
T	CK547DX	653 420 000		1.2		30	30	0.2	0.4	No Data Available			B5A	P
	CK1002	008 090 010		6				30	3kΩ	No Data Available			AO8	CCR
	CK1005	008 092 030		6.3				30		REC	15mA		AO8	RR
TT	CK1006	289 300 000		2				60		REC	20mA		UX4	RR
TT	CK1007	008 092 030		1				60		REC	20mA		AO8	RR
TT	CK1012	289 300 000		2				120		REC	30mA		UX4	RR
TH	CK1024	008 090 010		6				60	3kΩ	No Data Available			AO8	CCR
TH	CK1028	202 322 300	D1	6				60		REC	20mA		B7G	R
TH	CK1091	200 800 300		1.4						D			B7G	D
	CK1216	672 344 100		6.3		100		5	3.4	100		3.4	B7G	TT
TH	CK5608	264 147 300		2.5	6	200		6	2.4	100		2.4	UX7	TT
	CK5639	412 163 510		6.3		150	100	21	9	150	100		B8D	P
R	CK5654	412 365 100		6.3	2	150	125	7.5	5	100	100		B7G	P
P	CK5655	544 231 671		6.3	2	150	125	15	5.8	100	100		B9A	PP
P	CK5670	214 607 413		6.3		150		8.5	5.5	100			B9A	TT
P	CK5672	653 420 000		1.2	6.5	60	60	3.2	0.6	No Data Available			B5A	P
P	CK5676	624 300 000		1.2	5	150		4	1.6	100		1.6	B5A	T
P	CK5677	624 300 000		1.2	5.5	150		1.9	0.8	100		1.9	B5A	T
	CK5678	652 430 000		1.2		60	60	1.8	1.1	No Data Available			B5A	P
TH	CK5687	641 221 437		6.3	2	150		36	11	No Data Available			B9A	TT
	CK5692	461 471 230		6.3	9	250		6.5	2.2	100			AO8	TT
TH	CK5693	126 447 310		6.3	6	200	7		3.2	100			B8B	TT
P	CK5694	126 447 310		6.3	6	300		7	3.2	100			AO8	TT
P	CK5697	632 400 000		0.6	3	12		0.2	0.1	No Data Available			B5A	T
P	CK5702	653 420 000		6.3		150	125	7.5	5	100	100		B7G	T
	CK5703	623 410 000		6.3		150		9	5	100		5	B5A	T
P	CK5793WA	623 410 000		6.3		150		9	5	100		5	B5A	T
T	CK5703WB	623 410 000		6.3		150		9	5	100		5	B5A	T
T	CK5704	623 100 000		6.3				5		D			B5A	D
P	CK5674WA	623 100 000		6.3		150		5		D			B5A	D
P	CK5725	412 365 100		6.3	2	150	125	5.2	3.2	100	100		B7C	P
P	CK5726	182 310 900		6.3				5		D			B7G	DD
P	CK5744	623 410 000		6.3		250		4	4	100			B5A	T
P	CK5744WA	623 410 000		6.3		250		4	4	100			B5A	T
P	CK5744WB	623 410 000		6.3		250		4	4	100			B5A	T
	CK5749	412 365 100		6.3		250	100	11	4.4	100	100	4.4	B7G	P
P	CK5751	641 227 413		6.3	3	250		1.0	1.2	100		1.2	B9A	TT
P	CK5755	614 224 173		6.3	0.9	100		0.1	0.5	100		0.5	B9A	TT
P	CK5784	652 311 400		6.3	2	150	125	5.2	3.2	100	100		B7F	P
	CK5784WA	652 311 400		6.3	2	150	125	5.2	3.2	100	100		B7F	P
	CK5784WB	652 311 400		6.3	2	150	125	5.2	3.2	100	100		B7F	P
P	CK5785	823 000 000		1.2						D				D
P	CK5814	741 226 413		6	8.5	250		10.5	2.2	100		2.2	B9A	TT
P	CK5829	812 139 100		6.3				5		D			B7F	DD
P	CK5829WA	812 139 100		6.3				5		D			B7F	DD

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		
CK5851	206 035 240		1.2	7.5	150	125	5.5	1.6	100	100		B8D	P
CK5854	652 430 000		1.2	2	40	40	0.8	0.5	No Data Available			B5A	P
CK5973	264 114 730		6.3	3	150		9	2.9	100			B8D	TT
CK5875	652 430 000		1.2		90	90	3.5	2.5	80	75		B5A	P
CK5881	026 540 310		6.3	14	150	250	75	6.1	100	100		A08	P
CK5910	255 024 300		1.4		90	90	1.6	0.9	100		0.9	B7G	P
CK5965	641 227 413		6.3		150		8.2	6.5	100			B9A	TT
CK5967	624 334 270		1.2		40		3	0.1	No Data Available			B8D	TT
CK5968	624 334 270		1.2		40		0.7	1.3	No Data Available			B8D	TT
CK5969	245 675 430		1.2	3	150	40	6	1.7	No Data Available			B3D	PP
CK5970	245 675 430		1.2		40	40	3	1.2	No Data Available			B3D	PP
CK5971	642 430 000		1.2		60		3.5	2.1	No Data Available			B5A	T
CK5972	652 430 000		1.2		60	60	2.5	1.3	No Data Available			B5A	P
CK5975	614 230 000		6.3		100		10	5.1	100		5	B5A	T
CK5995	8*2 310 000		6.3				30		REC		15mA	B5A	R
CK6005	412 365 400		6.3	12.5	250	250	45	4.1	100	150	4	B7G	P
CK6021	642 113 470		6.3		100		6.5	5.4	100		5.4	B8D	TT
CK6029	624 300 000		1.2	4	90		11	2	80		3	B5A	T
CK6050	624 300 000		1.2	5	150		4	1.6	100		2	B5A	T
CK6051	652 430 000		1.2	4	40	40	3	1.2	No Data Available			B5A	P
CK6088	653 420 000		1.2	1.2	40	40	0.7	0.6	No Data Available			B5A	P
CK6092	653 420 000		1.2	4.5	40	40	1.4	0.6	No Data Available			B5A	P
CK6100	602 364 100		6.3	8.5	250		10.5	2.2	100			B7G	T
CK6101	672 344 100		6.3		100		9	6	100		6	B7G	TT
CK6110	812 093 100		6.3						D			B7D	DD
CK6111	642 113 470		6.3		100		8.5	5	100		5	B8D	TT
CK6112	642 113 470		6.3		100		0.8	1.8	100		2	B8D	TT
CK6135	602 364 100		6.3	8.5	250		10.5	2.2	100		2.2	B7G	T
CK6147	206 035 240		1.2	7.5	150	125	5.5	1.6	100	100		B8D	P
CK6152	614 230 000		6.3		100		10	5.1	100		5	B5A	T
CK6186	412 365 100		6.3		250	150	7	5	100	100		B7G	P
CK6201	641 227 413		6.3		250		10	5.5	100			B9A	TT
CK6245	652 311 400		6.3		20	30	2.5	3.3	No Data Available			B7G	P
CK6247	442 613 060		6.3		250			2.6	100			B3D	T
CK6247WA	442 613 060		6.3		250			2.6	100			B3D	T
CK6286	624 300 000		1.2	2	60		6	2.1	No Data Available			B5A	T
CK6397	206 035 240		1.2	7.5	150	125	7.2	2	100	100		B8D	P
CK6414	741 226 413		6.3		200		8	5.5	100		6	B9A	TT
CK6418	652 430 000		1.2	1.2	20	20	0.2	0.3	No Data Available			B5A	P
CK6419	652 430 000		0.6	0.6	12	12			No Data Available			B5A	P
CK6485	412 365 100		6.3		300	150	10	9	100	100		B7G	P
CK6519	653 420 000		1.2		20	20	0.4	0.4	No Data Available			B5A	P
CK6526	652 430 000		1.2	6	100	100	6.5	1.9	100	100	2	B5A	P
CK6533	644 612 360		6.3		150		0.9	1.7	100			B8D	T
CK6533WA	644 612 360		6.3		150		0.9	1.7	100			B8D	T
CK6540	652 311 400		6.3		150		7.5	5	100			B7G	P
CK6611	642 113 470		6.3		100		8.5	5	100		5	B3D	TT
CK6612	642 113 470		6.3		100		0.8	1.8	100		0.8	B8D	TT
CK6872	652 311 400		6.3		150	125	7.7	4.1	100	100		B7G	P
CK6833	125 141 310	A1	12.6	33	300	200	70	7	No Data Available			A08	P
CK7991	346 441 430		6.3	1	100		13	13	No Data Available			B8D	T

TYPE	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		
P	CK7995	214 311 650		6.3	1.6	150	150	8	13	No Data Available			B8D	P
P	CL1	023 100 560	G1	13	14	200	200	25	2.5	100	150	2.5	8SC	P
	CL2	023 100 560	G1	24	15	100	100	50	3.8	200	75	3.8	8SC	P
TT	CL4	023 100 560	G1	33	8.5	200	200	45	8	100	150	7	8SC	P
P	CL6	023 100 560	G1	35	9.5	200	100	45	8	100	90	7	8SC	P
P	CL33	026 540 310		33	8.5	200	200	45	8	100	100	7	AO8	P
TT	CO241	026 560 300	G1	2	1	150	75	3.5	1.4	125	80	1.4	AO8	P
	CO243	026 447 300		2		150		4	1.8	100		1.8	AO8	TT
TT	CO244	026 540 300		2	2.5	150	125	4.1	1.8	125	125	1.8	AO8	P
T	CO257	021 450 300	A	2	3	100	100	6	2.5	100	100	3	AO8	P
PP	CO258	026 540 300		1.8	6	150	125	10	2	100	100		AO8	P
PP	CY1	023 100 080		20				60		REC		60mA	8SC	R
T	CY1C	803 210 000		20				60		REC		20mA	B5	R
P	CY2	123 190 080		30				60		REC		20mA	8SC	RR
T	CY21	269 001 093		25				120		REC		23mA	B9A	R
R	CY31	020 080 310		20				120		REC		60mA	AO8	R
P	CY32	029 160 310		30				60		REC		23mA	AO8	RR
TT	CZ30	028 193 210		80				60		REC		20mA	AO8	RR
T	CZ501D	265 113 000	G1	3.5	2.5	150	125	6.5	3.5	100	100	3	UX6	P
T	CZ504D	265 413 000		5.5	13.5	250	200	40	3.5	100	100		UX6	P
P	D1	123 000 000	D1	4				5		D			B3G	R
P	D1	289 300 000		5				60		REC		20mA	UX4	RR
P	D1	642 300 000		4	1	40		1	0.8	No Data Available			B4	T
T	D1C	264 230 000		1.2	5	135		2	0.6	100		0.55	5AA	T
TT	D2	642 300 000		4	6	100		2.2	0.2	100		0.2	B4	T
DD	D2C	264 230 000		1.2	7.5	135		3	1.2	100		1.1	5AA	T
TT	D2M9	192 310 900		6.3				5		D			B7G	DD
TT	D3A	141 230 615		6.3	1.2	200	150	22	36	No Data Available			B9A	P
T	D3F	141 230 615		1.2	3	150	60	1.7	0.6	100	60		B9A	P
P	D4	642 310 000		4	3	200		4	3.3	100		3	B5	T
T	D13U	023 100 000	G1	13	5	250		6	2.5	100			8SC	T
P	D41	892 310 000		4						D			B5	DD
T	D42	812 300 000		4				15		D			B4	D
P	D43	012 300 000	D1	4				15		D			B5	D
T	D61	268 154 130		6.3	2	250	125	5	1.8	100	100		B8A	DP
T	D63	028 190 310		6				2		D			AO8	DD
T	D77	192 310 800		6				5		D			B7G	DD
T	D105	264 300 000		1	18	150		8	2	150		2	UX4	T
P	D105	642 300 000		1	18	150		8	2	150		2	B4	T
TT	D110	264 300 000		4	40	250		40	2.7	100		2.7	UX4	T
P	D110	642 300 000		4	40	250		40	2.7	100		2.7	B4	T
P	D121	268 154 130		12.5	2	200	90	5	2	100	100	2	B3A	DP
P	D143	642 350 000		1	1	100	150	12	1.2	100		1.2	B5	P
P	D152	192 310 800		6						D			B7G	RR
T	D210	642 300 000		2	3	150		3.5	1.2	100		1.2	B4	T
T	D210SW	003 200 000	G1	2	4.5	150		2.4	1.3	100		1.3	B4	T
T	D243	642 350 000		2.5	27	300	200	20	2	100	100		B5	P
P	D400	892 310 000		4						D			B5	DD
TT	D401	902 310 000	D1	4				5		D			B4	DD
P	D404	364 200 000		4	40	250		40	2.7	100			UX4	T
P	D404	642 300 000		4	40	250		40	2.7	100			B4	T
P	D410	642 300 000		4	3	150		3.5	0.5	150		0.5	B4	T
T	D418	102 300 000	D1	4						D			B4	D

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
D594	023 181 910		6											
DA	000 231 600	G1	13	2.6	200		3.7	2.2	150		2.2	8SC	DD	
DA1	642 300 000		2	1	40		0.3	0.4	No Data Available			B7	T	
DA2	642 300 000		2	2.1	40		1.2	0.5	No Data Available			Sm4	T	
DA3	642 300 000		2	2.8	40		1.8	0.6	No Data Available			Sm4	T	
DA30	642 300 000		4(5)	70	300		60	3.5	100		6	B5	T	
DA42	214 300 000	A1	7.5		400			3	100			B4	T	
DA90	281 0*8 300		1.4				5		D			B7G	R	
DA101	200 800 300		1.2						D			B7G	D	
DA406	542 300 000	A1	4	2.5	150	75	3	0.8	100	75	0.8	B4	P	
DAC1	023 008 060	G1	1.4		90		0.1	0.3	80		0.3	8SC	DT	
DAC21	205 008 030	G1	1.4		100		0.7	0.4	80		0.3	AO8	DT	
DAC22	264 008 030		1.2		90		0.3	0.3	90		0.3	B3G	DT	
DAC25	264 223 230		1.2		150		0.6	0.3	125		0.3	AO8	DT	
DAC31	036 080 200	G1	1.4		90		0.4	0.3	80		0.3	AO8	DT	
DAC32	036 080 200	G1	1.4		90		0.1	0.3	90		0.3	AO8	DT	
DAF1	802 362 450		1.2		150	60	1.4		125	60		F8	DP	
DAF11	802 362 450		1.2		90	50	0.8	0.5	80	60	0.5	F8	DP	
DAF40	268 354 230		1.4		75	75	0.8	0.7	80	75	0.8	B3A	DP	
DAF41	268 354 230		1.4	1	75	75	0.8	0.7	80	75	0.8	B3A	DP	
DAF70	604 238 050		1.2		60	60	0.8	0.4	80	75		B8D	DP	
DAF91	208 564 300		1.4	1	90	90	2	0.7	80	90	0.7	B7G	DP	
DAF92	265 804 300		1.4	1	90	90	2	0.7	90	90	0.7	B7G	DP	
DAF96	2*8 564 300		1.4	1.5	60	60	0.2	0.2	80	75	0.2	B7G	DP	
DAF191	2*8 564 300		1.4		60	60	2.2	0.7	80	75		B7G	DP	
DAF961	208 564 300		1.2	0	60	60	2.2	0.7	No Data Available			B7G	DP	
DAS1	542 500 000	A	2	2.7	150	125	1.5	0.6	100	100	0.6	Sm4	P	
DB	445 230 700		25		250		40		100			B7	TT	
DB3	643 200 000		1.5	2.8	40		1.8	0.6	No Data Available			Sm4	T	
DB32	182 311 900		6.3				5		D			B7G	DD	
DBC21	206 098 030	G1	1.4	1.5	150		1.6	0.9	100		0.9	AO8	DDT	
DBC25	208 904 630		1.2	1.5	150		1.6	0.9	125		0.9	E9B	DDT	
DBC31	026 960 300	G1	1.4	1.5	150		1.6	0.9	100		0.9	AO8	DDT	
DBS1	543 200 000	A1	1.5	2.7	120	60	1.5	0.6	100	60	0.5	Sm4	P	
DC2/HLDD	809 231 600	G1	25	1	200			2	100		2	B7	DDT	
DC2P	642 310 000		35	13.5	200		17	3.7	100		3.7	B5	T	
DC2/Pen	045 231 600		35	10	250	200	30	2.5	100	100	2.5	B7	P	
DC2/Pen	642 310 000	G2	35	10	250	200	30	2.5	100	100	2.5	B5	P	
DC2SG	542 310 000	A	20	1	200	75	5.5	1.8	200	75	1.8	B5	P	
DC2SGVM	542 310 000	A1	20	2	200	60	5.8	1.5	200	60	1.5	B5	P	
DC3HL	642 310 000		25	1	90		0.3	0.4	100		0.4	B5	T	
DC11	602 302 400		1.2	2.5	90		2	1	80		1	F8	T	
DC25	200 024 030		1.2	3.5	100		1.8	0.8	100		0.8	B3B	T	
DC70	400 230 060		1.2	4.5	150		14.5	3.7	100		3.4	B5D	T	
DC80	402 230 060		1.2	3.5	150		20	3.5	100		3.5	E9A	T	
DC90	266 044 300		1.4	3	90		3	1.1	90		1.1	B7G	T	
DC93	204 036 200		1.4	5	100		10	2.4	100		2.3	B7G	T	
DC95	266 044 300		1.4	2.5	90		2.1	1	90		1	B7G	T	
DC193	2*4 *36 200		1.4	5	100		10	2.4	100		2.4	B7G	T	
DCC90	274 346 200		1.4	2.5	90		3.7	1.8	80		1.8	B7G	TT	
DCH1	207 540 630	G1	1.4		60		2.1	1.4	60	60	1.4	AO8	TH	
					150	125	1	1	100	100				

TYPE	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			
DD T T T T	DCH11	642 273 450		1.2	4	90			0.8		100	60	F8	TH	
						150	60		1		100	60			
	DCH21	207 540 630	G1	1.4		60			2.1	1.4	80	60			A08
						90	60		1		80	60			
	DCH22	276 454 030		1.2		60			1.4		80	60			
T T R D	DCH25	276 454 030		1.4	90	50		0.7		80	60	A08	TH		
					60			2	1.3	80	60	A08	TH		
	DCH31	027 546 300	G1	1.4	90	60		1		80	60	A03	TH		
					90	60		1	1.4	80	60	A06	TH		
DT DT DT DT DT	DC/HL	642 310 000		6	1	100				3	100		B5	T	
	DC/P	642 310 000		8	1	200				4.5	200		B5	T	
	DC/SG	542 310 000	A1	6		150	75			2.7	200	75	2.7	B5	P
	DD4	892 310 000		4					0.8		D			B5	DD
	DD4D	091 231 800		4					4		D			B7	DD
DT DP DP DP DP	DD6	892 310 000		6							D			B5	DD
	DD6	192 310 800		6					9		D			B7G	DD
	DD6DS	023 180 910		6					9		D			8SC	DD
	DD6G	192 310 800		6							D			B7G	DD
	DD13	892 310 000		13					5		D			B5	DD
DP DP DP DP DP	DD41	219 000 130		4					5		D			M08	RR
	DD101	219 000 130		10							D			M08	DD
	DD207	892 300 000		2							D			B4	DD
	DD465	902 310 000	D1	4							D			B5	DD
	DD620	892 310 000		6					1		D			B5	DD
DP P	DD318	892 310 000		8							D			B5	DD
	DD960	204 030 200		1.4	3	60		9	2.4	No Data Available			B7G	T	
TT T DD	DDA1	892 310 000		4							D			B5	DD
	DDD11	742 302 400		1.2	4.5	150		1.5	1.0		125		1.5	F8	TT
	DDD25	206 447 030		1.4	1.5	100		3.5	1.2		100		1.2	A08	TT
	DDL4	892 310 000		4				5			D			B5	RR
DDT DDT	DDP4B	968 231 500	G1	4	5	250	250	36	8		100	150	7	B7	DDP
	DDP4M	918 230 500	G1	4	5	250	250	36	8		100	150	7	B7	DDP
DDT T	DD/Pea	849 231 500	A	4	2.5	200	100	5	2.7		100	100	2.7	B7	DDP
	DDPP4B	860 231 500	G1	4	5	250	250	36	10		100	150	9	B7	DDP
	DDPP4BS	023 189 500	G1	4	5	250	250	36	10		100	150	9	8SC	DDP
	DDPP4M	869 231 500	G1	4 (5)	5	250	250	36	10		100	150	9	B7	DDP
P P P P T	DDPP6B	948 231 500	G1	6	6	250	250	36	9.5		100	150	9	B7	DDP
	DDPP6BS	023 189 500	G1	6	5	250	250	36	10		100	150	9	8SC	DDP
	DDPP6S	023 189 500	G1	6.3	5	250	250	36	10		100	50	9	8SC	DDP
	DDPP39	968 231 500	G1	39	8	200	200	45	8.5		100	150	8	B7	DDP
	DDPP39M	918 236 500	G1	39	8	200	200	45	8.5		100	150	8	B7	DDP
T T T T	DDPP29S	023 198 500	G1	44	8	200	200	45	8.5		100	150	8	8SC	DDP
	DDR2	256 101 403		6	5	250	250	40	12	No Data Available			B9G	P	
T T	DDR3	812 380 000		6				60		REC			B7G	R	
	DDR7	412 360 500		6	12.5	250	250	16	2.6		100	150	2.6	B7G	P
T T	DDT	908 231 600	G1	4	3	200		3.4	2.4		100		2.4	B7	DDT
	DDT2	682 390 000	G1	2	3	150		1	1.4		100		1.4	B5	DDT
T TT TH	DDT9B	682 390 000	G1	2	4.5	150		2.5	1		100		1	B5	DDT
	DDT9BS	023 039 000	G1	2	4.5	150		2.5	1		100		1	8SC	DDT
	DDT4	800 231 600	G1	4	3	150			2.5		150		2.5	B7	DDT
	DDT4(S)	908 231 600	G1	4	5	200		3	3.6		150		3.6	B7	DDT
	DDT4(S)	023 198 000	G1	4	5	250		4	3.6		250		3.6	8SC	DDT

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
DDT6	809 231 600	G1	6	5.5	250		4	2	150		2	B7	DDT
DDT6S	023 193 030	G1	6	5.5	250		5	2	150		2	8SC	DDT
DDT13	909 321 600	G1	13	4	200		5	2	150		2	B7	DDT
DDT13S	023 139 050	G1	13	5	200		4	3.6	100		3.6	8SC	DDT
DDT16	809 231 600	G1	16	3	200		5	2.5	100		2.5	B7	DDT
DDT213	309 231 600	G1	13	4	200		5	2.2	150		2.2	B7	DDT
DDT215	632 390 000	G1	2	3	150		3	1.6	100		1.6	B5	DDT
DDT220	632 390 000	G1	2.5	4.5	150		2.5	1	100		1	B5	DDT
DE1	264 130 000		2.5	21	250		5.2	1	100		1	UX5	T
DE5	280 300 000		2.5				120		REC		30mA	UX4	R
DET19	204 140 300	A1/A2	6		300		25	2.1	100			UX7	TT
DET20	020 000 310	A1/G1	6	5.5	250		12	3	100		3	AO8	T
DF1	032 000 560	G1	1.4		90	90	1.2	0.7	80	90	0.7	8SC	P
DF11	602 302 450		1.2		90	50	0.9	0.6	80	60	0.6	F8	P
DF16	654 230 000		0.6		20	20	0.3	0.3	No Data Available			B5A	P
DF21	206 501 030	G1	1.4		90	90	1.2	0.7	80	90	0.7	AO8	P
DF22	206 501 030	G1	1.4	1.5	90	90	1.4	1.1	80	90	1.1	AO8	P
DF23	265 114 130		1.2	1.5	90	60	0.6	0.6	80	60	0.6	AO8	P
DF25	265 114 130		1.2	0.5	150	60	1	0.6	125	60	0.6	AO3	P
DF26	265 114 130		1.2	1.1	150	90	1.2	0.3	125	90	0.3	AO8	P
DF31	026 510 300	G1	1.4		90	90	1.2	0.6	80	90	0.6	AO8	P
DF32	026 510 300	G1	1.4	1.5	90	90	1.4	1.1	80	90	1.2	AO8	P
DF33	036 500 200	G1	1.4	0.5	90	90	0.8	0.7	80	90		AO8	P
DF51	542 300 000	A1	1.5		40	12	1.1	0.1	No Data Available			SM4	P
DF60	652 430 000		1.2	2	60	60	0.5	0.8	No Data Available			B5A	P
DF61	652 430 000		1.2	1	60	60	0.9	0.8	No Data Available			B5A	P
DF62	652 430 000		1.2	1	90	90	7.4	2	80	75		B5A	P
DF63	652 430 000		1.2	2.5	90	90	1.2	0.4	80	80	0.6	B5A	P
DF70	*4* 23* 650		0.6		40	40	0.4	0.2	No Data Available			B8D	P
DF72	*40 230 650		1.2	0	60	60	1.7	1	No Data Available			B8D	P
DF73	*40 230 650		1.2		90	75	1.7	0.8	80	75	0.8	B8D	P
DF91	265 024 300		1.4	0	90	75	3.5	0.9	80	60	0.9	B7G	P
DF92	265 024 300		1.4	2	90	60	1.9	0.7	80	60	0.7	B7G	P
DF95	265 024 300		1.4	1	90	75	3.7	1	80	60	1	B7G	P
DF96	265 *24 300		1.4	0.8	75	75	1.4	0.6	80	75	0.7	B7G	P
DF97	265 224 300		1.4		60	60	1.7	0.8	80	75	0.8	B7G	P
DF161	026 510 300	G1	0.7		20	20	0.3	0.8	No Data Available			AO8	P
DF167	653 420 000		0.6		20	20	0.1		No Data Available			B5A	P
DF191	265 *24 300		1.4		60	60	4.2	1	No Data Available			B7G	P
DF663	652 430 000		1.2	1.6	90	90	5.7	2.3	80	90		B5A	P
DF669	652 430 000		1.2	0	60	60	1.8	1.1	No Data Available			B5A	P
DF904	265 *24 300		1.4	0	90	90	1.6	0.9	90	90	0.9	B7G	P
DF906	265 3*4 300		1.4	0	40	40	3	1.7	No Data Available			B7G	P
DF961	265 024 300		1.2	0	60	60	3.4	0.8	No Data Available			B7G	P
DFF50	246 557 430		1.4	1.1	20	20	2.2	1.2	No Data Available			AO3	PP
DFF51	246 557 430		1.4	0	20	20	2.1	0.7	No Data Available			AO3	PP
DFF101	634 572 400		1.4		40	40	1	0.2	No Data Available			B7G	PP
DG210	642 350 000		2	1.5	100	20	1	1	No Data Available			B5	P
DH	642 310 000		16	3	200		6	3.7	100		3.7	B5	T
DH30	908 231 600	G1	13	2	200		2.8	4.5	150		4.5	B7	DDT
DH42	908 231 600	G1	4	3	250		1.1	1.2	150		1.2	B7	DDT
DH63	026 890 310	G1	6	3	250		1.1	1.2	150		1.2	AO8	DDT

TYPE	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		
DDT	DH73	026 890 310	G1	6	3	250		4.5	2	250		2	AO3	DDT
DDT	DH74	026 890 310	G1	13	3	250		1.1	1.2	100		1.2	AO3	DDT
DDT	DH76	026 890 310	G1	13	3	250		1.1	1.2	150		1.2	AO3	DDT
DDT	DH77	412 389 600		6	3	250		1	1.2	150		1.2	B7G	DDT
DDT	DH81	264 *98 130		6	3	250		1	4.2	150		1.2	B2B	DDT
DDT	DH101	264 *98 130		19	3	250		1	1.2	150		1.2	B5E	DDT
DDT	DH107	412 389 600		19	3	250		1	1.2	150		1.2	B7G	DDT
DDT	DH109	*91 238 146		28	2.3	200		1	1.4	100		1.4	B9A	DDDT
T	DH118	264 088 130		13	1	100		0.8	1.4	100		1.4	B8A	DDT
R	DH119	641 236 09*		13	0.7	100		0.8	1.4	100		1.4	B9A	DDT
TT	DH142	264 098 130		14	1.6	200		1.5	1.6	100		1.4	B8A	DDT
T	DH147	026 890 310	G1	6	5.5	250		5	2	200		2	AO3	DDT
P	DH149	264 192 130		6	1	250		1.3	1	250		1	B8A	DDT
P	DH150	264 098 130		6	3	250		10	1.3	150		1.3	B8A	DDT
P	DH718	264 089 130		6.3	3	250		1	1.3	100		1.4	B8A	DDT
P	DH719	981 23+ 146		6	3	250		1	1.3	100		1.3	B9A	DDDT
P	DHD	908 231 600	G1	16	3.2	200		3.2	2.2	200		2.2	B7	DDT
P	DHL	642 310 000		16	1.5	150		3.8	4.5	100		4.5	B5	T
P	DK1	023 064 560	G1	1.4		90	50	1.8	0.5	80	60	0.5	8SC	H
P	DK21	206 540 630	G1	1.4	2	60	60	4.5	1.4	80	60	1.4	AO8	H
P	DK31	027 546 300	G1	1.4	1	75	60			80	60		AO3	TH
P	DK32	036 546 200	G1	1.4	1	150	90			125	90		AO3	H
P	DK40	265 454 030		1.4	2	75	75	0.9	0.7	80	75		B8A	C
P	DK91	266 424 300		1.4	4	75		4.5	1.2	80		1.4	B7G	H
P	DK92	266 464 300		1.4	4	60		4	1.2	80		1.2	B7G	H
P	DK96	265 401 300		1.4	1.5	75	50	1	0.4	80	60	0.4	B7G	H
P	DK192	265 454 300		1.4		60	60			No Data Available			B7G	H
P	DL	642 310 000		16	8	200		25	4.5	100		4.5	B5	T
P	DL1	023 004 560		1.4	3	90	90	4	1.2	80	75	1.2	8SC	P
P	DL2	032 004 560		1.4	7.5	90	90	7.5	1.5	80	75	1.5	8SC	P
P	DL11	602 302 450		1.2	4.4	90	90	3.7	1	80	90	1	F8	P
P	DL21	206 540 030		1.4	3	90	90	4	1.3	80	90	1.3	AO8	P
P	DL22	265 004 330		1.2	4	150	125	5	1.6	100	100	1.6	AO3	P
P	DL25	265 204 330		1.2	4.7	150	125	4.5	2.1	100	100	2.1	AO8	P
P	DL29	265 004 320		1.4	4.5	90	90	9.5	2.4	80	90	2.4	B3G	P
P	DL31	036 540 200		1.4	3	90	90	4	1.2	80	75	1.2	AO8	P
P	DL33	036 540 320		1.4	4.5	90	90	9.5	2.2	80	75	2.2	AO8	P
P	DL35	036 540 200		1.4	7.5	90	90	7.5	1.5	80	75	1.5	AO3	P
P	DL36	036 540 200		1.4	4.5	90	90	9.5	2.2	90	90	2.2	AO3	P
P	DL41	36* 054 220		1.4	5.8	150	125	5	1.3	80	90	1.3	B3A	P
P	DL63	026 890 310	G1	6	3	250		4.2	1.6	100		1.6	AO3	DDT
P	DL64	652 430 000		1.2	1.5	20	20	0.2	0.2	No Data Available			B5A	P
P	DL65	365 420 000		1.2	0.2	20	20	0.5	0.4	No Data Available			B5A	P
P	DL66	653 420 000		1.2	1.4	20	20	0.3	0.3	No Data Available			B5A	P
PP	DL67	653 420 000		1.2	0.2	20	20	0.5	0.4	No Data Available			B5A	P
PP	DL68	653 420 000		1.2	2.2	20	20	0.6	0.4	No Data Available			B5A	P
PP	DL69	652 430 000		1.2	2.5	90	90	1.7	0.8	80	75	0.8	B5A	P
P	DL70	*4* 23* 650		1.2	7.5	150	90	7.5	1.9	150	90	1	B8D	P
T	DL71	*4* 23* 650		1.2	1.2	40	40	0.6	0.5	No Data Available			B3D	P
DDT	DL72	*4* 23* 650		1.2	4.5	40	40	1.2	0.5	No Data Available			B3D	P
DDT	DL73	*40 230 650		1.2	9	100	100	15	2.5	100	100	3.8	B3D	P
DDT	DL74	026 890 310	G1	13	3	250		5.1	1.6	100		1.6	AO3	DDT

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
DL75	*40 230 650		1.2	2.5	90	90	1.7	0.8	90	90	0.9	B8D	P
DL82	264 *93 130		6	3	250		5	1.4	150		1.4	B8B	DDT
DL91	264 526 300		1.4	7	90	75	7.4	1.6	80	60	1.5	B7G	P
DL92	264 536 200		1.4	7	90	75	7.4	1.6	80	75	1.6	B7G	P
DL93	365 426 300		1.4	8.4	150	90	13.3	1.9	100	75	1.9	B7G	P
DL94	365 024 300		1.4	4.5	90	90	9.5	2.1	80	75	2.1	B7G	P
DL95	264 536 200		1.4	4.5	90	90	9.5	2.1	80	75	2.1	B7G	P
DL96	265 034 200		1.4	5.2	90	90	5	1.4	80	60	1.4	B7G	P
DL98	524 332 600		1.25	10	150	125	30	2.2	100	100	2	B7G	P
DL101	036 540 210		1.4		100	100	10	2.5	100	100		B8A	P
DL145	264 098 130		15	5.9	250		5	2.3	150		2.3	B8A	DDT
DL161	654 230 000		1.4		20	20	0.5	0.5	No Data Available			B5A	P
DL167	653 420 000		1.2		20	20	0.5	1.5	No Data Available			B5A	P
DL192	264 536 200		1.4	7	60	60	7	1.5	No Data Available			B7G	P
DL193	265 436 200		1.4	7.5	100	60	9.5	2.9	150	60	2.9	B7G	P
DL620	653 420 000		1.2	6.5	60	60	3.1	0.6	80	75	0.6	B5A	P
DL650	653 420 000		1.2	0	20	20	0.4	0.4	No Data Available			B5A	P
DL651	653 420 000		1.2	0	20	20	0.4	0.4	No Data Available			B5A	P
DL307	365 004 200		1.4	5.5	150	125	15	3.1	125	125	3.1	B7G	P
DL662	264 536 200		1.4	7	60	60	7	1.5	No Data Available			B7G	P
DL963	265 436 200		1.2	7.5	150	60	10	2.2	100	60		B7G	P
DLL21	246 547 330		1.4	8.7	150	125	1		100	100		AO3	PP
DLL25	046 547 230		1.4	9.4	150	125	17		125	125		B8G	PP
DLL31	326 417 250		1.4	5	90	90	3		80	75		AO3	PP
DLL101	264 574 360		1.4	7	90	60	8.2	1.1	80	60	1.2	B7G	PP
DLL102	264 574 300		1.4		40	40	1.3	0.5	80	60		B7G	PP
DLP51	023 004 560	C	4	17	250	250	36	2.5	100	100		8SC	P
DN41	963 231 500	G1	4	3.3	250	200	32	10	100	150	9	B7	DDP
DN143	264 533 130		6	6.2	250	275	44	9.5	100	150	9	B3B	DDP
DO24	642 300 000		4	40	400		63	7.5	100		6.0	B4	T
DO25	642 300 000		6	75	300		60	3.7	100		3.7	B4	T
DO26	642 300 000		4	92	400		63	3.8	100		3.8	B4	T
DO30	642 300 000		4	100	400		60	6.9	100		6	B4	T
DO42	918 236 500	G1	4	6	250	250	36	9.5	100	150	8	B7	DDP
DP	264 008 030		16	7.5	200		25	6	100		6	AO3	DT
DP5	642 350 000		4	5	250	250	10	4	100	150	4	B5	P
DP7	023 004 560		4	20	250	250	20	2.5	100	150	2.5	8SC	P
DP61	412 365 100		6	8.5	200	125	7.7	5.1	150	150	4	B7G	P
DP495/6	869 231 500	G1	4	6.5	250	250	35	9.5	100	150		B7	DDP
DP4480	819 236 500	G1	44	8.4	200	200	46	8	100	100	7	B7	DDP
DP/Pen	045 231 600		16	10	200	200	31	3.5	100	100	3.5	B7	P
DPT	045 213 600		16	10	200	200	40	3.1	100	150	3.1	B7	P
DPT	642 310 000	G2	16	10	200	200	40	3	100	150	3	B5	P
DS	512 310 000	A1	16	1.5	200	75	2.1	1.1	200	75	1.1	B5	P
DS	000 231 600	G1	13	3	200		4	2.5	250		2.5	B7	T
DS8	542 310 000	A1	16	1	150	90	3.4	3.2	150	90	3.2	B5	P
DS/Pen	051 231 500	G1	16	1.5	200	100	4	2.3	200	100	2.3	B7	P
DT7	642 300 000		4	16	200		14	2	100		2	B1	T
DT41	809 321 600	G1	4	1	100			3	100		3	B7	DDT
DT215	023 089 060	G1	2	4.5	150		2.5	1	100		1	8SC	DDT
DT215	682 300 000	G1	2	4.5	150		2.5	1.5	100		1.5	B5	DDT

TYPE	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		
P	DT436	809 231 600	G1	4	7	250		4	3.6	100		2	B7	DDT
	DT436	023 198 050	G1	4	7	250		4	2	100		2	8SC	DDT
DDT	DT1336	023 198 050	G1	13	5	200		4	2	100		2	8SC	DDT
P	DTV1	809 231 600	G1	13	1	100			3	100		3	B7	DDT
P	DU1	802 300 000		4				30		REC		15mA	B4	R
P	DU2	892 300 000		4				30		REC		15mA	B4	RR
P	DU3	892 300 000		4				15		REC		10mA	B4	RR
P	DU4	892 300 000		4				30		REC		15mA	B4	RR
P	DU5	892 300 000		4				30		REC		15mA	B4	RR
P	DU10	802 300 000		4				60		REC		25mA	B4	R
	DVSG	542 310 000	A1	16	1	200	75	7.5	2.5	100	75	2.5	B5	P
DDT	DVS/Pen	542 310 000	A1	16	1.5	200	100	6.5	1	200	100	3	B5	P
P	DW1	892 300 000		4				15		REC		10mA	B4	RR
P	DW2	892 300 000		4				30		REC		20mA	B4	RR
P	DW2X	892 300 000		4				30		REC		20mA	B4	RR
P	DW3	892 300 000		4				60		REC		20mA	B4	RR
P	DW3	892 300 000		4				60		REC		20mA	B4	RR
P	DW4/350	892 300 000		4				60		REC		20mA	B4	RR
P	DW4/500	892 300 000		4				60		REC		20mA	B4	RR
P	DW5	802 300 000		4				120		REC		30mA	B4	R
P	DW7X	892 300 000		4				30		REC		15mA	B4	RR
P	DW8	892 300 000		5				30		REC		15mA	B4	RR
PP	DW15	892 300 000		7.5				30		REC		15mA	B4	RR
PP	DW30	892 300 000		7.5				60		REC		20mA	B4	RR
PP	DW802	642 300 000		4	25	250		26	4	100		4	B5	T
PP	DW1508	642 310 000		4	7.5	150		4	1.5	100		1.5	B5	T
PP	DW4011	642 310 000		4	5	200		5	3.6	150		3.6	B5	T
P	DW4023	642 310 000		4	3	150		2.5	1.7	100		1.7	B5	T
DDP	DX2	642 300 000		2	3	150		3.5	1.4	100		1.4	B4	T
DDP	DY30	*2* 0*0 3*0	D1	1.2				2		D			AO8	D
T	DY51	230 000 000	D1	1.4				13		D			B3G	D
T	DY70	230 000 000	D1	1.2				1.8		D			B3G	D
T	DY80	23* 232 *32	D1	1.2				7		D			B9A	D
T	DY86	23* 232 *32	D1	1.4				0.5		D			B9A	D
DDP	DY87	23* 232 *32	D1	1.4				0.5		D			B9A	D
DT	DY604	642 300 000		4	15	150		8	1.3	100		1.3	B4	T
P	DY802	120 131 021	A	1.4				50		REC		20mA	B9A	R
P	DZ2	542 300 000	A1	4	1	200	100	4	0.7	100	100	4	B4	P
P	E	642 300 000		4	9	200		1.7	0.4	100		0.4	B4	T
DDP	E	264 300 000		3	22.5	125		6.5		125			UX4	T
DDP	E1C	216 489 130		6.3	5	200		4.5	2	100		2	AO8	DDT
P	E1F	216 054 300		6.3	3	250	100	2	1.4	100	100		B7	P
P	E2e	065 014 023		18	3.5	220	220	42	10.5	100	100	9.6	B9	P
P	E4	642 300 000		4	16	200		12	1.8	100			B4	T
P	E4D	892 300 000		4				30		REC		15mA	B4	RR
T	E4F	892 300 000		4				60		REC		20mA	B4	RR
P	E4H	802 300 000		4				125		REC		30mA	B4	R
P	E4K	003 200 000	D1	4				60		REC		20mA	B5	R
T	E4L	003 200 000	D1	4				120		REC		30mA	B5	R
DDT	E20V	023 100 000		20				60		REC		20mA	8SC	R
DDT	E55L	615 231 141		6.3		150	150	50	45	No Data Available			B3D	P
DDT	E80CC	611 337 412		6.3	5.5	250		6	2.8	100		2.5	B9A	TT

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
E80CF	645 237 114		6.3	{ 2 2	100 200	175	14 10	5 6.2	100 100	60 100	6	B9A	TP
E80F	501 236 014		6.3	1.6	250	100	3	1.8	150	100	1.8	B9A	P
E80L	041 230 651		6.3	4.5	200	200	30	9	100	100		B9A	P
E81CC	641 227 413		6.3		250		10	5.5	100		5.5	B9A	TT
E81L	041 230 651		6.3	3	200	200	20	11	100	100		B9A	P
E82CC	641 227 413		6.3	8.5	250		10.5	2.2	100			B9A	TT
E83CC	641 227 413		6.3	2	250		1.2	1.6	100		1.6	B9A	TT
E83F	541 236 **1		6.3	2	200	125	10	9	100	125	12	B9A	P
E84L	*41 23* 6*5		6.3		250	250	48	11	No Data Available			B9A	P
E86C	641 234 146		6.3	2	200		12	14	No Data Available			B9A	T
E87L	041 230 651		6	6	250	150	36	10	100	100		B9A	P
E88C	414 234 464		6.3	1.2	150		12.5	13.5	No Data Available			B9A	T
E88CC	641 237 410		6.3	1.2	90		15	12.5	100		13	B9A	TT
E88CC/01	741 236 410		6.3	1.2	100		15	12.5	No Data Available			B9A	TT
E90CC	672 344 100		6.3	2.1	100		8.5	6	100		8.5	B7G	TT
E90F	412 365 100		6.3	1.2	250	150	7.4	4.6	100	100		B7G	P
E91AA	182 310 900		6.3				9		D			B7G	D
E91H	412 365 100		6.3	5	150	75	0.5	0.6	125	75	0.6	B7G	H
E92CC	672 344 100		6.3	1.7	150		8.5	6	100		6	B7G	TT
E95F	412 365 100		6.3	2	150	125	7.5	5.5	100	100		B7G	P
E99F	412 365 100		6.3	20	250	100	9.2	3.8	100	100		B9A	P
E130L	*2* 54* 310	A1	6.3	15.5	250	150	100	27	100	100		AO8	P
E135	365 304 220		12.6	25	400		80		100			AO8	P
E180CC	641 227 413		6.3	1.9	150		8.5	6.3	100		7.8	B9A	TT
E180F	141 23* 615		6	2	200	150	13	16.5	No Data Available			B9A	P
E181CC	641 227 413		6.3	3	150		8.5	4.7	100		5.6	B9A	TT
E182CC	741 221 436		6.3	2	150		36	15	No Data Available			B9A	TT
E184	141 230 651		6.3	2.5	200	200	10	15	No Data Available			B9A	P
E186F	141 23* 615		6.3	1.4	200	150	11.5	16	No Data Available			B9A	P
E188CC	641 327 410		6.3	1.4	90		12	11.5	No Data Available			B9A	TT
E220B	446 230 700		2	1	150		3	2.5	100		2.5	B7	TT
E235	642 300 000		2	7.5	150		13	3	100		3	B4	T
E235L	*26 54* 310		6.3	8.2	100	100	100	14	No Data Available			AO8	P
E236L	*2* 54* 310	A1	6.3	9.2	100	100	100	14	No Data Available			AO8	P
E280F	141 23* 615		6.3	1.8	200	150	20	26	No Data Available			B9A	P
E282F	141 23* 615		6.3		150	150	35	26	No Data Available			B9A	P
E283CC	146 231 074		6.3	2	250		1.2	1.6	100			B9A	TT
E288CC	741 236 410		6.3	1.5	100		30	18	No Data Available			B9A	TT
E405	642 300 000		4	32	250		20	2	100		2	B4	T
E406	642 300 000		4	34	250		8	2.3	100		2.3	B4	T
E406N	642 300 000		4	34	250		8	2.3	100		2.3	B4	T
E408	642 300 000		4	30	400		26	2	100		2	B4	T
E408N	642 300 000		4	36	400		30	2.7	100		2	B4	T
E409	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
E409N	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
E410	642 300 000		4	28	400		30	6	100		6	B4	T
E414	642 310 000		4	6	150		6.5	2	100		2	B5	T
E414	642 300 000		4	15	150		8	1.3	100		1.3	B4	T
E415	642 310 000		4	8	200		6	1.4	100		1.4	B5	T
E415	264 130 000		4	8	200		6	1.4	100		1.4	UX5	T

SE	TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER			BASE	TYPE
						Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
	TP	E420	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
		E422	642 300 000		4	16	250		12	5	100		5	B4	T
	P	E424	642 310 000		4	2.5	200		6	2.4	100		2.4	B5	T
		E424N	642 310 000		4	3.5	200		6	2.4	100		2.4	B5	T
		E424R	612 300 000	G1	4	5	200		6	1.6	100		1.6	B4	T
	P	E425	642 310 000		4	4.5	150		3	3	100		1	B5	T
	TT	E428	642 310 000		4	3	200		6	2.4	100		2.4	B5	T
	P	E430	642 310 000		4	3	150		4	2	100		2	B5	T
	TT	E430N	642 310 000		4	15	200		15	3	100		3	B5	T
	TT	E435	642 310 000		4	1.5	200		3	1	100		3	B5	T
	P	E438	642 310 000		4	3	200		2.5	1.5	100		1.5	B5	T
	P	E438M	642 310 000		4	3	200		2.5	1.5	100		1.5	B5	T
	P	E441	642 310 000	G2	4		100	100	1.7	1.0	100	100		B5	P
	P	E441N	642 300 000	G2	4		100	00	1.7	1	100		1	B5	P
	T	E442	542 310 000	A1	4	1.3	200	60	1.5	0.9	100	60	0.9	B5	P
	TT	E442S	542 310 000	A1	4	2	200	60	4	1	100	60	1	B5	P
	TT	E443H	642 350 000		4	40	400	200	30	1.9	100	100	1.9	B5	P
	TT	E444	258 413 000	A1	4	3	200	90	4	3	100	90	3	UX6	DP
	P	E444N	258 413 000	A1	4	3	100	90	4	3	100	90	3	UX6	DP
	D	E444S	642 310 000	D1	4	3.5	200		6	2	100		2	B5	DT
	H	E445	542 310 000	A1	4	2	200	100	6	1	100	100	1	B5	P
	TT	E445M	542 310 000	A1	4	2	200	100	6	1	100	100		B5	P
	P	E446	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P
	P	E447	542 310 000	A1	4	2	200	125	4.5	2.3	100	100	2.3	B5	P
	P	E443	164 552 300	G1	4	1.5	200	125	3	0.6	100	100		C7	P
	P	E449	165 452 300	G1	4	2	200	75	3	1.8	100	75	1.8	C7	P
	TT	E451	642 350 000		4		400	250	17		100	150	2.4	B4	P
	P	E452T	542 310 000	A1	4	2	200	100	3	2	100	100	2	B5	P
	TT	E452T	254 130 000	A1	4	2	200	100	3	2	100	100	2	UX5	P
	TT	E453	045 231 600		4	15	250	250	24	2.5	100	150	2.5	B7	P
	P	E454	216 809 300	G1	4	3.5	200		3.5	1.6	100		1.6	UX7	DDT
	P	E455	542 310 000	A1	4	1.5	200	100	3	2	100	100	2	B5	P
	TT	E455	254 130 000	A1	4	1.5	200	100	3	2	100	100	2	UX5	P
		E462	542 310 000	A1	4	2	200	100	3	2	100	100	2	B5	P
	P	E463	045 231 600		4	22	250	250	36	2.7	100	150	2.7	B7	P
	P	E499	642 310 000		4	1.6	200		0.2	4	150		4	D5	T
	P	E501D	265 113 000	G1	3.5	2.5	250	125	6.5	3.5	100	100		UX6	P
	P	E501R	265 113 000	G1	6.3	2.5	250	125	6.5	3.5	100	100		UX6	P
	TT	E504D	265 413 000		5	13.5	250	200	40	3.5	100	100		UX6	P
	T	E504P	265 423 000		6.3	13.3	250	200	40	3.5	100	100		UX6	P
	T	E543	045 231 600		4	15	250	250	24	2.5	100	150	2.5	B7	P
	T	E646	020 080 310		26				120		REC		30mA	AO8	R
	T	E703	642 300 000		7.5	100	400		30	1	100		1	B5	T
	T	E810F	141 235 615		6.3	1.9	150	150	35	50	No Data Available			B9A	P
	T	E851	030 903 020		5				120		REC		30mA	AO8	RR
	T	E1137	366 446 622		6	2.3	250		32	16	No Data Available			B9G	T
	T	E1148	020 000 310	A1/G1	6	5.5	250		14	3	100		3	AO8	T
	T	E1192	021 450 310	A1	6	11	250	150	30	3.5	100	100	3.5	AO8	P
	T	E1242	265 511 403		6	30	300	250	25	1.9	100	150		B9G	P
	T	E1323	020 000 310	A1/G1	6	3	100		25	6.7	100		6	AO8	T
	T	E1413	265 024 300		1.4	1	90	75	3.5	0.9	80	75	0.9	B7G	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
E1478	642 300 000		4	1	100			6.9	100		6	B5	T
E1484	208 564 300		1.4	1	90	90	2.7	0.6	80	90	0.6	B7G	DP
E1489	241 657 143		6		350	250	21	3.9	100	100	3.9	B9G	PP
E1517	412 361 500		6	2.5	200	200	8	2.5	100	100	2.5	B7G	P
E1518	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	P
E1606	461 471 230		6	8	250		9	2.6	100		2.6	AO8	TT
E1624	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
E1654	026 510 310	G1	6	1.5	200	200	10.9	8.5	100	150	8	AO8	P
E1662	412 360 500		6	12	250	250	20	2.6	100	150	2.6	B7G	P
E1677	002 300 000	D1	2				15		REC		10mA	B4	R
E1678	026 510 310	G1	13	3	250	100	7.6	1.5	100	100	1.5	B7G	P
E1681	026 540 310		15	13	200	175	35	2.5	100	100	2.5	AO8	P
E1682	020 800 310		30				120		REC		30mA	AO8	R
E1706	256 051 463		6	8	250	175	80	13	100	100	10	B9G	P
E1709	064 471 230		6	2	250		2	1.3	150		1.3	AO8	TT
E1733	009 **8 230		6				60		REC		20mA	B8B	RR
E1736	265 004 130		6	4.4	250	250	40	10.5	100	150	10	B8B	P
E1740	209 008 130		6				30		REC		15mA	B8B	RR
E1751	192 310 800		6				5		D			B7G	RR
E1780	009 **8 230		4				30		REC		15mA	B8B	RR
E1787C	316 541 120		6	9	250	175	50	8	100	100	8	B9G	P
E1794	263 104 130		19	3	250	75	2.5	2.8	100	60	2.8	B8B	P
E1795	280 008 130		50				120		REC		30mA	B8B	R
E1796	265 004 130		80	9.5	200	175	70	10	100	100	9	B8B	P
E1809	265 104 130		6	2	250	100	8	2.8	100	100	2.8	B8B	P
E1813	264 198 130		19	3	250		1	1.2	100		1.2	B8B	DDT
E1816	364 526 300		1.4	7	90	75	7.4	1.5	80	60	1.5	B7G	P
E1835	005 231 600	G1	13	4.4	250	250	40	10.5	100	150	9	B7	P
E1838	264 198 130		6	3	250		1	1.2	100		1.2	B8B	DDT
E1848	264 *98 130		6	2	200		10	1.4	100		1.4	B8B	DDT
E1861	041 230 651		6.3		200	200	19	10	No Data Available			B9A	P
E1884	002 300 000	D1	2				5		D			B4	R
E1912	412 389 600		6	3	250		1	1.2	100		1.2	B7G	DDT
E1935	241 657 143		6	26	250	200	30	3.9	100	100	3.9	B9G	PP
E1938	802 309 100		6				30		REC		15mA	B7G	RR
E1969	542 376 400		6	{ 2	100		5	2.2	100	60	2.8	B7G	TH
E1976	412 361 500		19	{ 1	250	75	5.3	2.2	250	75			
E1984	412 36* 500		6	2.5	200	200	8	2.5	100	150	2.5	B7G	P
E1985	412 36* 500		6	5.5	250	250	30	10	100	150	9	B7G	P
E1985	281 008 300		40				60		REC		20mA	B7G	R
E1987	412 36* 500		40	8	200	150	50	10	100	100	9	B7G	P
E1994	471 461 230		13	8	250			2.6	100		2.6	AO8	TT
E2004	*2* 0*0 3*0	D1	1.2				5		D			AO8	R
E2020N	642 310 000		20	18	200		15	1.5	100		1.6	B5	T
E2047	412 361 500		12.5	2.5	200	200	8	2.5	200	200	2.5	B7G	P
E2122	902 308 100		6				30		REC		15mA	B7G	RR
E2128	241 657 143		19	16.5	250	150	30	3.9	100	100	3.9	B9G	PP
E2134	412 36* 500		6		200	200	55	9.5	100	100	7	B7G	P
E2153	412 36* 500		13	8	200	150	50	10	100	100	9	B7G	P
E2178	**1 23* **8		20				120		REC		40mA	B9A	R
E2179	*41 23* *51	A1	20	12	150	150	50	8.5	100	100	7	B9A	P
E2185	026 040 310		6	R	250		9	2.6	100		2.6	AO8	L

TYPE	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		
T	E2223	*** 23* **8		25				120			REC	30mA	B9A	R
DP	E2256	**1 23* **8		20				120			REC	40mA	B9A	R
PP	E2382	021 *4* 350	A1	52		150	150	100	16		No Data Available		AO8	P
P	E2754	602 441 443		6.3	1.5	150		25	25		No Data Available		B9A	T
P	E2965	241 756 143		6.3	18	300	200	40	2.7		No Data Available		B9G	PP
TT	E7002	*** 23* ***	D	1.4				60			REC	20mA	B9A	R
T	E7003	*** 23* ***	D1	6.3							D		B9A	D
P	E7004	182 310 900		6.3				5			D		B7G	DD
	E7005	801 23* 9**		6.3							D		B9A	DD
	E7006	801 23* 9**		6.3				30			REC	15mA	B9A	RR
P	E7007	*** 23* **8	C	17				120			REC	40mA	B9A	R
P	E7010	**1 23* **8		55				120			REC	40mA	B9A	R
R	E7011	**1 23* **8		38				180			REC	50mA	B9A	R
P	E7013	602 304 100		6.3	2	250		20	5.5	100		5.5	B7G	T
TT	E7014	602 304 100		9.4	2	250		10	5.5	100		5	B7G	T
RR	E7015	641 227 413		6.3		100		11	3	100		3	B9A	TT
P	E7017	641 227 413		6.3	1	100		0.5	1.2	100		1.2	B9A	TT
RR	E7019	146 234 117		6.3	1.5	90		12	6	100		6	B9A	TT
RR	E7020	641 237 410		6.3	2.3	250		10	5.9	100		5	B9A	TT
RR	E7022	641 237 410		7	1.2	90		15	12.5	No Data Available			B9A	TT
P	E7023	146 234 117		7	1.5	100		12	6	100		6	B9A	TT
P	E7024	641 237 410		9	2.1	200		10	5.8	100		6	B9A	TT
R	E7025	641 237 410		26	2.1	200		10	5.8	100		6	B9A	TT
P	E7026	141 230 651		6.3	2	150	150	10	7.4	100	100		B9A	P
P	E7027	501 236 014		6.3	2	250	150	3	2.5	100	100		B9A	P
DDT	E7032	126 540 310		6.3	100	250	250	100	11	100	100		AO8	P
	E7033	*41 23* *51	A1	6.3	38.5	250	250	32	4.6	100	100		AO8	P
P	E7034	541 231 600		6.3		200	200	36	10	100	100		B9A	P
DDT														
DDT														
P	E7040	020 540 310	A1	25	21	150	150	100	11	No Data Available			AO8	P
	E7041	*41 23* *51	A1	21.5	24	150	150	45	6.5	100	100		B9A	P
	E7043	541 231 600		15	2.3	150	150	38	10	No Data Available			B9A	P
	E7044	*41 23* 6*5		16	6	200	200	34	10	No Data Available			B9A	P
PP	E7051	645 237 114		6.3	{ 1	150		18	8.5	100	60	8	B9A	TP
RR					{ 1	150	100	10	5.2	100	100			
TH	E7053	414 237 516		6.3	{ 22.5	100		3.5	2.2	100	60	2	B9A	TP
P					{ 250	250		28	5	100	100			
P	E7055	414 237 516		16	{ 100	150		3.5	2.2	100	60	2	B9A	TP
					{ 11.5	150	150	41	7.5	100	100			
R	E7056	645 237 114		9.5	{ 1	150		18	8.5	100	60	8	B9A	TP
P					{ 1	150	100	10	5.2	100	100			
TT	E7059	414 237 516		50	{ 100			3.5	2.2	100	60	2.2	B9A	TP
R	E7060	266 044 300		1.4	{ 200	200		35	6.8	100	100			
T					{ 2.5	90		2.1	1	80		1	B7G	T
	E7062	265 024 300		1.4		90	90	1.6	0.8	80	90		B7G	P
P	E7066	200 564 300		1.4		90	90	1.1	0.4	80	90	0.4	B7G	P
RR	E7074	641 234 146		6.3	1.5	150		12	14	No Data Available			B9A	T
PP	E7075	641 234 146		3.8	1.5	150		12	14	No Data Available			B9A	T
P	E7078	041 230 651		6.3	2	250	100	9	4.4	100	100		B9A	P
	E7079	041 230 651		12.6	1	150	100	12	4.4	100	100		B9A	P
R	E7081	020 540 310	A1	6.3	21	150	150	100	11	No Data Available			AO8	P
P					{ 1.7	200		3	4	100	60	4	B9A	TP
L	E7087	461 237 145		15	{ 2.1	150	150	18	11	100	100			

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
E7088	461 237 145		6.3	{ 1.7 2.1	200		3	4	100	60	4	} B9A	TP
E7108	501 236 014		6.3		2	250	150	3	2	100	100		
E7109	141 230 615		6.3	1.1	200	150	13	16.5	No Data Available			B9A	P
E7110	141 230 651		6.3	3.5	250	250	10	6.8	100	100		B9A	P
E7143	412 314 600		3.1	1	200		11.5	6.7	100		6	B7G	T
E7144	614 237 410		6.3	1.2	90		15	12.5	No Data Available			B9A	TT
E7145	501 236 014		6.3	2	50	50	1.8		No Data Available			B9A	P
EA40	200 800 130		6				5		D			B8A	R
EA50	123 000 000	D1	6						D		6	B3G	D
EA53	541 231 600		6.3	5.5	250	250	36	10.5	No Data Available			B9A	P
EA76	281 380 000		6				5		D			B5B	R
EA111	023 010 000	D1	6.3				60		REC		20mA	F8	R
EA962	200 100 300	D1	6.3						D			B7G	D
EAA11	812 300 190		6.3				5		D			F8	RR
EAA91	182 311 900		6.3				5		D			B7G	DD
EAA171	122 813 390		6.3		200		10		D			B8B	DD
EAA901	182 310 900		6.3				10		D			B7G	DD
EAA901S	182 310 900		6.3				10		D			B7G	DD
EAB1	023 110 890		6				0.8		D			8SC	DDD
EABC80	191 238 146		6	3	250		1	1.2	100		1.3	B9A	DDDT
EAC91	812 314 600		6	3.2	200		7.4	2.8	100		2.8	B7G	DT
EAF21	265 814 130		6.3	2	250	100	6	2.8	100	100		B8G	DP
EAF41	268 154 130		6	4	250	100	5	1.8	100	100	1.8	B8A	DP
EAF42	268 154 130		6	2	250	100	5	1.8	100	100	1.8	B8A	DP
EAF801	541 236 081		6.3	2	250	200	9	3.8	100	100		B9A	DP
EB4	023 130 910		6				0.8		D			8SC	DD
EB11	802 301 190		6				9		D			F8	DD
EB34	029 180 310		6				5		D			AO8	DD
EB40	208 090 130		6				40		D			B8A	DD
EB41	201 908 130		6				5		D			B8A	RR
EB91	192e310 800		6				9		D			B7G	DD
EB111	023 004 060		4	50	250		60	5.2	100			F8	T
EBC1	023 198 060	G1	6	7	250		4	2	100		2	8SC	DDT
EBC3	023 189 060	G1	6	5.5	250		5	2	100		2	8SC	DDT
EBC11	892 301 460		6	8	250		5	2.2	100		2	F8	DDT
EBC21	264 *89 130		6	5.5	250		5	2	100		2	B8B	DDT
EBC30	023 189 060	G1	6	4.3	200		4	2	150		2	8SC	DDT
EBC33	026 890 310	G1	6	5.5	250		5	2	100		2	AO8	DDT
EBC41	264 089 130		6	3	250		1	1.3	100		1.2	B8A	DDT
EBC51	389 060 420		6.3	7.3	250		70	4	100		4	B9G	DDT
EBC80	641 238 090		6.3	3	250		1	1.2	100		1.2	B9A	DDT
EBC81	641 238 09*		6	3	250		1	1.2	100		1.2	B9A	DDT
EBC90	412 389 600		6	3	250		1	1.2	100		1.2	B7G	DDT
EB91	412 389 600		6	2	250		1.2	1.6	100		1.6	B7G	DDT
EBF1	023 189 560	G1	6	3	250	125	9	1.1	100	100	1.1	8SC	DDP
EBF2	023 189 560	G1	6	2	250	100	5	1.8	100	150	1.8	8SC	DDP
EBF2G	206 589 130	G1	6.3	2	250	100	5	1.8	100	100	1.8	AO8	DDP
EBF11	892 361 450		6	2	250	100	5	1.8	100	100	1.8	F8	DDP
EBF15	982 361 450		6	2	260	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	AO8	DDP

SE	TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
						Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
TP		EBF35	216 589 130	G1	6	2	250	100	5	1.8	100	100	1.8	AO8	DDP
		EBF60	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP
P		EBF81	541 236 891		6	2	250	75	6.7	1.1	100	100		B9A	DDP
P		EBF83	541 236 891		6.3		12	12	0.4	1	No Data Available			B9A	DDP
P		EBF89	541 236 891		6.3	2	250	100	9	3.8	100	100		B9A	DDP
T		EBF171	892 541 360		6.3	3.2	250	80	6	1.8	100	80		B8B	DDP
TT		EBL1	023 189 560	G1	6	6	250	250	36	9.5	100	150	9	8SC	DDP
P		EBL21	264 598 130		6	6	250	250	36	9	100	150	9	B8B	DDP
R		EBL31	026 835 310	G1	6	6	250	250	36	9.5	100	150	9	AO8	DDP
		EBL71	264 589 130		6	5	250	250	44	9.5	250	200	9.5	AO8	DDP
		EC2	023 100 060	G1	6	5.5	250	6	6	2.5	100		1.5	8SC	T
R		EC21	206 401 003		6	4	250		5	2.7	100		2.5	B9G	T
R		EC31	026 040 310		6	16	250		20	3.2	100		3.2	AO8	T
D		EC40	244 644 130		6	1.5	300		15	12	100		9	B9A	T
RR		EC41	206 040 130		6	5.5	300		20	4.5	125		4	B8A	T
DD		EC52	241 600 003		6	2.6	250		10	6.5	100		6.5	B9G	T
DD		EC53	123 000 000	A1/G1	6	3.3	200		7.5	2.9	100		2.9	B3G	T
DD		EC54	244 644 413		6	1.5	250		10	9	100		7	B9G	T
		EC56	*21 0*0 310	A1/G1	6.3	1.8	200		30	15	No Data Available			AO8	T
DDD		EC57	*21 0*0 310	A1/G1	6.3	1.8	200		30	15	No Data Available			AO8	T
DDDT															
DT		EC70	462 603 160		6	2	100		13	5.5	100		5.5	B8D	T
DP		EC71	402 013 060		6.3	1.25	100		8.5	5.8	100		5.8	B8D	T
DP		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
DP		EC84	414 464 234		6.3	1.1	150		16	10	100		10	B9A	T
DP		EC86	641 234 146		6.3	1.5	75		12	14	No Data Available			B9A	T
DD		EC86C	641 234 146		6.3	1.5	200		12	14	No Data Available			B9A	T
DD		EC88	414 234 464		6	1.2	150		12.5	14	No Data Available			B9A	T
DD		EC90	6*2 364 100		6	8.5	250		10.5	2.2	100		3.3	B7G	T
DD		EC91	412 314 600		6	2	250		6	8.5	200		8	B7G	T
RR		EC92	602 304 100		6	2	250		10	5	100		5	B7G	T
DD		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
JT		EC95	142 361 100		6.3	1.2	200		10	10.5	No Data Available			B7G	T
JDT		EC96	412 314 600		6.3	1	200		11.5	6.7	100		5	B7G	T
DDT		EC97	142 356 100		6.3	1	150		11	13	No Data Available			B7G	T
DDT		EC98	412 344 600		6.3	1.3	150		13.5	13.5	No Data Available			B7G	T
DDT		EC157	*21 0*0 310	A1/G1	6.3	2	200		44	22	No Data Available			AO8	T
DDT		EC158	*21 0*0 310	A1/G1	6.3	4	200		68	15	No Data Available			AO8	T
DDT		EC760	462 603 160		6.3	2.4	150		13	6.5	100			B8D	T
DDT		EC806S	641 234 146		6.3		200		12	14	No Data Available			B9A	T
DDT		EC900	412 360 100		6.3	1	150		11.5	14.5	No Data Available			B7G	T
DDT		EC903	642 314 600		6.3	4	100		16	8	100			B7G	T
DDT		EC1000	102 *13 060	G1	6.3	2	80		14	14.5	No Data Available			B8D	T
DDT		EC1030	444 123 460		6.3		100		7	16	No Data Available			B8D	T
DDP		EC1031	444 123 460		6.3		100		7	16	No Data Available			B8D	T
DDP		EC8010	414 234 464		6.3		200		25	28	No Data Available			B9A	T
DDP		EC8020	414 234 464		6.3	2.4	200		40	60	No Data Available			B9A	T
DDP		ECC31	027 446 310		6	4.6	250		6	2.3	100		2.3	AO8	TT
DDP		ECC32	461 471 230		6	4.6	250		6	2.3	100		2.3	AO8	TT
DDP		ECC33	461 471 230		6	4	250		9	3.8	100		3.6	AO8	TT
DDP		ECC34	461 471 230		6	16	250		10	2.2	100		2.2	AO8	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		
ECC33	461 471 230		6	2.5	250		2.3	2	100		2	AO8	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	4.5	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
ØECC91	672 344 100		6	0.8 3	100		8.5	5.3	100		5.3	B7G	TT
					150		5	4.5	100		5.3		
ECC180	641 237 410		6.3	2	150		9	6.4	100		6.3	B9A	TT
ECC186	641 227 413		6.3	8.5	250		10.5	10.5	100		3.1	B9A	TT
ECC189	641 327 410		6.3	1.4	90		15	12.5	No Data Available			B9A	TT
ECC230	461 471 230		6	30	100		100	6.5	No Data Available			AO8	TT
ECC282	641 227 413		6.3	2	100		11.8	3.1	100		3.1	B9A	TT
ECC801	641 227 413		6.3	2	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	014 227 143		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
					100		25	20	No Data Available				
					100		25	20	No Data Available				
ECF1	023 164 570	G1	6.3	3 2	150		8	2.2	150	60	2.6	B8C	TP
					250	100	5	2.5	100	100	2.5		
ECF12	642 371 450		6	2 2	100		11	3	100	60	3	F8	TP
					250	100	5	2	100	100	2		
ECF80	645 237 114		6	2 3	100		14	5	100	60	5	B9A	TP
					250	200	7	5.5	150	150	5		
ECF82	645 237 114		6	1 1	150		18	8.5	100	60	7	B9A	TP
					250	100	10	5.2	100	100	5		
ECF83	146 237 514		6.3	3.7 60	60		6.5	3.6	80	60		B9A	TP
					60	50	3	1.3	80	60			
ECF86	141 234 675		6	3 1.2	100		14	5.5	100	60	6	B9A	TP
					200	150	10	12	100	100			
ECF801	141 236 574		6.3	3 1.2	100		15	8.5	100	60		B9A	TP
					150	100	10	10	100	100			
ECF802	141 237 584		6.3	2 1	200		3.5	3.5	100	60	3	B9A	TP
					100	100	6	5.5	100	100	5		
ECF804	645 237 115		6.3	1.5 2	150		13.5	7.2	100	60	7	B9A	TP
					150	150	7	11	100	100			
ECF805	657 231 414		6.3	3 1.5	100		14	5.5	100		6	B9A	TP
					100	100	10	11	100	100			

SE	TYPE	VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
						Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
TT		ECF8070	141 237 564		6.3	{ 3	100		14	5.5	100	60	6	} B9A	TP
TT						{ 1.2	200	150	10	12	No Data Available				
TT		ECH2	023 164 570	G1	6	{ 1	100		9.5	5.5	100	60	5	} 85C	TH
						{ 2.5	250	100	3.2		200	100	3		
TT		ECH3	023 164 570	G1	6	{ 2	100		5	2.4	100	60	2.8	} 85C	TH
TT						{ 2	250	100	4.6	2.5	200	100	2.5		
TT		ECH3G	027 546 310	G	6	{ 2	100		5	1.4	100	60	2.8	} AO8	TH
TT						{ 2	250	100	4.8	2.5	100	100			
TT		ECH4	123 614 570	G1	6	{ 2	100		6.3	2.7	100	60	2.2	} 85C	TH
TT						{ 2	250	100	6.5	2.6	100	150	2.6		
TT		ECH4G	127 546 310	G	6.3	{ 2	100		6.3	2.7	100	60	2.2	} AO8	TH
TT						{ 2	250	200	6.5	2.6	100	150	2.6		
TT		ECH11	642 371 450		6	{ 2	100		5	2.4	100	60	2.8	} F8	TH
						{ 2	250	100	4.7	2.5	200	100	2.5		
TT		ECH21	276 454 130		6	{ 2	100		6.2	2.4	100	60	3.2	} B8B	TH
						{ 2	250	90	5.3	2.2	100	90	2.2		
TT		ECH33	027 546 310	G1	6	{ 2	100		5	2.4	100	60	2.8	} AO8	TH
TT						{ 2	200	100	3	2.8	100	100			
TT		ECH35	027 546 310	G1	6	{ 2	100		5.4	2.2	100	60	2.8	} AOC	TH
TT						{ 2	250	100	5	2.4	100	100	1.2		
TT		ECH41	276 454 130		6	{ 2	100		5	2.2	100	60	2.2	} B8A	TH
TT						{ 2	250	100	3	2	100	100	2.4		
TT		ECH42	276 454 130		6	{ 2	100		5	2.2	100	60	2.8	} B8A	TH
TT						{ 2	250	100	8	2	100	100	3.2		
TT		ECH43	276 454 130		6	{ 2	100		5	2.2	100	60	2.2	} B8A	TH
TT						{ 2	250	100	8	2	100	100	2		
TT		ECH71	276 454 431		6	{ 2	250		2		100	60		} B8B	TH
TT						{ 2	250	100	3	0.7	100	100			
TT		ECH80	541 23* 674		6.3	{ 2	75		5		100	60		} B9A	TH
TT						{ 2	250	75	3	0.75	100	80			
TT		ECH81	541 237 164		6	{ 3	100		5	2.3	100	60	2.3	} B9A	TH
						{ 2	250	100	6.5	2.4	150	100	2.4		
TT		ECH83	541 237 564		6	{ 0.25	12		0.7	1.4	No Data Available			} B9A	TH
						{ 0.5	12	12	0.4	0.7					
TP		ECH84	441 237 564		6	{ 0	50		3.0	3.7	No Data Available			} B9A	TP
						{ 0	150	14	1.7	2.2					
TP		ECH113	276 454 130		6	{ 2	100		4.8		100	60		} B8A	TH
						{ 2	250	90	3		100	100			
TP		ECH171	642 544 371		6	{ 2	250		3		100	60		} B8B	TH
						{ 2	250	75	2	0.7	100	60			
TP		ECH8000	541 237 464		6.3	{ 1.5	100		11	4.2	100	60	4.2	} B9A	TH
						{ 1.5	250	100	9	5	100	60			
TP		ECL11	452 371 460		6	{ 2.5	250		2	2	100	60	2	} F8	TP
						{ 6	250	250	36	9	100	150	7		
TP		ECL80	641 237 154		6	{ 2.3	100		4	1.4	100	60	1.4	} B9A	TP
						{ 8	200	200	17.5	3.3	100	150	3		
TP		ECL81	451 237 614		6	{ 1.9	150		1.3	1.6	100	60	1.2	} B9A	TH
						{ 5.5	250	250	36	8.7	100	100			
TP		ECL82	414 237 516		6.3	{ 1	200		3.7	2.4	100	60	2.5	} B9A	TP
						{ 16	200	200	35	6.4	100	100	6		
TP		ECL83	641 237 154		6.3	{ 1.5	200		1.6	2.5	100	60	2.5	} B9A	TP
						{ 9.5	200	175	30	5.5	100	100	5		
TP		ECL84	461 237 145		6	{ 1.7	200		3	4	100	60	4	} B9A	TP
						{ 2.0	175	175	18	10.4	100	100			
TP		ECL85	641 237 514		6	{ 0.8	100		5	6.5	100	60	6.5	} B9A	TP
						{ 15	200	175	41	7.5	100	100			

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
ECL86	415 237 146		6	1.9 7	250		1.2	1.6	100	60	1.6	B9A	TP
ECL113	267 454 130		6		1 3.5	250 250	250	35 25	10 8.5	100 100	60 150		
ECLL800	647 234 115		6.3	9.0 9.0	100		4	0.05	100	60		B9A	TPP
ED111	266 104 430		6.3		5	200	250	26	6.0	100	100		
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	*41 251 650		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
EEL171	542 654 371		6.3	12 2	250	250	40	9	100	100		B8B	PP
EEL171	216 000 300	G1	6.3		100	50	3		100	60			
EEL171	036 080 200		6.3	2	100	50	2		100	60		AO8	DT
EFP1	023 180 560	G1	6.3	2.5	250	150	8	17	No Data Available			8SC	DP
EFP71	023 110 560	G1	6	3	250	100	8	2.2	100	100		8SC	P
EF1	023 110 560	G1	6	2	250	100	3	2.3	100	100	2.3	8SC	P
EF2	023 110 560	G1	6	2	250	100	4.5	2.2	100	100	2.2	8SC	P
EF2S	023 110 560	G1	6.3	2	250	100	5	1.8	100	100		8SC	P
EF3	023 110 560	G1	6	2.5	250	100	8	1.8	100	100	1.8	8SC	P
EF5	023 110 560	G1	6	3	250	100	8	1.7	100	100	1.7	8SC	P
EF6	023 110 560	G1	6	2	250	100	3	2	100	100	2	8SC	P
EF6N	023 110 560	G1	6.3	2	250	100	3	2.1	100	100	2	8SC	P
EF7	023 110 560	G1	6	1.5	250	100	3	2.1	100	100	2.1	8SC	P
EF8	023 111 560	G1	6	2.5	250	250	8	1.8	100	150	1.8	8SC	P
EF9	023 110 560	G1	6	2.5	250	100	6	2.2	100	100	2.2	8SC	P
EF9N	023 110 560	G1	6.3	2.5	250	100	6	2.2	100	100	2.2	8SC	P
EF11	602 301 450		6	2	250	100	6	2.2	100	100	2	F8	P
EF12	602 301 450		6	2	250	100	3	2.1	100	100	2	F8	P
EF12spec.	602 301 450		6.3	2	250	100	3	1.7	100	100	1.5	F8	P
EF13	612 301 450		6	2	250	100	4.5	2.3	100	100	2	F8	P
EF14	612 350 140		6	4.5	200	200	12	7	100	150	6	F8	P
EF15	612 301 450		6	2	250	100	12	5.5	100	100	5	F8	P
EF22	265 104 130		6	2.5	250	100	6	2.2	100	100	2.2	B8B	P
EF25	023 110 560	G1	6	2	250	100	5	1.8	100	100	1.8	8SC	P
EF36	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	AO8	P
EF37	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	AO8	P
EF37A	026 510 310	G1	6	2	250	100	3	1.8	100	100	1.8	AO8	P
EF38	126 510 310	G1	6	2.5	250	250	8	1.8	100	150	1.8	AO8	P
EF39	026 510 310	G1	6	2.5	250	100	6	2.2	100	100	2.2	AO8	P
EF40	26* 145 130		6	2	250	150	3	1.8	100	150	1.8	B8A	P
EF41	261 154 130		6	2.5	250	100	6	2.2	100	100	2.2	B8A	P
EF42	260 154 130		6	2	250	250	10	9.5	100	150	8	B8A	P
EF43	260 154 130		6	2	250	150	15	6.4	100	150	6	B8A	P
EF44	260 145 130		6.3	2	250	150	3	1.8	100	150	1.8	B8A	P
EF50	256 101 403		6	1.5	250	250	10	6.5	100	150	6	B9G	P
EF51	261 154 130		6	2	250	250	14	9.5	100	150	9	B8B	P
EF52	261 154 130		6	2	250	250	10	10	100	150	8	B8G	P
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

E	TYPE	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		
	TP	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
	TP	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
	TPP	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
	T	EF80	141 230 651		6	2	200	175	10	7.2	100	100	6	B9A	P
	TT	EF81	541 236 000		6.3	2.5	250	125	6	2.2	100	100		B9A	P
	TT														
	DP	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
	P	EF85	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
	P	EF86	501 236 014		6	2	250	150	3	2.3	100	100	1.8	B9A	P
	PP	EF87	501 236 014		6.3	2	250	100	3.3	1.9	100	100		B9A	P
	PP	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
	T	EF89F	041 230 651		6.3	20	250	100	11	4.4	100	100	5	B9A	P
	DT	EF91	412 361 500		6	2	250	250	10	7.6	100	150	5	B7G	P
	DP	EF92	412 361 500		6	2.5	250	200	8	2.5	100	150	2.5	B7G	P
	P	EF93	412 365 100		6	1	250	100	11.6	4.5	150	100	4	B7G	P
	P														
	P	EF94	412 365 100		6	1	250	150	10.6	5.2	100	150	5.2	B7G	P
	P	EF95	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
	P	EF96	412 365 100		6	1.5	250	150	6.5	5	100	100	5	B7G	P
	P	EF97	412 365 100		6.3	0.7	12	12			No Data Available			B7G	P
	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
	P	EF172	112 540 360		6.3	2	250	100	5	3	100	100		B8A	P
	P	EF174	112 540 360		6.3	3.5	200	200	12	9	100	100		B8A	P
	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	
	P	EF186	641 230 651		6.3	0.5	200	50			100	60		B9A	P
	P	EF190	412 365 100		6.3	2	200	150	8.5	6.2	100	100		B7G	P
	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
	P	EF731	412 163 510		6.3	1.1	100	100	7.2	4.5	100	100	4.5	B8D	P
	P	EF732	412 163 510		6.3	1.5	100	100	7.5	5	100	100	5	B8D	P
	P	EF734	412 163 510		6.3	1.5	100	100	7.5	5	100	100	5	B8D	P
	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	141 230 650		6.3	1.5	200	90	11.5	12.5	No Data Available		B9A	DP	
		EF812	141 230 651		6.3	1.6	150	150	10	9.2	100	100		B9A	P
		EF814	141 230 651		6.3	1.9	150	150	10	15	100	100		B9A	P
		EF860	141 230 651		6.3		250	250	10	6.8	100	100		B9A	P
		EF881	141 230 615		6.3	1.1	200	150	13	16.5	No Data Available		B9A	P	
		EF886	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	

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		
EF8200	141 235 615		6.3		200	150	22	35	No Data Available			B9A	P
EFF50	265 414 573		6	2	250	200	6	8	100	150	7	B9G	PP
EFF51	265 414 573		6	2	250	200	6	8	100	150	7	B9G	PP
EFM1	023 114 560		6	2	250	100	1.3		No Data Available			8SC	TP
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				120		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	0	150	80	1	1.1	100	90		B7G	H
EH900S	412 365 100		6.3	10	150	75	0.2		100	60		B7G	H
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	250	75	2.7	1.8	100	60	2.1	AO8	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	AO8	O
EK90	412 365 100		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	No Data Available			8SC	P
EL3N	023 104 560		6.3	6	250	250	36	9	100	150	8	8SC	P
EL3NG	023 104 560		6.3	6	250	250	36	9	100	100		8SC	P
EL3NG	026 540 310		6.3	6	250	250	36	9	100	150	8	AO8	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	AO8	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	F8	P
EL11N	602 301 450		6.3	6	250	250	36	9	100	150	7	F8	P
EL12	602 301 450		6	7	250	250	72	15	No Data Available			F8	P
EL12/325	602 301 450		6.3	7	250	250	72	18	No Data Available			F8	P
EL12/375	602 301 450		6.3	7	400	250	72	15	No Data Available			F8	P
EL12spec.	502 301 400	A1	6.3	19	400	350	42	10	No Data Available			F8	P
EL13	602 310 450		6.3	7.5	250	250	20	5.5	100	150	5	F8	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		AO8	P
EL31	120 540 310	A1	6	9	300	275	91	14	100	150	10	AO8	P
EL32	026 500 310	G1	6	18	250	250	32	2.8	100	150	2.8	AO8	P
EL33	026 540 310		6	6	250	250	36	9	100	150	8	AO8	P
EL33A	026 540 310		6.3	6	250	250	36	9	100	100		AO8	P
EL34	126 540 310		6	13.5	250	250	75	11	100	100	8	AO8	P
EL35	026 540 310		6	15.5	250	250	72	5	100	150	5	AO8	P

TYPE	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		
P	EL36	*2* 54* 310	A1	6	8.2	100	100	77	11	100	150	10	AO8	P
PP	EL36	026 540 310		6.3	4	250	250	72	14.5	100	150	10	AO8	P
PP	EL37	026 540 310		6	13.5	250	250	100	11	100	150	10	AO8	P
PP	EL38	120 540 310	A1	6	7	250	250	89	14.3	100	150	10	AO8	P
TP	EL38N	120 540 310	A1	6	7	250	250	89	14.3	100	150	10	AO8	P
P	EL39	020 541 310	A1	6	3.2	200	125	45	6.5	100	100		AO8	P
P	EL41	26* *54 130		6	7	250	250	36	10	100	150	8	B8A	P
P	EL42	261 054 130		6	10.8	225	225	26	3.2	100	150	3.2	B8A	P
P	EL43	250 154 130		6	3	250	250	36	10	100	150	8	B8A	P
P	EL44	200 154 130	A1	6	22.5	250	250	20	5	100	150	5	B8A	P
P	EL50	023 114 500	A1	6	14	250	275	72	8.5	100	150	8	8SC	P
P	EL51	023 104 500	A1	6		400	300	44	7	100	150	7	8SC	P
P	EL53	023 104 560		6	7.7	400	250	24	8	100	150	7	8SC	P
P	EL54	023 140 560		6	12.2	300	300	55	13	No Data Available			8SC	P
P	EL60	216 005 413		6	14.5	250	250	67	9	100	100	8	B9G	P
P	EL70	412 163 510		6	9	100	100	31	2.2	100	90	2.2	B8D	P
P	EL71	412 163 510		6.3	8.5	100	100	30	4	100	100		B8D	P
P	EL80	541 230 600		6.3	6.5	250	250	36	10	100	150	9	B9A	P
P	EL81	*41 23* *51	A1	6	38.5	250	250	32	4.6	100	100	2.2	B9A	P
P	EL81P	*41 23* *51	A1	6.3	38.5	250	250	32	4.6	100	100	2.2	B9A	P
P	EL82	*41 23* 6*5		6.3	10.4	200	200	54	9	100	100		B9A	P
P	EL83	541 23* 600		6	5.5	250	250	36	10	100	150	9	B9A	P
P	EL84	*41 23* 6*5		6	7.3	250	250	48	11.3	100	150	10	B9A	P
P	EL85	441 231 615		6	10.8	250	225	26	3.2	100	150	3.2	B9A	P
P	EL86	*41 23* 6*5		6.3	12.5	200	175	70	10	100	100		B9A	P
P	EL86F	*41 23* 6*5		6.3		200	200	70	10	No Data Available			B9A	P
P	EL88	041 230 651		6.3	4.5	200	200	33	9.7	100	100		B9A	P
P	EL89	041 230 651		6.3	6	250	250	38	10.5	100	100		B9A	P
P	EL90	412 365 400		6	12.5	250	250	45	4.1	100	150	4	B7G	P
P	EL91	412 360 500		6	13.8	250	250	16	2.6	100	150	2.6	B7G	P
P	EL95	412 365 400		6.3	9	250	250	24	5	100	100		B7G	P
P	EL131	126 54* 310		6.3	12	250	250	100	11	No Data Available			AO8	P
P	EL150	602 301 450		6.3	7	350	250	95	6.5	No Data Available			F8	P
P	EL152	612 541 300		6.3	33	400	250	50	4	100	100		B7G	P
P	EL171	102 541 360		6.3	12	250	250	40	9	No Data Available			B8A	P
P	EL172	102 541 360		6.3	7	250	250	72	15	No Data Available			B8A	P
P	EL180	141 223 651		6.3	2	250	150	25	12	100	100		B9A	P
P	EL183	141 226 513		6.3	2.1	200	200	40	25	No Data Available			B9A	P
P	EL300	521 441 350	A1	6.3	22.5	200	150	100	10	No Data Available			B8A	P
P	EL360	*2* 540 310	A1	6.3	7.7	100	100	100	14	No Data Available			AO8	P
P	EL500	441 235 51*	A1	6.3	20	150	150	70	10	No Data Available			B9A	P
P	EL503	514 231 406		6.3	13.2	250	250	100	23	100	100	16	B9D	P
P	EL506	541 234 5*6		6.3	10	300	300	60	10.2	No Data Available			B9D	P
P	EL803	541 231 600		6.3	3.5	200	200	36	10	100	100		B9A	P
P	EL803S	541 321 600		6.3		200	200	32	10	No Data Available			B9A	P
P	EL804	041 230 005	A1	6.3	12	200	175	70	10	100	100		B9A	P
P	EL820	*41 23* *51	A1	6	38.5	250	250	32	4.6	100	150	4	B9A	P
P	EL821	*41 23* 651		6	4.5	250	250	40	11	100	150	10	B9A	P
P	EL822	*41 23* 651		6	2.5	250	150	40	13	100	100	10	B9A	P
P	EL861	041 230 651		6.3		200	200	20	11	No Data Available			B9A	P
P	EL863	541 231 600		6.3	5.5	250	250	36	11	No Data Available			B9A	P
P	EL3010	231 145 210	A1	6.3		350	100	100	60	No Data Available			AO8	P

VALVE	SELECTOR SWITCH No.	T.C.	Vt	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
EL5070	*15 231 141	A1	6.3	3	125	125	50	45	No Data Available			B9D	P
EL8000	141 235 615		6.3		250	250	48	50	No Data Available			B9A	P
ELL1	423 174 560		6	20	250	250	15	1.7	100	150	1.3	85C	PP
ELL80	546 234 175		6.3	9.0	250	250	24	6.0	100	100		B9A	PP
ELP71	023 104 560		6	7	250	250	36	9	100	150		85C	P
ELP72	023 100 560	G1	6	17	250	250	36	2.5	100	150		85C	P
ELP73	023 100 560	G1	6	17	250	250	36	2.5	100	150		85C	P
EMG1	452 361 100		6.3	4.5	20	20	7	4	No Data Available			B7G	P
EQ30	541 236 114		6	1	250	20	0.9	0.7	No Data Available			B9A	N
ER4	002 300 000	D1	4				3		D			B4	D
EW60	280 000 103		6				120		REC		30mA	B9G	R
EY51	023 000 000	D1	6				3		D		B3G	D	
EY70	082 813 080		6				30		REC		17mA	B8D	R
EY80	**1 23* **8		6				120		REC		40mA	B9A	R
EY81	*** 23* **8	C	6.3				120		REC		40mA	B9A	R
EY82	**1 23* **8		6.3				180		REC		50mA	B9A	R
EY83	*** 23* **8	C	6.3						D			B9A	D
EY84	**1 23* **8	D1	6				120		REC		30mA	B9A	R
EY86	23* 232 *32	D1	6				0.8		D			B9A	D
EY87	23* 232 *32	D1	6.3				0.8		D			B9A	D
EY88	*** 23* **8	C1	6.3				120		REC		40mA	B9A	R
EY89	**1 23* **8		6.3				120		REC		30mA	B9A	R
EY91	812 380 000		6				60		REC		20mA	B7G	R
EY92	002 380 100		6.3				60		REC		15mA	B7G	R
EY3000	023 100 000	D1	6.3				120		REC		20mA	85C	R
EY3000N	023 100 000	D	6.3				120		REC		30mA	85C	R
EYY13	230 238 090		6.3				120		REC		30mA	F8	RR
EZ1	023 180 090		6				30		REC		15mA	85C	RR
EZ2	023 180 090		6				30		REC		15mA	85C	RR
EZ3	023 180 090		6				60		REC		20mA	85C	RR
EZ4	023 180 090		6				60		REC		20mA	85C	RR
EZ11	502 300 180		6				30		REC		15mA	F8	RR
EZ12	902 300 180		6				60		REC		20mA	F8	RR
EZ22	208 009 130		6				60		REC		20mA	B8B	RR
EZ33	028 090 310		6				60		REC		20mA	AO8	RR
EZ35	028 090 310		6				30		REC		45mA	AO8	RR
EZ40	280 *09 130		6				30		REC		25mA	B8A	RR
EZ41	280 009 130		6				30		REC		30mA	B8A	RR
EZ30	*7*1 23* 6**		6				30		REC		35mA	B9A	RR
EZ01	*7*1 23* 6**		6				60		REC		25mA	B9A	RR
EZ82	*8*1 23* 9**		6.3				30		REC		15mA	B9A	RR
EZ90	802 309 100		6.3				30		REC		15mA	B7G	RR
EZ91	802 309 100		6.3				30		REC		15mA	B7G	RR
EZ9000	802 309 100		6.3				30		REC		15mA	B7G	RR
F2A11	602 301 450		6.3	6.5	250	250	100	18	No Data Available			F8	P
F5	642 300 000		4	40	300		40	6	100		6	B4	T
F10	642 300 000		4	15	300		30	5.5	100		5.5	B4	T
F100	642 350 000		4	16	250	250	42	2.5	100	150	2.5	B5	P
F109	264 300 000		1.5	14.5	200		6.2	11.5	100		11	UX4	T
F109A	642 300 000		1.5	14.5	200		6.2	1.2	100			B5	T
F109A	264 300 000		1.5	14.5	200		6.3	1.2	100			UX4	T
F203	264 300 000		2.5	50	300		36	2	100			UX4	T

TYPE

P
P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
F203	642 300 000		2.5	56	300		36	2	150		2	B4	P
F209	642 300 000		2.5	21	250		5.2	0.9	100			B4	T
F209	264 300 000		2.5	21	250		5.2	0.9	100			UX4	T
F209A	642 310 000		2.5	21	250		5	1	100		1	B5	T
F215	264 130 000		2.5	6	150		6.5	2	100		2	UX5	T
F215	642 310 000		2.5	6	150		6.5	2	100		2	B5	T
F242	265 130 000	G1	2.5	1.3	200	100	1.5	0.9	200	100	0.9	UX5	P
F410	642 300 000		4	15	300		13.5	2.8	100		2.8	B4	T
F443	642 350 000		4	30	400	200	45	3.2	100	100	3.2	B5	P
F443N	642 350 000		4	30	400	200	45	3.2	100	100	3.2	B5	P
F460	642 310 000		4	2	250		10	5.5	200		5.5	B5	T
F704	642 300 000		7.5	84	400		55	2.1	100		2.1	B5	T
F707	642 300 000		7.5	84	400		55	2.1	100		2.1	B4	T
F707	264 300 000		7.5	84	400		55	2.1	100		2.1	UX4	T
F708	264 300 000		7.5	44	400		16	1.6	100		1.6	UX4	T
F/7001	412 365 100		6.3		150	125	35	4.8	100	100	4	B7G	P
FC2	645 230 700	G1	2		150	50	2		80		0.4	B7	O
						150	75	0.9	0.2	125	75		
FC2A	645 230 700	G1	2		150	50	1.2		100		0.5	B7	O
						150	50	0.7	0.3	100	75		
FC4	645 231 700	G1	4	4	90	90	2	1	100	90	1.3	B7	O
					4	250	90	1.6	1	250	90		
FC13	023 164 570	G1	13	3	90	75	2	1.3	100		1.5	8SC	O
					2	200	75	2.6	0.6	200	75		
FC13C	645 231 700	G1	13	3	90	75	2	1.3	80	75	1.2	B7	O
					2	200	75	2.6		200	75		
FC141	207 640 530	G1	1.4		90	90	0.5		80	90		MO8	H
FH2118	165 452 300	G1	20	2	200	80	3		100	75		C7	P
FW1	893 200 000		4				30		REC		15mA	B4	RR
FW3	892 300 000		4				60		REC		30mA	B4	RR
FW4/500	982 300 000		4 (5)				120		REC		30mA	B5	RR
FW4/800	982 300 000		4 (5)				60		REC		30mA	B5	RR
FY	642 350 000		4	10	250	250	32	5	100	150	5	B5	P
FZ1	023 180 090		13				30		REC		15mA	8SC	RR
G	264 300 000		5	3	200		0.2		100		0.2	UX4	T
G/6C4	602 364 100		6.3	8.5	250		10.5	2.2	100		3	B7G	T
G/25L6	026 540 310		25	8.2	200	125	46	8	100	90	8	AO8	P
G/50C5	142 345 600		50	7.5	150	100	49	7.5	100	90	6	B7G	P
G84	280 300 000		2.5				60		REC		20mA	UX4	R
G407	642 300 000		4	4	150		4	1.3	100		4	B4	T
G409	642 300 000		4	4	150		4	1.3	100		4	B4	T
G431	892 300 000		4				30		REC		15mA	B5	RR
G459	023 080 090		4				60		REC		20mA	8SC	RR
G460	892 300 000		4				60		REC		20mA	B4	RR
G470	892 300 000		4				30		REC		15mA	B4	RR
G504	892 300 000		4				15		REC		15mA	B4	RR
G660	023 190 080		6.3				30		REC		15mA	8SC	RR
G715	802 300 000		7.5				120		REC		30mA	B4	T
G1054	892 300 000		4				30		REC		15mA	B4	RR
G1064	892 300 000		4				30		REC		20mA	B4	RR
G1380	023 180 090		12				30		REC		15mA	8SC	RR
G1404	802 300 000		4				120		REC		30mA	B4	R
G1503	892 300 000		2.5				30		REC		15mA	B4	RR

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		
G2004	892 300 000		4				60		REC		20mA	B4	RR
G2005	892 300 000		5				60		REC		20mA	B4	RR
G2080	023 100 080		20				60		REC		15mA	B5C	R
G2080	802 310 000		20				60		REC		20mA	B5	R
G2504	892 300 000		4				60		REC		20mA	B4	RR
G3060	123 190 080		30				60		REC		20mA	B5C	RR
G4004	892 300 000		4				120		REC		30mA	B4	R
G4100	802 300 000		4				120		REC		30mA	B4	R
G4120	892 300 000		4				60		REC		20mA	B5	RR
G4120N	892 300 000		4				60		REC		40mA	B4	R
G4150	892 300 000		4				60		REC		20mA	B4	RR
G4180	892 300 000		4				120		REC		30mA	B4	RR
G4300	892 300 000		4				120		REC		30mA	B4	RR
G/5749	412 365 100		6	1	250	100	11	4.4	100	100	4.4	B7G	P
G/5750	412 366 400		6	2	100		11	7	100		6	B7G	H
G/6042	461 471 230		25	8	250		9	2.6	100		2.6	AO8	TT
G/6059	041 230 651		6	3	250	100	2	1.2	100	100	1.2	B7G	P
G/6060	741 226 413		6	2	250		10	5.5	200		5	B9A	TT
G/6061	*41 230 651		6	13	300	225	35	3.7	100	150	3.7	B9A	P
G/6062	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
G/6066	412 389 600		6	3	250	250	1	1.2	150		1.2	B7G	DDT
G/6100	602 364 100		6	8.5	250		10.5	2.2	100		3	B7G	T
G/6132	*41 230 651		6	4.5	250	250	40	11	100	150	9	B9A	P
G/6157	**1 23* ***	D1	6				120		REC		30mA	B9A	R
G/6158	644 226 413		6	4.6	250		6	2.3	100		2.3	B9A	TT
G/6180	461 471 230		6	8	250		9	2.6	100		2.6	AO8	TT
G/6443	**1 23* ***	D1	6				120		REC		30mA	B9A	R
G/6516	412 360 500		6	12.5	250	250	16	2.6	100	150	2.6	B7G	P
GG1	288 009 930		4				30		REC		15mA	B8B	RR
GN24	892 300 000		4				30		REC		15mA	B4	RR
GR4	892 300 000		4				120		REC		30mA	B4	RR
GT1C	642 310 000		4		200		48	3K	No Data Available			B5	THY
GY11	333 022 200	D1	2.5				30		REC		15mA	F8	R
GZ30	020 908 030		5				60		REC		20mA	AO8	RR
GZ31	020 908 030		5				120		REC		30mA	AO8	RR
GZ32	030 809 020		5 (5.7)				60		REC		50mA	AO8	RR
GZ33	030 809 020		5				120		REC		30mA	AO8	RR
GZ34	*30 809 020		5				120		REC		30mA	AO8	RR
GZ37	030 908 020		5 (5.7)				120		REC		40mA	AO8	RR
GZ40	28* **9 130		5				30		REC		17mA	B8A	RR
GZ41	28* **9 130		5				30		REC		26mA	B8A	RR
H2	642 300 000		2	1	150		2.5	0.8	150		0.8	B4	T
H2D	682 390 000	G1	2	1.5	150		3.5	1.3	100		1.3	B5	DDT
H4	642 300 000		4	4	150		4	1.3	125		1.3	B4	T
H4D	218 809 300	G1	4	3	200		4.5	2.7	100		2.5	B7	DDT
H4D	809 231 600	G1	4	2.5	200		5.5	2.7	150		2.7	B7	DDT
H12	642 300 000		2	1.3	100		0.6	1	100		1.2	SM4	T
H13	023 100 060	G1	13	4	200		6	2.5	100		2.5	AO8	T
H20	642 310 000		20	1.6	200		0.2	1	100		1	B5	T
H30	000 231 600	G1	13	1.5	250		7.5	6	100		6	B7	T
H42	000 231 600	G1	4	2	250		1	1.5	200		1.7	B7	T
H42	216 000 300	G1	4	2	250		1	1.5	100		1.5	B7	T

TYPE	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		
	H63	020 600 310	G1	6.3	2	250		1	1.6	100		1.5	AO8	T
	H141D	206 080 030	G1	1.4	1	90		0.1	0.2	80		0.2	MO8	DT
	H210	642 300 000		2	3	150		1.1	1.1	100		1.1	B4	T
	H406D	542 300 000	A1	4	1.5	200	75	4	0.8	100	80		B4	P
	H407spec.	642 300 000		4	9	150		3.5	0.9	100		0.9	B4	T
	H410D	642 300 000		4	3	150		0.5	0.6	100		0.6	B4	T
	H412	642 300 000		4	9	150		5	1.2	125		1.2	B4	T
	H607	642 300 000		6	1	100			0.4	100		0.4	B4	T
	H1818D	542 310 000	A1	20	2	200	100	3	2	100	100		B5	P
	H1918D	542 310 000	A1	20	2	200	60	4	1	100	60		B5	P
	H2018D	542 310 000	A1	20	2	200	60	4	1	100	60		B5	P
	H2518D	542 310 000	A1	20	2.5	250	100	3.5	2	100	100		B5	P
	H2618D	542 310 000	A1	20	2.5	250	100	5	2	100	100		B5	P
	H4080D	542 310 000	A1	4	1.5	200	75	4	2.5	100	100		B5	P
	H4111D	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
	H4115D	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
	H4125D	542 310 000	A1	4	2	200	100	6	1	100	100		B5	P
	H4128D	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
	H4129D	542 310 000	A1	4	2.5	250	100	5	2	100	100		B5	P
	HAA91	182 310 900		12						D			B7G	DD
	HABC80	811 239 146		19	3	250		1	1.2	100		1.3	B9A	DDDT
	HAD	908 231 600	G1	13	2.5	200		3.3	2	150		2	B7	DDT
	HBC90	412 389 600		12.5	3	250		1	1.2	100		1.2	B7G	DDT
	HBC91	412 389 600		12.5	2	250		1.2	1.8	100		1.2	B7G	DDT
	HCH81	541 237 464		12.6		100		4	2	100	60	2	B9A	TH
	HD2	642 300 000		2	5	200		5	1	150		1	B4	T
	HD2	682 390 000	G1	2	2.5	150		3.5	1.3	100			B5	DDT
	HD14	036 080 200	G1	1.4	0	90		0.1	0.2	100		0.2	AO8	DT
	HD21	682 390 000	G1	2	1.5	150		1.8	1.5	150		1.5	B5	DDT
	HD22	682 390 000	G1	2	2	150		1.8	1.5	100		1.5	B5	DDT
	HD23	682 390 000	G1	2	1	150		1	1	125		1	B5	DDT
	HD23	682 390 000	G1	2	2	150		1	1.4	100		1.4	B5	DDT
	HD24	682 390 000	G1	2	1.5	150		0.8	1	100		1.4	B5	DDT
	HD30	524 332 600		1.2	75	150	125		1.7	No Data Available			B7G	P
	HD93	23* 232 *32	D1	1.2				1		D			B9A	D
	HD96	021 040 310	A1	25	22.5	250	150	55	5.5	100	100		AO8	P
	HF61	26* *54 130		6.3	2.6	250	100	6	2.2	100	100	2.2	B8A	P
	HF62	260 154 130		6.3	2	250	250	10	9	100	150	8	B8A	P
	HF85	141 230 651		12.5	2.3	200	125	11.4	6.1	100	90		B9A	P
	HF93	412 365 100		12.5	1	250	100	11	4.4	100	100	4.3	B7G	P
	HF94	412 365 100		12.5	1	250	250	10.6	5.2	100	100	3.9	B7G	P
	HF121	26* 054 130		12.5	3	200	125	1.2	2.3	100	100	2	B8A	P
	HK90	412 365 100		6.3	0	100	100	11	7	100		5	B7G	H
	HL2	642 300 000		2	1.5	150		2.2	1.5	150		1.5	B4	T
	HL2	023 004 060		2	1.5	150		2.2	1.5	150		1.5	8SC	T
	HL2K	642 300 000		2	1.5	150		2.2	1.5	150		1.5	B4	T
	HL2S	023 004 060		2	1.5	150		2.2	1.5	150		1.5	8SC	T
	HL3	206 040 030		2	1.5	125		0.5	1.5	125		1.5	MO8	T
	HL4	642 310 000		4	4.5	250		5	3.5	150		3.5	B5	T
	HL4†	642 310 000		4	4.5	250		5	4.9	100		5	B5	T
	HL4G	000 231 600	G1	4	4.5	250		5	3.5	150		3.5	B7	T
	HL4GS	023 100 060	G1	4	4.5	250		5	3.5	150		3.5	8SC	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
HL13	023 100 060	G1	13	13.7	200		5	3.3	150		3	8SC	T
HL13	000 231 600	G1	13	2.7	200		6	3.5	150		4	B7	T
HL13C	000 231 600	G1	13	3.7	200		5	3.3	150		4	B7	T
HL13G	023 004 060	G1	13	5.5	250		6	2.5	150		2.5	8SC	T
HL13S	023 100 060	G1	13	3	200		6	3.5	150		3.5	8SC	T
HL21	642 300 000		2	3	150		1.7	1.5	125		1.5	B4	T
HL21DD	682 390 000	G1	2	2	150		2	1.3	125		1.3	B5	DDT
HL22	206 040 030		2	2	150		2	1.3	125		1.3	MO8	T
HL22DD	206 080 930	G1	2	2	150		2	1.3	125		1.3	MO8	DDT
HL23	206 040 030		2	1.5	150		1.5	1.2	100		1.2	MO8	T
HL23DD	206 080 930	G1	2	1.5	150		0.6	1.2	100		1.2	MO8	DDT
HL41	216 040 030		4	3.1	250		2.2	3.4	150		3.1	MO8	T
HL41DD	216 090 830	G1	4	3.1	250		2.2	2.6	100		2.4	MO8	DDT
HL42DD	216 090 830	G1	4	0.2	200		2.8	2.9	100		2.5	MO8	DDT
HL84	*41 23* 6*5		30	12.5	200	175	70	10	100	100		B9A	P
HL90	412 365 400		19	12.5	250	250	45	4.1	100	150	4	B7G	P
HL92	142 345 600		50	7.5	150	125	49	7.5	100	100	7	B7G	P
HL94	142 345 600		30	6.7	100	100	43	9.2	100	100	9.2	B7G	P
HL133	216 000 030	G1	13	3.3	200		6	2.9	200		2.9	MO8	T
HL133DD	216 090 830	G1	13	2.5	200		1.5	2.5	150		2.3	MO8	DDT
HL134DD	216 080 930	G1	13	5	250		7	2.5	100		2.5	MO8	DDT
HL135	023 100 060	G1	13	3	200		6	3.5	150		3.5	8SC	T
HL210	642 300 000		2	1	100		1.1	0.7	100		1	B4	T
HL410	642 300 000		4	6	150		1.2	0.8	150		0.8	B4	T
HL607	642 300 000		6	1	100			1	100		1	B4	T
HL1320	000 231 600	G1	13	3.3	200		6	3	150		3	B7	T
HLA1	642 310 000		4	1	200		5	8	200		7	B5	T
HLA2	642 310 000		4	2.5	200		6	5.5	150		5.5	B5	T
HLB1	642 300 000		2	3	150		2	1.5	100		1.5	B5	T
HL/DD1320	809 231 600	G1	13	3	200		4.3	1.9	100		1.9	B7	DDT
HM20	642 310 000		20	3.3	250		6	2.5	100		2.3	B5	T
HN309	641 237 154		12	{ 2	250		2.8	2.2	100	60	2	B9A	TP
				9	150	150	24	5.6	150	150	5.6		
HP2	446 230 700		2	{ 1	150		8.5		125			B7	TT
				1.5	200	150	4	6.4	100	150	5		
HP6	412 361 500		6	{ 2	250	250	10	7.5	100	150	5	B7G	PP
				1.5	200	150	4	6.4	100	150	5		
HP13	061 231 600	G1	13	1	250	100	8	3.5	250	100	3.5	B7	P
HP13S	023 110 580	G1	13	1	250	100	8	3.5	250	100	3.5	8SC	P
HP210	542 300 000	A1	2	1.5	150	150	1.9	1.9	150	150	1.9	B4	P
HP210	041 230 500	A1	2	1.5	150	150	1.9	1.9	150	150	1.9	B7	P
HP210C	041 230 500	A1	2	1	150	150	1.9	1.9	150	150	1.9	B7	P
HP210NC	542 300 000	A1	2	1	150	150	1.9	1.9	150	150	1.9	B4	P
HP210NC	041 230 500	A1	2	1	150	150	1.9	1.9	150	150	1.9	B7	P
HP211	041 230 500	A1	2	1	150	150	2.6	1.7	150	150	1.7	B7	P
HP211C	041 230 500	A1	2	1	150	150	2.6	1.7	150	150	1.7	B7	P
HP211C	542 300 000	A1	2	1	150	150	2.6	1.7	150	150	1.7	B4	P
HP215	542 300 000	A1	2	1.5	150	80	1.5	1.2	150	75	1.2	B4	P
HP215	041 230 500	A1	2	1.5	150	80	1.5	1.2	150	75	1.2	B7	P
HP415	041 231 500	A1	4	2	250	100	8	2.7	100	100	2.7	B7	P
HP1018	160 152 300	G1	10	3	250	100	2.3	1.3	100	150	1.3	B7	P
HP1118	160 152 300	G1	10	3	250	100	8.2	1.6	100	100	1.6	B7	P
HP2018	542 310 000	A1	20	2	200	100	4	3.5	100	100	3.5	B5	P

TYPE	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		
	HP2018	041 231 500	A1	20	2	200	100	4	3.5	200	100	2.5	B7	P
	HP2118	041 230 500	A1	20	2	200	100	5	3.5	100	100	3.5	B7	P
	HP2118	542 310 000	A1	20	2	200	100	5	3.5	100	100	2.5	B5	P
	HP4100	542 310 000	A1	4	2	200	100	3	3.5	100	100	3.5	B5	P
	HP4101	041 231 500	A1	4	2	200	100	3.5	3.5	100	100	3.5	B7	P
	HP4101	542 310 000	A1	4	2	200	100	3.5	3.5	100	100	3.5	B5	P
DDT	HP4101C	542 310 000	A1	4	2	200	100	3.5	2.8	100	100	2.8	B5	P
DDT	HP4101C	041 231 500	A1	4	2	200	100	3.5	2.8	100	100	2.8	B7	P
	HP4105	542 310 000	A1	4	2	250	100	4.5	3	100	100	3	B5	P
	HP4105	041 231 500	A1	4	2	250	100	4.5	3	100	100	3	B7	P
	HP4106	041 231 500	A1	4	2	200	100	5	3.5	100	100	3.5	B7	P
	HP4106	542 310 000	-A1	4	2	200	100	5	3.5	100	100	3.5	B5	P
	HP4106C	041 231 500	A1	4	2	200	100	5	3.5	100	100	3.5	B7	P
DDT	HP4106C	542 310 000	A1	4	2	200	100	5	3.5	100	100	3.5	B5	P
DDT	HP4115	041 231 500	A1	4	2	200	100	4.3	2.2	100	100	3.2	B7	P
	HP4115	542 310 000	A1	4	2	200	100	4.3	3.2	100	100	3.2	B5	P
	HP4115C	542 310 000	A1	4	2	250	100	4.5	3.2	100	100	3.2	B5	P
	HP4115C	041 231 500	A1	4	2	250	100	4.5	3.2	100	100	3.2	B7	P
DDT	HPT	412 361 500		6	2	250	250	10	7.5	100	150	5	B7G	P
DDT	HR1	2** 3** *00	D1	0.6	2	200	150	4	6.4	100	150	5	B7G	D
	HR2	642 300 000		2	2	150		12	0.6	125		0.6	B4	T
	HR2	112 311 100	D1	4				5		D			B7G	R
	HR2S	023 004 060		2	2	150		1.2	0.6	125		0.6	8SC	T
	HR3	112 311 100	D1	4				15		REC		10mA	B7G	R
	HR4	112 311 100	D1	4				30		REC		15mA	B7G	R
	HR5	112 311 100	D1	4				30		REC		15mA	B7G	R
	HR6	030 000 020	D1	4				60		REC		20mA	AO8	R
DDT	HR7	020 000 030	D1	4				30		REC		15mA	AO3	R
	HR8	030 000 020	D1	4				30		REC		15mA	AO8	R
	HR11	020 000 030	D1	4						D			AO8	D
	HR210	642 300 000		2	1.5	200		1	1.3	150		1.3	B4	T
TP	HR405	642 300 000		4	3	200		1	1.5	150		1.5	B4	T
	HR410	641 300 000		4	3	200		1	1.5	150		1.5	B4	T
PP	HSD	809 231 600	G1	13	3	200		8	2.7	150		2.3	B7	DDT
	HVR1	002 300 000	D1	2				5		REC			B4	R
	HVR2	003 200 000	D1	4				3		REC		2mA	B4	R
	HVR2A	003 200 000	D1	2 (2.5)				3		REC		2mA	B4	R
	HVU1	002 300 000	D1	4				3		D			B4	R
	HY24	264 300 000		2	45	200		20		100			UX4	T
	HY61	254 130 000	A1	6	14	300	250	83	6.5	No Data Available			UX5	P
	HY65	030 540 210	A1	6	45	350	200	63		100	100		AO3	P
	HY90	002 383 100		27.5				60		REC		25mA	B7G	R
	HY113	264 030 000		1.4	4.5	60		0.4	0.2	No Data Available			UX5	T
	HY125	364 520 000		1.4	3	60	50	0.9	0.3	No Data Available			UX5	P
	HY615	020 000 310	A1/G1	6	35	300		20		100			AO8	T
	HY866	280 300 000		2.5				120		REC		30mA	UX4	R
	HZ50	280 300 000		13				60		REC		20mA	UX4	R
	IF860	141 230 651		20		200	200	8.5	6.6	100	100		B9A	P
	IL861	041 230 651		20		200	200	20	11	100	100		B9A	P
	IRV120/350S	023 180 090		4				60		REC		20mA	8SC	RR
	IW2	883 200 000		4				30		REC		40mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE		
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V				
IW2A	892 300 000		4				30			REC		40mA	B4	RR	
IW3	892 300 000		4				60			REC		50mA	B4	RR	
IW4	892 300 000		4				60			REC		40mA	B4	RR	
IW4/350	892 300 000		4				60			REC		40mA	B4	RR	
IW4/500	893 200 000		4 (5)				60			REC		20mA	B4	RR	
K4	892 300 000		4				120			REC		30mA	B4	RR	
K23A	682 390 000	G1	2	5.5	150		2.5	1.4		100		1.4	B5	DDT	
K23B	682 390 000	G1	2	1.5	150		1.4	1.2	150			1.2	B5	DDT	
K24	265 130 000	G1	2.5	1.5	200	75	2	0.8	100	75		0.8	UX5	P	
K27	264 130 000		2.5	4.5	90		3	1	80			1	UX5	T	
K30A	642 300 000		2	3	150		1.5	0.8	150			0.8	B4	T	
K30B	642 300 000		2	7.5	150		4	0.9	100			0.9	B4	T	
K30C	642 300 000		2	1.5	150		2	1.4	100			1.4	B4	T	
K30D	642 300 000		2	3	150		4	1.5	100			1.5	B4	T	
K30E	642 300 000		2	4.5	150		2	1.5	100			1.5	B4	T	
K30G	642 300 000		2	7	150		6	3.5	100			3.5	B4	T	
K30K	642 300 000		2	1.5	150		2.2	1.4	100			1.5	B4	T	
K33A	064 234 700		2	0	150		3		150				B7	TT	
K33B	446 230 700		2	1.5	125		3	2.1	125			2.1	B7	TT	
K40B	542 300 000	A1	2		150	75	2	1.5	100	75		1.5	B4	P	
K40N	542 300 000	A1	2		150	90	2.5	1.4	100	90		1.4	B4	P	
K40N	041 230 500	A1	2		150	90	2.5	1.4	100	90		1.4	B7	P	
K50M	041 231 500	A1	2	5	150	123	3	1.5	100	100		1.5	B7	P	
K50N	064 235 500	G1	2	1.5	150	60	2	1.4	125	60		1.4	B7	P	
K70B	642 350 000		2	4.5	150	150	9.5	2.5	100	100		2.5	B5	P	
K70D	642 350 000		2	2.4	150	150	5	4	100	100		4	B5	P	
K77A	465 230 574		2	10.5	150	150	2.5	4	100	100		4	B9	PP	
K77B	446 235 700		2	11.7	150	150	3.8		100	100			B7	PP	
K80A	645 230 700	G1	2	}	150	50	2		80	60		0.4	}	B7	O
					150	75	1		127	75	0.8				
					150	150	2.1		100	60	0.1				
K80B	645 230 700	G1	2	}	150	150	0.7		100	75		1	}	B7	O
					150	150	0.7		100	75	1				
					300		50	5	100		5			5	B4
K435/10	642 300 000		4	3	300		50	5	100			5	B4	T	
K450/50	642 300 000		4	50	400		120	5	100			5	B4	T	
K1658	542 310 000	A1	7	25	400	225	50	3.2	No Data Available				B5	P	
K1668	542 310 000	A1	7	25	400	225	50	3.2	No Data Available				B5	P	
K1678	542 310 000	A1	7	25	400	225	50	3.2	No Data Available				B5	P	
K1694	642 300 000		4	3.5	200		6	2.6	100			2.4	B4	T	
KBC1	023 098 060	G1	2	4.5	150		2.5	1	100			1	8SC	DDT	
KBC32	036 980 200	G1	2		100		2.4	1.2	100			1.2	AO8	DDT	
KC1	023 004 060		2	1.5	150		1.2	0.6	125			0.6	8SC	T	
KC3	023 004 060		2	2.8	150		3	2.5	100			2.5	8SC	T	
KC4	023 004 060		2	1.5	150		2.2	1.4	125			1.4	8SC	T	
KC50	642 300 000		2	1	40		0.2	0.4	No Data Available				SM4	T	
KC51	642 300 000		2	2	40		1.2	0.5	No Data Available				SM4	T	
KCF30	037 546 200	G1	2	}	100		3.7	1.6	100	60		1.7	}	AO8	TP
					150	80	1.5	0.9	100	75	0.9				
					90		3	1.5	80	60	1.5				
KCH1	023 064 570	G1	2	}	90	60	1	0.9	100	60		0.9	}	8SC	TH
					90		1	0.9	100	60	0.9				
					40		1.8	0.6	No Data Available						
KD50	642 300 000		2	2.8	40		1.8	0.6	No Data Available				SM4	T	
KDD1	023 074 460		2		90		0.8	0.8	80			0.8	8SC	TT	
KE50	542 300 000	A1	2	2	150	50	0.8	0.6	100	60		0.6	SM4	P	

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					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
RR	KF1	050 412 300	A1	2	1	150	150	3	1.8	125	150	1.8	C7	P
RR	KF2	050 412 300	A1	2	1	150	150	3	1.3	125	150	1.3	C7	P
	KF3	023 010 560	G1	2	1	90	90	1	0.5	80	90	0.5	8SC	P
RR	KF4	023 010 560	G1	2	1	90	90	1.2	0.7	80	90	0.7	8SC	P
RR	KF7	023 004 500	A1	2	1.5	90	90	1.8	0.7	80	90	0.7	8SC	P
RR	KF8	023 004 500	A1	2	1	90	90	1.5	0.6	80	90	0.6	8SC	P
DDT	KF35	026 510 300	G1	2	1.5	150	60	1.4	1.1	125	60	1.1	AO8	P
DDT	KH1	023 051 560	G1	2	1.5	90	60	2.1	1.4	80	60	1.4	8SC	P
DDT	KK2	023 064 560	G1	2	1	90	50	2		80	60		8SC	O
	KK2G	026 546 300	G1	2	1	90	50	2		80	80		AO8	O
	KK32	037 546 200	G1	2		150	50	2.1		150	60	2.1	AO8	O
						150	50	0.7		150	60	0.7		
	KL1	642 350 000		2	4.5	90	90	8	1.7	80	75	1.7	B5	P
	KL1	032 004 560		2	4.5	90	90	8	1.7	80	75	1.7	8SC	P
	KL2	023 004 560		2	7.5	90	90	11	1.8	80	75	1.8	8SC	P
	KL4	023 004 560		2	2.5	100	100	5	2	80	75	2.8	8SC	P
	KL4G	036 540 200		2	2.5	90	90	4.7	1.8	80	75	2.8	AO8	P
	KL5	032 004 560		2	4	90	90	4.8	1.4	80	75	1.4	8SC	P
	KL35	036 540 200		2	4.5	150	150	5.6	2.2	100	100	2.2	AO3	P
TT	KLL3	423 584 570		2	12	150	150	8		100	100		8SC	PP
TT	KLL32	026 447 350		2	11.3	150	150	3.8	2.6	100	100	2.6	AO8	PP
	KR5	264 530 000		6	9	150	150	14	1.9	100	100	1.9	UX5	P
	KR20	264 413 000		2.5		250		3.5	1.4	250		1.4	UX6	T
	KR22	264 413 000		6		250		3.5	1.4	250		1.4	UX6	T
	KR25	264 413 000		2.5	16.5	250	250	34	2.2	100	150	2.2	UX6	P
	KR28	289 130 000		6				30		REC		15mA	UX5	RR
	KR31	281 300 000		10				120		REC		30mA	UX4	R
P	KT2	642 350 000		2	4.5	150	150	7.5	2.5	100	100	2.5	B5	P
P	KT8	542 310 000	A1	6	16	250	250	72	6	100	100	6	B5	P
	KT8C	542 310 000	A1	6	16	250	250	72	6	100	150	6	B5	P
	KT16	026 540 230		1.4	4.5	90	90	8.8	1.9	No Data Available			AO8	P
	KT21	642 350 000		2	2.5	150	125	5.3	5.3	100	100	5.3	B5	P
	KT24	642 350 000		2	3.5	150	125	5	3.2	100	100	3.2	B5	P
	KT30	045 231 600		13	12	250	250	40	3.9	100	150	3.9	B7	P
	KT31	305 221 600	G1	13	4	200	175	40	10	100	150	9	B7	P
	KT32	026 540 310		26	7.6	150	150	75	9	100	100	8	AO8	P
	KT33	326 540 210		13	13.2	200	200	60	10	100	100	9	AO8	P
	KT33C	326 540 210		13	7	200	175	92	10	100	100	9	AO8	P
	KT35	326 540 210		13	11.5	200	200	50	10	100	100	9	AO8	P
DDT	KT36	020 540 310	A1	26	10	150	150	60	11	100	100	10	AO8	P
DDT	KT41	045 231 600		4 (5)	4.4	250	250	40	10.5	100	150	9	B7	P
	KT42	045 231 600		4	16.5	250	250	34	2.5	100	150	2.5	B7	P
	KT44	041 231 500	A1	4 (5)	25	250	250	85	6.3	100	150	6.2	B7	P
	KT45	041 231 500	A1	4	25	250	250	85	6.3	100	150	6.3	B7	P
	KT55	*26 540 310		52	15	150	150	88	16	No Data Available			AO8	P
P	KT61	026 540 310		6	4.4	250	250	40	10.5	100	150	9	AO8	P
H	KT63	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	AO8	P
	KT66	026 540 310		6	15	250	250	65	6.3	100	150	6	AO8	P
	KT67	256 001 403		6	9	250	175	80	13	100	100	10	B9G	P
T	KT71	026 540 310		48	9.8	200	175	70	10	100	100	9	AO8	P
	KT72	026 540 310		16	12.5	200	175	30	2.5	100	100	2.5	AO8	P

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				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
KT73	026 540 310		6	4.5	200	175	35	2.5	100	100	2.5	AO8	P
KT74	026 540 310		16	12.5	200	175	30	2.5	100	100	2.5	AO8	P
KT76	026 540 310		15	13	200	175	35	2.5	100	100	2.5	AO8	P
KT77	026 540 310		6.3		250	250	100	11.5	100	100		AO8	P
KT81	265 004 130		6	4.4	250	250	40	10.5	100	150	9	B8B	P
KT88	026 540 310		6	20	250	250	57	8	No Data Available			AO8	P
KT101	265 004 130		80	9.5	200	175	70	10	100	100	9	B8B	P
KTW61	026 510 310	G1	6	4	250	100	10	2.9	100	90	2.9	AO8	P
KTW62	026 500 310	G1	6	3	250	100	8	2.8	100	100	2.8	AO8	P
KTW63	026 510 310	G1	6	3	250	100	7.6	1.5	100	90	1.5	AO8	P
KTW73	026 510 310	G1	6	3	250	100	6.5	1.7	100	90	1.7	AO8	P
KTW73M	026 500 310	G1	6	3	250	100	6.5	1.7	100	100		AO8	P
KTW74	026 510 310	G1	13	3	250	100	7.6	1.5	100	90	1.7	AO8	P
KTW74M	026 500 310	G1	13	3	250	100	7.6	1.5	100	100		AO8	P
KTZ41	061 231 500	G1	4	1.5	250	250	18	12	200	200	10	B7	P
KTZ63	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	AO8	P
KTZ73	026 500 310	G1	6	3	250	100	2	1.5	100	90	1.5	AO8	P
KTZ73M	026 500 310	G1	6	3	250	100	2	1.5	100	100		AO8	P
KZ	802 310 000		20				60		REC		20mA	B5	R
L2	642 300 000		2	4.5	150		9	1.6	150		1.6	B4	T
L2/B	642 300 000		2	3.8	150		4	1.5	125		1.5	B4	T
L2D	642 310 000		2	4.5	150		2	1.5	100		1.5	B5	T
L2/DD	682 390 000	G1	2	3.8	150		4	1.6	100		1.6	B5	DDT
L4	642 300 000		4	16	250		20	3.2	100		3.2	B4	T
L11	642 300 000		1	12	100		2.8	0.6	100		0.6	B4	T
L12	642 300 000		2	3	40		2.2	0.8	No Data Available			Sm4	T
L21	642 300 000		2	6	150		3.2	1.8	100		1.8	B4	T
L21DD	682 390 000	G1	2	3	150		5.2	1.8	100		1.8	B5	DDT
L22DD	206 080 930	G1	2	4.2	150		4	1.6	100		1.6	AO8	DDT
L30	042 231 600		13	8	200		25	4.2	100		4.2	B7	T
L42MD	642 350 000		4	20	250	250	22	2.5	100	100		B5	P
L63	026 040 310		6	8	250		9	2.6	100		2.6	AO8	T
L77	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
L210	642 300 000		2		150			0.9	100		0.9	B4	T
L408	642 300 000		4	3	150		5	1.5	125		1.5	B4	T
L410	642 300 000		4	4	150		4.3	1.5	100			B4	T
L412	642 300 000		4	1.5	200		3	1.2	100		1.2	B4	T
L413	642 300 000		4	16	200		12	1.8	100		1.6	B4	T
L414	642 300 000		4	8	150		12	2.8	100		2.8	B4	T
L415	642 300 000		4	10	200		8	2	100		2	B4	T
L416D	643 200 000	G2	4	13	250	80	12	1.4	100	75		B4	P
L427D	642 350 000		4	42	300	200	20	1.5	100	100		B5	P
L486D	642 350 000		4	15	250	250	35	2.7	100	150	2.7	B5	P
L491	642 350 000		4	40	400	200	30	1.8	No Data Available			B5	P
L495	842 350 000		4	30			5					B5	D
L497D	642 350 000		4	30	400	200	45	3.2	No Data Available			B5	P
L510D	642 350 000		5	17	200	150	12	1.3	100	100		B5	P
L2318	642 350 000		20	18	200	200	20	1.7	100	100		B5	P
L4150D	642 310 000	G1	4	15	250	250	24	2.5	100	100		B5	P
LA	364 520 000		6	12	200	175	22	2.2	100	100	2.2	UX5	P
LD210	642 300 000		2	4.5	150		3	1.3	125		1.3	B4	T
LD410	642 300 000		4	6	200		4	1.8	100		1.8	B4	T

TYPE	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		
P	LG5	218 090 130		6				120			REC	30mA	AO8	RR
P	LG6	218 090 130		12				30			REC	15mA	B8B	RR
P	LG14	123 000 000	D1	6				5			D		B3G	R
P	LK430	642 300 000		4	32	250		20	1.9		100		B4	T
P	LK460	642 300 000		4	40	250		30	2.2	No Data Available			B4	T
P	LK4110	642 300 000		4	36	400		30	2.7	No Data Available			B4	T
P	LK4112	642 300 000		4	21.6	250		48	3.5	No Data Available			B4	T
P	LK4200	642 300 000		4	36	400		45	4	No Data Available			B4	T
P	LL2	642 300 000		2	2.5	150		3	2.5	125		2.6	B4	T
P	LL2S	023 004 060		2	2.5	150		3	2.6	125		2.6	8SC	T
P	LL4	642 310 000		4	10	350		18	3.5	125		3.5	B5	T
P	LL610	642 350 000		5	17	200	150	12	1.3	No Data Available			B5	P
P	LN119	414 237 516		50	{ 0	100		3.5	2.5	100	60	2.5	} B9A	TP
P					{ 16	200	200	35	6.4	100	100			
P	LN152	641 237 154		6	{ 2.3	100		4.0	1.4	100	60	1.4	} B9A	TP
P					{ 6.7	200	175	15.0	3.2	100	100	3.0		
P	LN309	641 237 154		12.5	{ 8.5	250		10.5	2.2	100	60	2.0	} B9A	TP
P					{ 8.0	200	175	30	4.5	100	100	4.0		
R	LN319	641 237 154		13	{ 9	200		10	3.4	100	60	3.4	} B9A	TP
R					{ 2	100	175	32	6.5	100	100			
T	LN329	645 237 114		9	{ 2	200	175	14	5	100	60	6	} B9A	TP
T					{ 2	200		10	6.2	100	100			
DDT	LP2	642 300 000		2	4.5	150		10	3.6	100		3.6	B4	T
T	LP4	642 300 000		4	36	250		48	5.5	100		5.5	B4	T
T	LP25	642 300 000		4	31	400		50	7.5	100		6.9	B4	T
T	LP220	642 300 000		2	4.5	150		5	3.5	100		3.5	B4	P
T	LS5	642 300 000		4.7	47	400		25		No Data Available			B4	T
DDT	LS5A	642 300 000		5.2		400		33	0.9	No Data Available			B4	T
DDT	LS6A	642 300 000		6	91	400		64	2.3	No Data Available			B5	T
T	LS7	642 300 000		4	4	150		21	2.4	100		2.4	B5	T
P	LS8	642 300 000		4	8	150			1.3	100			B4	T
T	LS8A	742 300 000		4	8	150		26	3	No Data Available			B4	T
I	LS9B	642 300 000		2	1.5	150		8	0.6	100		0.6	B4	T
I	LS826	246 310 000		6.3	1.1	100		7.5	5	100		5	B5B	T
T	LU4A	642 300 000		4	16	200		12	1.8	100		1.6	B4	T
T	LZ319	645 237 114		9	{ 2	100		14	5	100	60	5	} B9A	TP
T					{ 2	200	175	10	6.2	100	100	5		
T	L496D	642 350 000							5				B5	D
T	LZ329	645 237 114		9	{ 2.0	100		14	5	100	60	5.0	} B9A	TP
P					{ 2.0	200	175	10	6	100	100	5.0		
P	M0465	645 231 700	G1	4	{ 1.5	250	75	2	21.6	100	75		} B7	O
P					{ 1.5	90				80				
P	M0495	123 174 560	G1	4	{ 1.5	250	75	1.6		100	75		} 8SC	O
P					{ 8.5	250				100				
D	M3057	041 230 651		6.3	4.5	200	200	30	9	100	100		B9A	P
P	M8079	192 310 800		6				5		D			B7G	RR
P	M8080	602 364 100		6	8.5	250		10.5	2.2	100		3	B7G	T
P	M8081	672 344 100		6	0.8	100		8.5	5.3	100		5.3	B7G	TT
P	M8082	412 360 500		6	12.4	250	250	16	2.6	No Data Available			B7G	P
P	M8083	412 361 500		6	{ 2	250	250	10	7.65	100	150	5.0	} B7G	P
T					{ 1.5	200	150	4	6.4	100	150	5.0		
T	M8091	**1 23* ***	D1	6.3				120		REC		30mA	B9A	R
T	M8096	601 235 144		6	7.5	250	250	45	7	100	150	7	B7A	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TY
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
M8C97	812 314 600		6	2.8	200		7.5	2.8	100		2.8	B7G	DT
M8099	412 314 600		6	2	250		6	8.5	200		8	B7G	T
N8100	412 365 100		6	2.3	150	150	7	4.3	No Data Available			B7G	P
M8101	412 365 100		6	1	250	100	11	4.4	250	100	4.4	B7G	P
M8121	412 163 510		6	1.4	100	100	7	5	100	100	5	B8D	P
M3122	412 653 180		6	2	100	100	7.5	5	100	100	5	B8D	P
M8123	281 380 000		6				5		D			B8D	R
M8125	412 163 510		6	2	100	100	3	2.5	100	100	2.3	B8D	P
M8135	412 3** 651		6	4.5	250	250	40	11	100	150	10	B9A	P
M8136	741 226 413		6.3	8.5	250		8.5	2.2	100		2	B9A	TT
M8137	741 226 413		6	2	250		1.2	1.6	100		1.6	B9A	TT
V8138	802 309 100		6				30		REC		15mA	B7G	RR
M8156	462 603 160		6	2	100		13	5.5	100		5.5	B8D	T
M8157	265 511 413		6	30	300	250	25	1.9	100	100	1.9	B9G	P
M8161	412 361 500		6	2.5	250	200	8	2.5	100	150	2.5	B7G	P
M8162	741 226 413		6	1.5	200		8.5	6.5	200		8.5	B9A	TT
M8178	402 013 060		6.3		100		8.5	5.8	100		5.8	B8D	T
M8195	501 236 014		6.3	1	250	100	3	1.8	100	100	1.8	B9A	P
M8196	412 265 100		6.3	2	150	125	5.5	3.5	100	100	3	B7G	P
M8212	182 310 900		6.3				5		D			B7G	RR
M6215	412 365 400		6.3	12.5	250	250	45	4.1	100	150	4	B7G	P
M8248	412 344 600		6.3	1.35	150		13.5	13.5	No Data Available			B7G	P
MAZ41	*8* **9 23*		4				30		REC		15mA	AO8	RR
MC1	423 060 000		1.9	1.5	100		4	0.8	100		0.8	8SC	T
ME2	642 350 000		2	12	200	200	13		100	100		B5	P
ME2j	642 350 000		4	30	400	300	60		100	100		B5	P
ME1400	026 510 310	G1	6.3	2	250	100	1	1.8	100	100	1.8	AO8	P
MH4	642 310 000		4	2	200		8	3	100		3.6	B5	T
MH40	642 310 000		4	3	200		2.7	2.4	100		2.4	B5	T
MH41	642 310 000		4	1.5	200		5.2	6	200		6	B5	T
MH206	645 230 600	G1	2	3	150	75	3.2		100	75		B7	H
MH1118	645 231 600	G1	10	3	200	100	3.5		100	90	0.6	B7	H
MH4105	645 231 600	G1	4	3	200	100	7.5		100	100		B7	H
MHD4	908 231 600	G1	4	4	200		2	1.9	100		1.9	B7	DD
MHL4	642 320 000		4	8	250		8	2.5	100		2.5	B5	T
MHLD6	026 890 310	G1	6	5	200		11.5	3	100		3	AO8	DD
MKT4	045 231 600		4	11	250	200	82	3	100	100	3	B7	P
MKT4	642 310 000	G2	4	11	250	200	32	3	100	100	3	B5	P
ML4	642 310 000		4	16	250		14	3.2	100		3.2	B5	T
ML6	642 310 000		6	8	200		24	3.8	100		3.8	B5	T
ML40	642 310 000		4	3	200			3	100		3	B5	T
MM4V	542 310 000	A1	4	1.5	200	125	6	2.5	100	100	2.5	B5	P
MM20	542 310 000	A1	20		200	100	6	3.5	100	100	3.5	B5	P
MP2	642 300 000		2	12	150		12.5	3	100		3	B4	T
MP4	067 231 500	G1	4		250	150	8	2.5	100	100	2.5	B7	PP
MP/Pen	045 231 600		4	16	250	250	3	3.5	100	100	3.5	B7	P
MP/Pen	642 310 000	G2	4	16	250	250	30	3.5	100	100	3.5	B5	P
MPT4	045 231 600		4	9	250	200	32	3	100	100	3	B7	P
MPT4	642 310 000	G1	4	9	250	200	32	3	100	100	3	B5	P
MR1	802 300 000		4				120		REC		30mA	B4	R
MR4	642 300 000		4	3	200		6	2.5	150		2.5	B4	T
MS4	542 310 000	A1	4	1.5	250	75	2.4	1.1	250	75	1.1	B5	P
MS4B	542 310 000	A1	4	1	200	75	3.4	3	100	75	3	B5	P

TYPE	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		
DT	MS4C	542 310 000	A1	4	1	200	75	3.4	3.2	200	75	3.2	B5	P
T	MSG/HA	542 310 000	A1	4	1.5	200	80	2.1	2	100	75	2	B5	P
P	MSG/LA	542 310 000	A1	4	1.5	200	75	5.2	3.7	100	75	3.7	B5	P
P	MSP4	041 231 500	A1	4	1.8	200	100	3.4	2.4	100	75	3.5	B7	P
P	MSP4	542 310 000	A1	4	1.8	200	100	3.4	2.4	100	75	3.5	B5	P
P	MSP41	542 310 000	A1	4	4	250	250	8.5	3.2	100	150	3.2	B5	P
P	MSP41	041 231 500	A1	4	4	250	250	8.5	3.2	100	150	3.2	B7	P
P	MS/Pen	041 231 500	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B7	P
P	MS/Pen	542 310 000	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B5	P
P	MS/PenA	542 310 000	A1	4	2.5	200	150	9	4	100	150	4	B5	P
P	MS/PenA	041 231 500	A1	4	2.5	200	150	9	4	100	150	4	B7	P
P	MS/PenB	061 231 500	G1	4	1.5	200	100	4.8	2.8	100	100	2.8	B7	P
P	MS/PenT	041 231 500	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B7	P
P	MS/PenT	542 310 000	A1	4	1.5	200	100	4.8	2.8	100	100	2.8	B5	P
P	MSVPen	041 231 500	A1	4	1.5	200	100	4.3	2.2	100	100	2.2	B7	P
P	MSVPenB	061 231 500	G1	4	1.5	200	100	4.3	2.2	200	100	2.2	B7	P
P	MU1	002 300 000	D1	4				60		REC		20mA	B4	R
P	MU2	002 300 000	D1	2				2		D			B4	R
P	MU12	892 300 000		4				60		REC		25mA	B4	RR
P	MU12/14	892 300 000		4 (5)				60		REC		40mA	B4	RR
P	MU14	892 300 000		4				60		REC		40mA	B4	RR
P	MU4250	232 300 000	D1	4				120		REC		30mA	B4	R
P	MVSG	542 310 000	A1	4	1.5	200	75	7.5	2.5	100	75	2.5	B5	P
P	MVSPen	542 310 000	A1	4	2	250	125	5.1	2.3	200	100	2.3	B5	P
P	MX40	645 231 700	G1	4	1	150	75		0.15	150	75	0.6	B7	TH
P					3	250	75	4.5	2.0	250	75	1.4		
P	MZ05-20	642 300 000		6	12	350		45	4.2	100		4	B4	T
P	N14	036 540 200		1.4	7.5	90	90	7	1.5	80	75	1.5	AO8	P
P	N15	026 540 230		1.4	7	90	90	7	1.5	80	75	1.5	AO8	P
P	N16	026 540 230		1.4	4.5	90	90	9.5	2.1	80	90	2.1	AO8	P
P	N17	264 536 200		1.4	7	90	75	7.4	1.5	80	60	1.5	B7G	P
P	N18	364 526 300		1.4	4.5	90	90	9.5	2.1	80	75	2	B7G	P
P	N19	365 024 300		1.4	4.5	90	90	7.7	2	80	75	2	B7G	P
P	N25	365 *24 300		1.4	5.2	90	90	5	1.4	80	75	1.4	B7G	P
P	N30	045 231 600		13	12	250	250	40	0.9	100	150	3.9	B7	P
P	N31	205 331 600	G1	13	4.4	200	175	40	10	100	100	9	B7	P
P	N34	105 231 600	G1	13		250	250	40	10.5	No Data Available			B7	P
P	N37	412 360 500		13	8	200	150	50	10	100	100	9	B7G	P
P	N40	045 231 600		4	3.5	250	250	32	2.9	100	150	2.9	B7	P
P	N41	045 231 600		4	3.5	250	250	32	10	100	150	9	B7	P
P	N42	045 231 600		4	16.5	250	250	34	2.5	100	150	2.5	B7	P
P	N43	005 231 600	G1	4 (5)	4.5	250	250	40	10	100	150	9	B7	P
P	N63	026 540 310		6	16.5	250	250	34	2.5	100	150	2.5	AO8	P
P	N66	026 540 310		6	15	250	250	85	6.3	100	150	6	AO8	P
P	N77	412 360 500		6	12	250	250	20	2.6	100	150	2.6	B7G	P
P	N78	412 360 500		6	5.5	250	250	35	10	100	150	9	B7G	P
P	N108	412 36* 500		40	8	200	150	50	10	100	100	9	B7G	P
P	N118	23* *54 130		40	6	150	150	30	7.5	100	100		B9A	P
P	N119	*41 23* 6*5		45	12.5	200	175	70	10	No Data Available			B9A	P
P	N142	261 054 130		45	9.5	200	175	54.5	9.5	100	100	9	B9A	P
P	N144	412 360 500		6	12	250	250	20	2.6	100	150	2.6	B7G	P
P	N145	261 054 130		40	6.3	200	150	29	7.5	100	100	7	B3A	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
N147	026 540 310		6	6	250	250	36		100	150	8	AO8	P
N148	265 004 130		6	12.5	250	250	45	9.4	100	100	4	B8A	P
N150	251 054 130		6	7	250	250	35	10	100	100	9	B8A	P
N151	261 045 130		6	13.5	250	250	22.5	2.9	100	100	2.9	B8A	P
N152	*41 23* *51	A1	20	28	200	200	40	6	100	100	6	B9A	P
N153	541 231 600		5	2.3	200	175	36	10	100	100	9	B9A	P
N154	*41 23* 6*5		16	14.2	200	200	45	8.2	100	100	7	B9A	P
N155	441 231 615		6	10.8	225	225	26	3.2	150	100	3.2	B9A	P
N308	02* 54* 310	A1	25	9.5	100	100	100	13	No Data Available			AO8	P
N309	541 231 600		15	2.3	200	175	36	10	100	100	9	B9A	P
N329	*41 23* 6*5		16	14.2	200	200	45	8.2	100	100	7	B9A	P
N339	*41 23* *51	A1	21.5	13	150	150	50	8.5	100	100	7	B9A	P
N349	*41 23* *51	A1	20	12	150	150	5	8.5	100	100	7	B9A	P
N359	041 231 551	A1	21.5	28	200	200	40	6	100	100	6	B9A	P
N369	041 23* 6*5		12.6	10.3	200	175	31	8.3	No Data Available			B9A	P
N379	*41 23* 6*5		15		200	175	70	10	No Data Available			B9A	P
N709	*41 23* 6*5		6	7.3	250	250	48	11.3	100	150	10	B9A	P
N727	412 365 400		6	4.5	250	250	45	4.1	100	150	4	B7G	P
NDD40	802 310 000		4						D			B4	D
NEP51	023 110 560	G1	4	3	250	100	8	2.2	100	100		8SC	P
NF2	023 110 560	G1	12.5	2	200	100	3	2.1	100	100	2.1	8SC	P
NF3	023 110 560	G1	12.5	2	200	100	4.5	2.3	100	100	2.3	8SC	P
NG320	002 400 000	D1	2						D			B5	D
NG3020	002 300 000	D1	2				5		D			B4	R
NHP51	023 100 560	G1	4	2.5	250	100	3.5	2	100	100		8SC	P
NIX2	*41 23* *51	A1	21.5	28	200	200	40	6	100	100	6	B9A	P
NLP61	023 104 560		4	7	250	250	4	9	100	100		8SC	P
NLP62	020 314 560		4	14	250	250	72	9	No Data Available			8SC	P
NSS42	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
NSS43	542 310 000	A1	4	2.5	250	100	3.5	2	100	100		B5	P
NSS183	542 310 000	A1	20	2.5	200	100	3.5	2	100	100		B5	P
NT51	023 100 060	G1	4	5	250		6	2.5	100		2.2	8SC	T
NVS4	542 310 000	A1	4	2	200	100	6	1	100	100		B5	P
NW4	642 310 000		4	2.5	200		2.5	1	100		2.2	B5	T
OO	364 200 000		5		40		1	0.6	No Data Available			UX4	T
OOA	364 200 000		5		40		1.5	0.6	No Data Available			UX4	T
O1	364 200 000		5	4.5	90		2.5		80			UX4	T
O1A	364 200 000		5	4.5	90		2.5	0.7	80		0.7	UX4	T
O1AA	364 200 000		5	4.5	90		3.2	0.9	90		0.8	UX4	T
O1B	364 200 000		5	4.5	90		2.5	0.7	90		0.7	UX4	T
O15/400	642 300 000		4	35	400		40	4.5	100		4.5	B4	T
O54V	642 310 000		4		100			4	100			B5	T
O84	642 300 000		4	4	150		4	1.3	100		1.2	B4	T
O202	645 230 000	G1	2	{	150	50	2		100			} B7	O
					150	75	0.95	0.2	100	75	1		
O406	645 231 700	G1	4	{	90	90	2	1	100	90	1.3	} B7	O
					4	250	90	1.6	1	250	90		
O1307	023 154 560	G1	4	1.5	200	90	8	3	200	75	1.6	8SC	P
OBC3	041 896 231		12.5	2	250		1	1.1	150		1.1	AO8	DDT
OBF2	206 571 930	G1	9	2	200	100	6	1.8	100	100	1.7	AO8	DDP
JCH4	217 544 630	G1	15	{	100		3.5		100	60	3.5	} AO3	TH
					2	100	3	0.75	100	100	0.7		
OF1	026 510 310	G1	6.3	3	250	100	8.5	1.8	100	100	1.7	AO3	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		
P415	642 300 000		4	25	150		14	1.5	100		1.5	B4	T
P420	642 300 000		4	85	400		50	6	100		6	B4	T
P421	642 350 000		4	11	200	75	12	1.5	100	75		B5	P
P422	642 350 000		4	20	250	250	22	2.5	100	100		B5	P
P425	642 350 000		4	25	300	200	20	1.7	100	150	1.7	B5	P
P425	642 300 000		4	16.5	150		17	1.9	100			B4	T
P430	264 300 000		4	30	200		25	2.2	100		2.2	UX4	T
P434	032 004 560		4	17	250	250	36	2.5	100	100		8SC	P
P435	642 350 000		4	17	250	250	30	3	100	150	3	B5	P
P440	642 350 000		4	30	400	200	45	5	No Data Available			B5	P
P440N	045 231 600		4	22	250	250	26	2.8	100	150	2.8	B7	P
P440N	642 310 000		4		250	250	20	2.5	100	150	2.8	B5	P
P441N	045 231 600		4	22	250	250	36	2.8	100	150	2.8	B7	P
P455	264 300 000		4	15	250		30	5.5	100		5.5	UX4	T
P455	023 100 650		4	25	250	250	36	2.6	100	150	2.8	8SC	P
P460	642 300 000		4	40	200		50	3.5	100		3.5	B4	T
P520	642 350 000		5	17	200	150	12	1.3	100	100		B5	P
P625	642 300 000		6	26	250		24	2.5	100			B4	T
P469	045 231 600		4	14	250	275	72	8.5	100	150	7	B7	P
P495	045 231 000		4	6	200	200	32		100	100		B7	P
P496	045 231 600		4	6	200	200	32	9.5	100	100	8	B7	P
P625A	642 300 000		6	39	200		25	2.3	100			B4	T
P625B	642 300 000		6	1	200			2.8	200		2.8	B4	T
P626	023 100 560	G1	6.3	32	250	250	26	2.5	100	100		8SC	P
P628	023 100 560	G1	6.3	17	250	250	56	2.5	100	100		8SC	P
P650	642 300 000		6	1	100		37	2.7	100		2.7	B4	T
P861	289 130 000		6				30		REC		15mA	UX5	RR
P1320	023 100 560		13	20	250	250	22	1.9	100	100		8SC	P
P2018	642 310 000		20	15	200		20	4	100		4	B5	T
P2020N	642 310 000	G2	20	18	200	200	20	1.7	100	100	1.7	B5	P
P2060	023 140 560		24	19	200	100	40	3.2	100	90	3	8SC	P
P2460	642 310 000	G2	24	19	200	100	40		100	90		B5	P
P3580	045 231 600		33	8.5	200	200	45	8	100	150	7	B7	P
P4100	642 300 000		4	40	400		30		100			B4	T
PA20	642 300 000		2	36	300		49	5.2	100		5	B4	T
PA1	642 310 000		4	10	200		40	5	100		5	B5	P
PA40	642 300 000		4	90	400		200	10	100		9	B4	T
PAB1	023 110 980		6						0			8SC	DDD
PABC80	191 238 146		9.5	2.3	200		1	1.4	100		1.4	B9A	DDDT
PB1	234 600 000		2	4	150		11.5	3.8	150		3.8	B4	T
PB495	892 300 000		4				30		REC		15mA	B4	RR
PBF2	026 895 310	G1	6	3	250	100	5.8	1.2	100	100	1.2	AO8	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			G9A	T
PC92	602 304 100		3.2	2	250		10	5	100		5	B7G	T
PC93	642 314 600		4.7	4	100		16	8	100		8	B9A	P
PC95	142 360 100		3.6	1.2	200		10	10.5	No Data Available			B7G	T
PC96	412 314 600		3.1	1	200		11.5	6.7	200		6.7	B7G	T
PC97	142 360 100		4.5	1	150		11	13	No Data Available			B7G	T
PC900	412 360 100		4	1	150		12	15	No Data Available			B7G	T
PCC84	147 234 116		7	3.0	90		14	6	100		6	B9A	TT
PCC85	641 237 410		9	2.1	200		10	5.8	150		5.8	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		
PD220	446 230 700		2	1.2	150		0.8	0.9	150		0.9	B7	TT
PD220A	446 230 700		2	3	140		5	1.5	100		1.5	B7	TT
PDD2	264 589 130		6.3	6	250	250	36	9	100	100	8.5	AO8	DDP
PE04-10	023 114 500	A1	12		400	300	27	7.5	No Data Available			8SC	P
PE05-15	023 114 500	A1	12				40	1.5	No Data Available			8SC	P
PE05/25	256 130 000	A1	12.6	80	400	200	70		No Data Available			B5B	P
PE06/40P	123 114 500	A1	6	40	400	300	40	4	No Data Available			8SC	P
PE1-100	245 611 300		12	33	400	250	40	6	No Data Available			B7A	P
Pen4DD	918 236 500	G1	4(5)	6	250	250	36	9.5	100	150	8	B7	DDP
Pen4V	642 310 000	G2	4	10	250	200	35	3	100	150	2.8	5B	P
Pen4VA	642 310 000	G2	4	22	250	250	36	2.8	100	150	2.8	B5	P
Pen4VA	045 231 600		4	20	250	250	36	2.8	100	150	2.8	B7	P
Pen4VB	045 231 600		4	5.8	250	250	36	9.5	100	150	8	B7	P
Pen4VX	642 310 000	G2	4	15	350	200	22	3.5	100	150	3.5	B5	P
Pen13	023 100 560	G1	13	14	200	200	25	2.5	100	100	2.5	8SC	P
Pen13A	023 110 560	G1	33	8.5	200	200	45	8	100	100	6	8SC	P
Pen13C	045 231 600		13	11	250	250	32	6.5	100	150	6	B7	P
Pen20	642 310 000	G2	20	18	200	200	20	1.7	100	150	1.7	B5	P
Pen24	206 540 030		2	3.3	200	125	5	4	100	100	4	MO8	P
Pen25	206 540 030		2	3.6	200	125	5	3	100	100	3	MO8	P
Pen26	023 100 560	G1	24	19	200	100	40	3.1	100	60	3	8SC	P
Pen36A	145 231 600		35	8.5	200	200	45	8	100	150	7	B7	P
Pen36C	045 231 600		33	8.5	200	200	45	8	100	100	7	B7	P
Pen40DD	918 236 500	G1	44	8.5	200	200	45	8	100	100	7	B7	DDP
Pen44	216 540 030		4	11	300	275	70	10.6	100	150	9	MO8	P
Pen45	216 540 030		4	8.5	250	250	49	8.8	100	150	8	MO8	P
Pen45AN	216 540 030		4	8.5	250	250	40	8.8	100	150	8	MO8	P
Pen45DD	216 590 830	G1	4	8.5	250	250	40	8.8	100	100	8	MO3	DDP
Pen46	210 540 030	A1	4(5)	8	300	225	63	8.5	100	100	8	MO3	P
Pen141	206 540 030		1.4	9	90	90	5.5	1.4	80	75	1.4	MO8	P
Pen220	642 350 000		2	4.9	150	150	9	2.2	100	100	2.2	B5	P
Pen220A	642 350 000		2	9	150	150	18	2.2	100	100	2.2	B5	P
Pen230	642 350 000		2	4.5	150	125	6	2.2	150	125	2.2	B5	P
Pen231	642 350 000		2	2.5	150	125	5	4.4	100	100	5	B5	P
Pen383	216 540 030		38	10	200	175	64	10.5	100	100	9	MO8	P
Pen384	216 540 030		38	7	150	125	40	7.8	100	100	12	MO8	P
Pen425	642 350 000		4	25	300	200	20	1.7	100	100	1.7	B5	P
Pen428	045 231 600		4(5)	13.8	250	250	72	8.5	250	200	7	B7	P
Pen453DD	216 590 830	G1	45	10	200	175	64	10.5	100	100	9	MO8	DDP
Pen650	023 114 500	A1	6	24	400	300	30	5	100	150	5	8SC	P
Pen1340	045 231 600		13	8.6	250	250	41	6.4	100	150	6	B7	P
Pen2020	023 100 560	G1	20	19	200	100	40	3.1	100	60	3.1	8SC	P
Pen3520	045 231 600		35	8	200	200	40	7.3	100	100	7	B7	P
Pen3820	045 231 600		38	10	150	175	64	10.5	100	100	9	B7	P
PenA1	642 350 000		4	16.5	250	250	32	3	100	150	3	B5	P
PenA4	045 231 600		4	5.8	250	250	36	9.5	100	150	9	B7	P
PenA4	005 231 600	G1	4	5	250	250	40	9.1	100	100	8	B7	P
PenB1	642 350 000		2	4.5	150	150	8.5	2.5	100	100	2.5	B5	P
PenB4	045 231 600		4(5)	14	250	275	72	8.5	100	150	7	B7	P
PenDD61	869 231 500	G1	6	5.3	250	250	32	8.5	250	200	8	B7	DDP
PenDD1360	968 231 500	G1	13	5.3	250	250	32	8.2	100	100	8	B7	DDP

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					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
	PenDD2530	869 231 500	G1	25	7.8	250	250	43	7.8	100	150	7.8	B7	DDP
	PenDD4020	968 231 500	G1	40	7.7	250	250	43	7.8	100	100	7	B7	DDP
	PenDD4021	968 231 500	G1	45	10	200	175	64	10.5	100	100	12	B7	DDP
	PF9	026 510 310	G1	6	3.5	250	100	7.5	1.7	100	100	1.6	AO8	P
	PF83	501 236 014		4.5	2	60	50	1.9		No Data Available			B9A	P
	PF86	501 236 014		4.5	2	250	150	3	2	100	100		B9A	P
	PF462	041 230 500	A1	2	1	150	150	3	1.9	150	150	1.9	B7	P
	PF472	041 230 500	A1	2	0.5	150	150	2.5	1.7	150	150	1.7	B7	P
	PL11	602 301 450		17.5	10.5	200	200	53	9	100	100		F8	P
	PL33	026 540 310		19	5.3	250	250	32	9	100	150	8	AO8	P
	PL36	*2* 540 310	A1	25	21	200	175	100	11	No Data Available			AO8	P
	PL38	120 540 310	A1	30	5.5	200	200	75	13.5	100	150	10	AO8	P
	PL81	*41 23* *51	A1	21.5	28	200	200	40	6	100	100	6	B9A	P
	PL81A	*41 23* *51	A1	21.5	24.5	150	150	45	6	100	100	7.2	B9A	P
	PL81F	*41 23* *51	A1	21.5	28	200	200	30	6	100	100	6	B9A	P
	PL82	041 230 605		16	14.2	200	200	45	7.6	100	100	7	B9A	P
	PL83	541 231 60*		15	2.3	200	175	36	10	100	100	9	B9A	P
	PL84	*41 23* 6*5		15	12.5	200	175	70	10	100	100	9	B9A	P
	PL136	521 441 450	A1	35	12	100	100	90	19	No Data Available			AO8	P
	PL183	541 231 640		12.6	2.1	150	225	40	25	No Data Available			B9A	P
	PL300	521 441 350	A1	35	22.5	200	150	100	10	No Data Available			B8A	P
	PL302	02* 340*310	A1	25	12	100	100	60	20	100	100	20	AO8	P
	PL500	441 235 51*	A1	27	14	150	150	100	10	No Data Available			B9D	P
	PL502	441 235 510	A1	35	30	200	200	100	2.0	No Data Available			B9D	P
	PL504	441 237 710	A1	27	17.5	175	100	7		No Data Available			B9D	P
	PL505	415 235 141	A1	40	35	150	150	100	10	100	100	8	B9D	P
	PL508	4*5 236 14*		17.0	18	200	200	60	6	100	100	8	B9D	P
	PL820	041 231 551	A1	21.5	22	200	175	45	6.2	100	100	6	B9A	P
	PLL80	546 234 175		12	9	250	250	24	6	100	100		B9A	PP
	PM04	412 365 100		6.3	1.2	250	100	11	4.4	100	100	4	B7G	P
	PM05	412 365 100		6.3	2.3	150	150	7	4.3	100	100	4	B7G	P
	PM07	412 361 500		6.3	2	250	250	10	7.5	100	150	5	B7G	P
	PM1A	642 300 000		2		100		1	1.2	100		1.2	B4	T
	PM1HF	642 300 000		2	3	150		1.5	0.8	100		0.8	B4	T
	PM1HL	642 300 000		2	1.5	150		2.3	1.2	150		1.2	B4	T
	PM1LF	642 300 000		2	6	150		3	0.9	100		0.9	B4	T
	PM2	642 300 000		2	7	100		4	0.9	100		0.9	B4	T
	PM2A	642 300 000		2	6	160		5	2	100		2	B4	T
	PM2B	446 230 700		2	1	150		3	2.5	100		2.5	B7	TT
	PM2BA	446 230 700		2	1	150		3	2.1	100		2.1	B7	TT
	PM2DL	642 300 000		2	4.5	150		2	1.5	100		1.5	B4	T
	PM2DX	642 300 000		2	5	150		2.3	1.1	100		1	B4	T
	PM2HL	642 300 000		2	1.5	150		2.2	1.4	150		1.4	B4	T
	PM3	642 300 000		4		100		2	1.1	100		1	B4	T
	PM4DX	642 300 000		4		100		1.5	2	100		2	B4	T
	PM12	542 300 000	A1	2	0	150	75	4	1.1	100	75	1.1	B4	P
	PM12A	542 300 000	A1	2	1	150	75	2	1.5	100	75	1.5	B4	P
	PM12M	542 300 000	A1	2	1	150	90	1.4	1.4	150	90	1.4	B4	P
	PM12V	542 300 000	A1	2		150	90		0.7	100	90	0.7	B4	P
	PM14	542 300 000	A1	4		150	75	2.7	0.8	100	75	0.8	B4	P
	PM22	642 350 000		2	10	150	150	15	1.3	100	100	1.3	B5	P
	PM22A	642 350 000		2	4.5	150	150	5.6	2.2	100	100	2.2	B5	P
	PM22C	642 350 000		2	16	150	150	23	3	100	100	3	B5	P
	PM22D	642 350 000		2	2.4	150	150	5	3	100	100	3	B5	P
	PM24	642 350 000		4	11	150	150	20	1.7	100	100	1.7	B5	P

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				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V				
PM24	642 310 000	G2	4	11	150	150	20	1.7	100	100	1.7	B5	P		
PM24A	642 350 000		4	22.5	300	200	20		100	100	2	B5	P		
PM24B	642 350 000		4	40	400	300	30		100	100	2.1	B5	P		
PM24C	642 350 000		4	20	400	200		3	100	100		B5	P		
PM24D	642 350 000		4 (5)	35	400	200	50		4	100	100	4	B5	P	
PM24DC	642 350 000		4 (5)	42	300	200	20		1.5	100	100	2	B5	P	
PM24E	642 350 000		4	40	300	300	83		3.9	100	150	3.9	B5	P	
PM24M	642 350 000		4	17	250	250	30		3	100	150	3	B5	P	
PM202	642 300 000		2	14	150		14	3.5	100		2.5	B4	T		
PM252	642 300 000		2	2	150		14		3.7	100			B4	T	
PM254	642 300 000		4	21	200		15			100			B4	T	
PM256	642 300 000		6	27	250		20			100		2.4	B4	T	
PN2	642 350 000		2	7.5	150	150	6			100	100		B5	P	
PP2	642 300 000	G2	2	5	150	150	7	2.1	100	100	2.1	B4	P		
PP2	642 350 000		2	5	150	150	7		2.1	100	100	2.1	B5	P	
PP2S	023 004 560		2	5	150	150	7		2.1	100	100	2.1	8SC	P	
PP3/250	642 300 000		4	37	300		48		5.2	100		6.5	B4	T	
PP4	642 350 000		4	15	250	250	36	3	100	150		B4	P		
PP4S	032 004 560		4	15	250	250	35		3	100	150		8SC	P	
PP4S	642 350 000		4	15	250	250	35		3	100	150		B5	P	
PP5/400	642 300 000		4 (5)	32	400		62		8.2	100		6	B4	T	
PP6AS	023 104 560		6	18	250	250	32		2.8	100	150	2.8	8SC	P	
PP6B	265 413 000		6	6	250	250	36		10	100	150	9	UX6	P	
PP6BG	026 540 310		6	6	250	250	35		10	100	150	9	AO8	P	
PP6BS	026 540 310		6	6	150	250	36		9	100	150	9	AO8	P	
PP6C	026 540 310	6	12	250	200	35		10	100	150	9	AO8	P		
PP6E	045 231 600		6	17	500	275	72	8.5	100	150	8	B7	P		
PP13A	045 231 600		13	12	200	200	40		2.6	100	100	2.5	B7	P	
PP13S	023 100 560		G1	13	14	200	200	25	3.5	100	100	3.5	8SC	P	
PP24	005 231 600	G1	24	19	200	100	40	3	100	75	3	B7	P		
PP24S	023 100 560		24	19	200	100	40		3	100	75	3	8SC	P	
PP34	005 231 600		G1	35	6.5	200	200	45	8.5	100	100	8	B7	P	
PP34S	023 100 560		G1	35	6.5	200	200	45	8.5	100	100	8	8SC	P	
PP35	045 231 600			35	6.5	200	200	45	8.5	100	100	8	B7	P	
PP36	145 231 600	35		6.5	200	200	45		8.5	100	100	8	B7	P	
PP37	005 231 600	G1		35	9.5	200	100	45	8.5	100	75	8	B7	P	
PP60	026 540 310	6		15	250	250	85		6.3	100	150	6.3	AO8	P	
PP215	642 350 000	2		4.5	90	90	8		1.7	100	90	1.7	8SC	P	
PP215S	032 004 560		2	4.5	90	90	8	1.7	100	90	1.7	8SC	P		
PP220	642 300 000		2	12	150		12.5		3	100		3	B4	T	
PP222	642 350 000		2	6	150	150	12		2.5	100	100	2.5	B5	P	
PP225	642 350 000		2	12	150	150	18		2	100	100	2	B5	P	
PP225S	023 004 560		2	12	150	126	18	2	100	100	2	8SC	P		
PP415	642 350 000		4	12	200	200	12		1.8	100	150	1.8	B5	P	
PP416	642 350 000		4	12	200	75	10		2	100	60	2	B5	P	
PP430	642 350 000		4	25	200	200	20		2	100	100	2	B5	P	
PP431	642 350 000		4	20	250	250	22		1.9	100	150	1.9	B5	P	
PP2018	642 310 000		G2	20	18	200	200	20	2.5	100	100	2.5	B5	P	
PP2018	045 231 600			20	18	200	200	20	2.5	100	100	2.5	B7	P	
PP2101	364 520 000			2	3	150	150	7		2.1	100	100	2.1	UX5	P
PP3521	040 231 600			35	25	200		70		6.3	100		6	B7	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
PP4100	642 350 000		4	40	400	300	30	3	100	150	3	B5	P
PP4101	642 350 000		4	14	250	250	36	3.5	100	150	3.5	B5	P
PP4118	160 452 300		40	10	200	175	35	6.5	100	100	6	C7	P
PT	045 231 600		4	6	250	250	32.5	7.5	100	150	2	B7	P
PT2	642 350 000		2	4.5	150	125	5.3	2.6	100	100	7.6	B5	P
PT2	642 300 000	G2	2	4.5	150	150	6.5	2.5	100	100	2	B4	P
PT2A	642 350 000		2	10.5	150	150	18		100	100		B5	P
PT2K	642 350 000		2	4.5	150	150	9.5		100	100	2.5	B5	P
PT4	642 350 000		4	17	250	250	30	3	100	150	2.3	B5	P
PT4	045 231 600		4	6	250	250	36	9.5	100	150	7	B7	P
PT4	216 045 300		4	6	250	250	31	7	100	100		B7	P
PT4D	968 231 500	G1	4	6	250	250	32.5	7.5	100	150	7	B7	DDP
PT5	045 231 600		26	7	250	250	36	9	100	100		B7	P
PT10	045 231 600		3	7.5	250	250	40	9	100	150	8	B7	P
PT12	204 531 102	A1	10	15	250	250	62	6	100	150	6	B9	P
PT15	542 310 000	A1	6	25	300	300	40	2.8	100	100	1.2	B5	P
PT16	642 350 000		4	15	300	300	55	4.8	100	150	4.8	B5	P
PT25	642 350 000		4	22	400	200	62	4	100	100	4	B5	P
PT25H	642 350 000		5	16	400	300	62	6.5	100	150	5	B5	P
PT41	642 350 000		4	12.5	250	200	30	3	100	100	3	B5	P
PT41B	642 350 000		4	40	400	300	30	2.2	100	100	2.2	B5	P
PT225	642 350 000		2	6	150	150	8	2.3	100	100	2.5	B5	P
PT225	642 300 000	G2	2	6	150	150	8	2.3	100	100	2.5	B4	P
PT240	642 350 000		2	9	150	150	16	2.5	100	100	1.6	B5	P
PT250	642 350 000		2	15	250	250	40		100	150		B5	P
PT425	642 350 000		4	7.5	150	150	15	2	100	100	2	B5	P
PTA	045 231 600		13	10	250	250	32	4	100	150	4	B7	P
PTAD	968 231 500	G1	4	6	250	250	7	7	100	150	7	B7	DDP
PTS	005 231 600	G1	26	5.5	250	250	40	6	100	150	6	B7	P
PTS	045 231 600		26	8.2	250	250	32	6	100	150	5	B7	P
PTSA	869 231 500	G1	26	5.5	200	200	40		100	150		B7	DDP
PTSD	968 231 500	G1	26	5	250	200	40	6	100	150	6	B7	DDP
PTT120P	641 237 410		18	1.5	250		10	5.5	100			B8D	TT
PTT122P	641 237 410		18	2	250		10	5.5	100		5	B8D	TT
PTT141	602 441 443		6.3	1.2	150		22	25	No Data Available			B9A	T
PTT202	412 356 010		18	2.2	200	200	8	5.5	100	100		B8D	P
PTT202S	412 356 010		18	2.2	200	200	8	5.5	100	100		B8D	P
PTT203	026 510 310	G1	18	5	200	200	35	8.5	No Data Available			AO8	P
PTT203P	026 500 310	G1	18	5	200	200	35	8.5	100	100		AO8	P
PTT208P	412 356 110		18	4.5	200	200	18	6	100	100		B8D	P
PTT212P	412 356 010		18	1.6	200	200	10.5	8.5	No Data Available			B8D	P
PTT213P	412 356 010		6.3	1.6	200	200	10.5	8.5	No Data Available			B8D	P
PTT214P	412 365 110		6.3	1.8	150	150	12.5	13.5	No Data Available			B8D	P
PTT216	402 106 053		6.3	1.8	150	150	12.5	13.5	No Data Available			B8D	P
PTT217	123 141 516		6.3	1.6	150	150	12.5	16	No Data Available			B9A	P
PTT241P	412 356 *00		6.3	2.9	250	225	34	12.5	No Data Available			B8D	P
PTT243P	421 356 130		6.3	1.5	150	150	26	28	No Data Available			B8D	P
PTT244P	615 141 230		18	1.5	150	150	26	27	No Data Available			B8D	P
PTZ	005 231 600	G1	40	5.5	250	200	40	7.5	100	150	7	B7	P
PV06-20	400 235 100	A1	6	40	200	300	40	4	100	100	4	B7	P
PV06-25	401 235 100	A1	6	40	200	300	40	4	100	100	4	B7	P
PV1-35	401 235 100	A1	12	25	250	200	40	2	100	100	2	B7	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TY
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
PV4	892 300 000		4				60		REC		20mA	B4	RR
PV25	091 231 800		25				60		REC		20mA	B7	RR
PV29	091 231 800		30				60		REC		20mA	B7	RR
PV29S	123 180 090		30				60		REC		20mA	8SC	RR
PV30	091 231 800		30				30		REC		15mA	B7	RR
PV30A	123 180 090		30				30		REC		15mA	8SC	RR
PV30S	123 190 080		30				60		REC		20mA	8SC	RR
PV75/1000	892 300 000		4				30		REC		17mA	B4	RR
PV100/2000	892 300 000		4				60		REC		18mA	B4	RR
PV200/600	892 300 000		4				120		REC		28mA	B4	RR
PV400	802 300 000		4				30		REC		15mA	B4	R
PV430	892 300 030		4				15		REC		9mA	B4	RR
PV475	892 300 000		4				15		REC		11mA	B4	RR
PV480	802 300 000		4				30		REC		16mA	B4	R
PV495	892 300 000		4				30		REC		15mA	B4	RR
PV3018	190 812 300		30				60		REC		20mA	C7	RR
PV4100	892 300 000		4				30		REC		15mA	B4	RR
PV4200	892 300 000		4				60		REC		27mA	B4	RR
PV4201	892 300 000		4				60		REC		27mA	B4	RR
PV4300	892 300 000		4				60		REC		20mA	B4	RR
PVB6	892 310 000		6				60		REC		20mA	B5	RR
PX2	642 300 000		2	22	150		22	1.5	100		1.5	B5	T
PX4	642 300 000		4	43	300		43	6	100		6	B4	T
PX5	642 300 000		4	34	400		62.5	6.5	100		6.5	B4	T
PX25	642 300 000		4 (5)	31	400		40	7.5	100		7	B4	T
PX25A	642 300 000		4 (5)	100	400		62.5	3.7	100		6.5	B4	T
PX41	642 300 000		4	40	250		49	6	100		6	B4	T
PX230	642 300 000		2	15	150		17.5	3.5	100		3.5	B4	T
PX230SW	602 300 000	G1	2	15	150		18	3.5	100		3.5	B4	T
PX240	642 300 000		2	32	200		25	3	100		3	B4	T
PX2100	642 300 000		7.5	30	400		18	1.6	100		1.6	SM4	T
PY31	020 080 310		17				120		REC		70mA	AO8	R
PY32	026 060 310		29				180		REC		70mA	AO8	R
PY33	026 060 310		29				180		REC		70mA	AO8	R
PY71	200 800 030	C	21				120		REC		30mA	B8B	R
PY80	001 230 008		19				180		REC		70mA	B9A	R
PY81	*** 23* **8	C	17				120		REC		40mA	B9A	R
PY82	**1 23* **8		19				180		REC		70mA	B9A	R
PY83	*** 23* **8	C	20				120		REC		70mA	B9A	R
PY88	*** 23* **8	C	26				120		REC		40mA	B9A	R
PY300	028 08* 310		29				180		REC		40mA	AO8	R
PY500	*82 23* 85*		42				100		REC			B9D	R
PY800	*** 23* **6	C	19				120		REC		40mA	B9A	R
PY801	*** 23* **6	C	19				120		REC		40mA	B9A	R
PZ	264 530 000		2.5	16.5	250	250	31	2.5	100	150	2.5	UX5	P
PZ03-3	401 235 000	A1	4	25	300	125	25	1.4	100	100	1.4	B7	P
PZ05-15	401 235 000	A1	4		400	150	40	1.2	100	100	1.2	B7	P
PZ30	029 183 210		26				120		REC		63mA	AO8	RR
PZH	265 413 000		2.5	16.5	250	250	34	2.2	100	150	2.2	UX6	P
QA2400	412 361 500		6	2.5	200	200	3	2.5	100	150	2.5	B7G	P
QA2401	6*2 364 100		6	8.5	250		10.5	2.2	100		2.2	B7G	T
QA2402	412 36* 500		6	13.5	250	250	16	2.6	100	150	2.6	B7G	P

TYPE	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		
	QA2403	412 361 500		6	{ 2.0 1.6	250	250	10.0	7.5	100	150	5.0	} B7G	P
	QA2404	192 310 800		6		200	150	4.0	6.4	100	150	5.0		B7G
	QA2405	241 657 143		6	14	250	150	30	3.9	100	100	3.9	B9G	PP
	QA2406	471 226 413		6	2	250		10	5.5	100		5	B9A	TT
	QA2407	802 309 100		6				30		REC		15mA	B7G	RR
	QA2408	471 461 230		6	8	250		9	2.6	100		2.6	AO8	TT
	QB65	461 471 230		6	8	250		9	2.6	100		2.6	AO8	TT
	QB309	641 227 413		6	2	250		10	5.5	100		5	B9A	TT
	QC05/35	235 242 300	A1	1.6		200	200	100	7	No Data Available			AO8	P
	QD77	182 310 900		6						D			B7G	DD
	QE04-10	265 511 413		6	12	300	150	25	1.9	100	100		B9G	P
	QE05	125 141 300	A1	6		200	200	100	7	No Data Available			AO8	P
	QE06-50	254 130 000	A1	6	14	200	250	83	6.5	100	100		UX5	P
	QL77	6*2 364 100		6	8.5	250		10.5	2.2	100		2	B7G	T
	QN77	412 360 500		6	12.5	250	250	16	2.6	100	150	2.6	B7G	P
	QP21	446 235 700		2	4.5	150	150	11	2.3	100	100	2.3	B7	PP
	QP22A	465 230 574		2	12	150	150	3	4	150	150	4	B9	PP
	QP22B	446 235 700		2	11.7	150	150	3.8		100	100	3.1	B7	PP
	QP25	207 544 630		6	2	150	125	10	3	100	100	3	MO8	PP
	QP230	446 235 700		2	9.6	150	125	4.6	3	100	100	3	B7	PP
	QP240	465 230 574		3	5	150	150	25	4	100	100	4	B9	PP
	QPT2	446 235 700		2	4.5	150	150	11	2.3	100	100	2.3	B7	PP
	QQ03-12	601 235 144		6		300	250	45	7	100	100		B9A	P
	QQCO3/14	412 657 240		3.1		200	200	30	3.2	100	100	3	B9A	PP
	QQCO4-15	263 724 540		6	14	200	200	20	2	100	100		B8B	P
	QQEO2-5	414 226 573		6.3	50	250	200	45	10.5	No Data Available			B9A	PP
	QQEO3-12	414 226 573		6.3	15	200	200	30	3.3	100	100		B9A	PP
	QQEO3-20	245 134 200	A1/A2	6	17	400	200	20	2.5	No Data Available			B7A	PP
	QQEO4-20	245 134 200	A1/A2	6	26	400	250	30	3	No Data Available			B7A	PP
	QQEO6-40	245 134 200	A1/A2	6		400	250	30	3.4	No Data Available			B7A	PP
	QQVO2-5	414 226 573		6.3	2.5	150	150	25	10.5	100	100		B9A	PP
	QQVO3-10	414 226 573		6	10	200	150	30	3.3	100	100		B9A	PP
	QQVO3-20	245 134 200	A1/A2	6.3	17	300	200	20	2.5	100	100		B7A	PP
	QQVO3-20A	245 134 200	A1/A2	6.3	17	300	200	20	2.5	100	100		B7A	PP
	QQVO3-25	345 124 300	A1/A2	6.3	15	400		40	2.5	No Data Available			B7A	PP
	QQVO4-15	245 134 200	A1/A2	6.3	27	400	250	30	3	100	100		B7A	PP
	QQVO4-20	241 531 420	A1/A2	6	23	400	200	25	4	100	100		B7A	PP
	QQVO6-40	245 134 200	A1/A2	6.3		400	250	30	3.4	100	100		B7A	PP
	QQVO6-40A	245 134 200	A1/A2	6.3		400	250	30	3.4	100	100		B7A	PP
	QQVO7-40	245 134 200	A1/A2	6.3		300	250	25	1.9	100	100		B7A	PP
	QQVO7-50	345 124 300		6.3		400	250	100	4.5	No Data Available			B7A	PP
	QQZO3-20	245 1*4 200	A1/A2	1.6		300	250	40	4	No Data Available			B7A	PP
	QQZO4-15	273 624 540		3	10	300	200	20	2	100	100	2	B8B	PP
	QQZO6-40	245 3*4 200	A1/A2	2.1		200	200	30	4.5	100	100		B7A	PP
	Q/U37	023 000 000	D1	1.4						D			B3G	D
	Q/U452	230 000 000	D1	2						D			B3G	D
	Q/U456	328 000 000		6.3						D			B3G	D
	QVO3-12	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
	QVO4-7	265 511 413		6	30	300	250	25	1.9	100	100	1.9	B9G	P
	QVO4-12	601 235 144		6	7.5	250	250	45	7	100	150	7	B9A	P
	QVO4-15	245 134 200	A1/A2	6.3	60	400	250	90		100	100		B7A	PP
	QVO4-20	241 531 420	A1/A2	6	22	400	200	25	4	100	100	4	AO8	PP

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
QVO5-25	254 130 000	A1	6	12.5	300	250	83	6.5	100	150	6	UX5	P
QVO6-20	125 141 310	A1	6	28	200	200	100	7	100	100		AO8	P
QW77	412 361 500		6	2.5	200	200	8	2.5	100	100	2.5	B7G	P
QZO6-20	235 242 300		1.6		200	100	100		No Data Available			AO8	T
QZ77	412 361 500		6	2	250	230	10	7.6	100	100	5	B7G	P
R1	892 300 000		4				30		REC		15mA	B4	RR
R2	892 300 000		4				60		REC		30mA	B4	RR
R3	892 300 000		4(5)				60		REC		50mA	B4	RR
R4	892 300 000		4				60		REC		40mA	B4	RR
R4A	892 300 000		4				60		REC		40mA	B4	RR
R4B	802 300 000		4				60		REC		40mA	B4	R
R10	112 311 100	D1	4				5		D			B7G	R
R11	002 300 000	D1	4				5		D			B4	R
R12	023 000 000	D1	6				0.1		D			B3G	D
R13A	028 090 310		13				30		REC		15mA	AO8	RR
R14	028 193 210		26				120		REC		60mA	AO8	RR
R16	123 000 000	D1	1.4				2		D			B3G	D
R17	**1 23* ***	D1	6				120		REC		40mA	B9A	R
R18	**1 23* ***	D1	6				120		REC		40mA	B9A	R
R19	230 232 032	D1	1.2						D			B9A	D
R20	23* 232 *32	D1	2						D			B9A	R
R41	892 300 000		4				60		REC		20mA	B4	RR
R42	892 300 000		4				60		REC		20mA	B4	RR
R43	892 300 000		4				180		REC		40mA	E4	RR
R52	030 899 020		5				60		REC		AO8	20mA	RR
R80	264 300 000		4	24	250		20	4	100		4	UX4	T
R116	026 540 310	G1	10	2.2	230	200	8		100	100		AO8	P
R120	026 040 310		6.3		250		60	6.4	100			AO8	T
R122N	026 510 310	G1	18		200	200	8	5.5	100	100		AO8	P
R123	026 500 310	G1	18		200	200	35	8.5	100	100		AO8	P
R125C	026 890 310	G1	18	5.5	250		5	2.5	100		3	AO8	DDT
R125N	026 890 310	G1	18		250		5	2.5	100			AO8	DDT
R126F	026 510 310	G1	18		200	200	6	1.7	100	100		AO8	P
R126N	026 510 310	G1	18		200	200	6	1.7	100	100		AO8	P
R128	028 190 310		18						D			AO8	DD
R134	026 541 310		18		200	200	18	6	100	100		AO8	P
R142	412 356 010		6.3		200	200	10.5	8.5	100	100		B3D	P
R143	412 356 010		6.3		200	200	8	5.5	100	100		B3D	P
R144	412 361 500		6.3	2	250	250	10	7.6	100	100		B7G	P
R145	412 356 010		18		200	200	8	5.5	100	100		B8D	P
R147	412 356 110		18		200	200	18	6	100	100		B8D	F
R148	641 237 410		18		250		10	5.5	100		5.5	B3D	TT
R150	123 141 516		6.3	1.6	150	150	12.5	16	No Data Available			B9A	P
R236	026 510 300	G1	1.2	2	100	100	1	0.5	100	100	0.5	AO8	P
R242P	400 123 060		6.3	4.5	150		15	4.3	100		5	B5A	T
R244	402 013 060		6.3		150		13		100			B8D	T
R265	412 360 510		6.3		100	100	7.5	5	100	100	5	B8D	P
R271	412 163 510		6.3	2	150	125	5.2	3.2	100	100		B8D	P
R290	020 080 030		1.2				5		D			AO8	D
R2018	642 310 000		20	2.5	200		2.5	3	100		3	B5	T
R5539	6*2 1*1 413		6.3	1.5	150		25	25	No Data Available			B5D	T
RA	892 310 000		13				30		REC		15mA	B5	RR

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		
RA1	364 200 000		15	4.5	90		4.5	1.2	80		1.2	UX4	T
RB350/80	892 300 000		4				30		REC		15mA	B4	RR
RB500/120	892 300 000		4				60		REC		20mA	B4	RR
RB650/250	892 300 000		4				120		REC		30mA	B4	RR
RC5B	023 008 060	G1	12.6	0	100		24	6	100		6	8SC	DT
RC5C	023 008 060	G1	2.4	0	100		24	6	100		6	8SC	DT
RE034	642 300 000		4	3	200		2	1.2	100		1	B4	T
RE052	642 300 000		2	3	150		1	1	100		1	B4	T
RE054	642 300 000		4	4	150		4	1.3	100		1.3	B4	T
RE062	642 300 000		2	9	150		4	1	100		1	B4	T
RE074	642 200 000		4	9	150		3.5	0.9	100		0.9	B4	
RE074D	642 300 000		4	3	150		3.5	0.5	150		0.5	B5	T
RE074N	642 300 000		4	9	150		3.5	0.9	100		0.9	B4	T
RE076	642 300 000		6	9	150		4	1.5	100		1.4	B4	T
RE084	642 200 000		4	4	150		4	1.5	100		1.5	B4	T
RE114	642 300 000		4	15	150		13	1.3	100		1.3	B4	T
RE122	264 300 000		2	4.5	150		3	1.3	100		1.3	UX4	T
RE122	642 300 000		2	19	150		7	1.2	100		1.2	B4	T
RE124	642 300 000		4	18	150		11	1.6	100		1.6	B4	T
RE134	642 300 000		4	17	250		12	2	100		2	B4	T
RE144	642 300 000		4	9	150		2	0.7	100		0.7	B4	T
RE304	642 300 000		4	32	250		20	1.9	100		2	B4	T
RE402B	064 234 700		2	0	150		3		100			B7	TT
RE404	642 300 000		3.5	125	200			0.6	100		1	B4	T
RE604	642 300 000		4	45	250		40	2.5	100			B4	T
REN704	652 310 000	G1	4		100		2	1.2	100		1.1	B5	P
REN904	642 310 000		4	3.5	200		6	2.4	100		2.4	B5	T
REN914	642 310 000		4	1.5	200		0.2		100			B5	T
REN924	642 310 000	D1	4	3	200		6	2	100		2	B5	DT
REN1004	642 310 000		4		200			1.5	100		1.4	B5	T
REN1104	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
REN1814	642 310 000		20	1.6	200		0.2	1	100		1	B5	T
REN1817D	652 310 000	G1	20		100	100		1.1	100	90	1.1	B5	P
REN1821	642 310 000		20	3	200		6	2.3	100		2.3	B5	T
REN1822	642 310 000		20	18	200		15	1.6	100		1.6	B5	P
REN1826	642 310 000	D1	20	3	200		6	1.8	100		1.8	B5	DT
RENS1204	542 310 000	A1	4	2	200	60	4	1	100	60	1	B5	P
RENS1214	542 310 000	A1	4	2.2	200	100	6	1	100	100		B5	P
RENS1224	164 552 300	G1	4	1.5	200	125	3	0.6	100	100		C7	P
RENS1234	165 452 300	G1	4	2	200	75	3	1.8	100	75	1.8	C7	P
RENS1264	542 310 000	A1	4	2	200	100	3	2	100	100		B5	P
RENS1264B1	542 300 000	A1	4	2	200	100	3	2	100	100		B4	T
RENS1274	542 310 000	A1	4		200	100	3	2	100	100		B5	P
RENS1284	542 310 000	A1	4	2	200	100	3	2.5	100	100		B5	P
RENS1294	542 310 000	A1	4	2	200	100	4.5	2	100	100		B5	P
RENS1374D	642 310 00	G2	4	18	250	250	24	2.5	100	100		B5	P
RENS1384	642 310 000	G2	4	22	250	250	36	2.8	100	150	2.9	B5	P
RENS1818	542 310 000	A1	20	2	200	100	3	2	100	100		B5	P
RENS1819	542 310 000	A1	20		200	60	4	1	100	60		B5	P
RENS1820	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5	P
RENS1823D	642 310 000	G2	20	18	200	200	20	1.7	100	100		B5	P
RENS1884	542 310 000	A1	20	2	200	100	3	2.4	100	100		B5	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
RENS1894	542 310 000	A1	20	2.2	200	100	4	1.8	100	100		B5	P	
RES094	542 300 000	A1	4	2	200	75	4	7	100	75		B5	P	
RES105	642 300 000	G2	5	15	200	150	12	1.3	150	100	1.3	B4	P	
RES164	642 350 000		4	11.5	250	75	12	1.4	100	75		B5	P	
RES174D	642 300 000	G2	4	19	250	150	12	1.3	100	100		B4	P	
RES212	642 350 000		2	4.4	150	125	6	2.2	150	100	2.2	B5	P	
RES354	642 350 000		4	2.5	300	200	20	1.7	100	100		B5	P	
RES374	642 350 000		4	42	300	200	20	1.5	No Data Available			B5	P	
RES664D	642 350 000		4	40	400	200	30	1.9	100	100	1.9	B5	P	
RES964	642 350 000		4	15	250	250	36	2.8	No Data Available			B5	P	
RFG5	003 200 000	D1	6						D			F8	R	
RFP8/14	041 231 500	A1	4	20	400	250	35	4	100	150	4	B7	P	
RFP8/14	542 310 000	A1	4	20	400	250	35	4	100	150	4	B5	P	
RG250/1000	002 300 000	D1	4				120				30mA	B4	R	
RG250/3000	280 300 000		2.5				120				30mA	UX4	R	
RGN354	802 300 000		4				15		D			B4	R	
RGN504	892 300 000		4				15		D			B4	RR	
RGN564	802 300 000		4				30		REC			15mA	B4	RR
RGN1054	892 300 000		4				30		REC			15mA	B4	RR
RGN1064	892 300 000		4				30		REC			15mA	B4	RR
RGN1074	892 300 000		4				60		REC			20mA	B4	RR
RGN1304	802 300 000		4				60		REC			20mA	B4	R
RGN1404	082 300 000		4				120		REC			20mA	B4	R
RGN1503	892 300 000		2.5				30		REC			15mA	B4	RR
RGN2004	892 300 000		4				60		REC			20mA	B4	RR
RGN2504	893 300 000		4				60		REC			20mA	B4	RR
RGN4004	892 300 000		4				120		REC			20mA	B4	RR
RH	061 231 500	G1	4	1.7	250	100	7.9	7	200	100	7.4	B7	P	
RK10	264 300 000		7.5	100	350		50		No Data Available			UX4	T	
RK15	264 300 000		2.5	33	250		22	2.3	100		2.3	UX4	T	
RK16	264 130 000		2.5	28	250		26	2.6	100		2.6	B4	T	
RK19	200 300 000	D1/D2	7.5				120		REC			30mA	UX4	RR
RK21	200 300 000	D1	2.5				120		REC			30mA	UX4	R
RK24	364 200 000		2	13.5	200		8	1.6	100		1.6	UX4	T	
RK39	254 130 000	A1	6	14	300	250	83	6.5	100	150		UX5	P	
RK60	200 300 000	D1/D2	5				120		REC			30mA	UX4	RR
RL2T2	236 400 000		1.9	1.5	100		15	2.4	100		2.4	5AA	T	
RL7	265 114 113		6	1.7	250	250	10	7.7	100	150	7	B9G	P	
RL12P2	265 114 113		12.6	6	150	150	15	2.3	100	100		B9G	P	
RL15A	510 423 206		2.4	20	350	200	57		No Data Available			B9A	P	
RL16	241 600 003		6	2.5	250		10	6.5	100		5	B9G	T	
RL18	123 000 000		6	3.3	200		7.5	2.9	100		2.9	B3G	T	
RL37	244 664 413		6	1.5	250		10	9	100		7	B9G	T	
RO337	892 300 000		2.5				30		REC			15mA	B4	RR
RO423	892 300 000		2.5				30		REC			15mA	B4	RR
RO431	892 300 000		4				60		REC			20mA	B4	RR
RO443	892 300 000		4				60		REC			20mA	B4	RR
RO446	892 300 000		4				30		REC			15mA	B4	RR
RO452	892 300 000		4				60		REC			20mA	B4	RR
RO457	892 300 000		4				60		REC			20mA	B4	RR
RO481	802 300 000		4				120		REC			30mA	B4	R

TYPE	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		
	RO534	892 300 000		5				60		REC		20mA	B4	RR
	RO771	802 300 000		7.5				120		REC		30mA	B4	R
	RRAF	642 300 000		4	2	100		4	1.4	100		2	B4	T
	RRBF	642 300 000		4	2.5	100		10	1.2	100		2	B4	T
	RS	802 310 000		3				60		REC		20mA	B5	R
	RS242	642 300 000		3.8	5	400		70	3	100		3	B4	T
	RS1009	245 134 200	A1/A2	6	25	400	250	30	3.4	100	100		B7A	PP
	RS1019	245 134 200	A1/A2	6	20	400	250	20	2.5	100	100		B7A	PP
	RSAF	542 300 000	A1	4	1	150	75	4.5	1.2	100	75	1.2	B4	T
	RT1-2	642 300 000		4	2.6	150		26	2.5	100		2.5	B4	T
	RT2	642 300 000		4	4	200		18	1.7	150		1.7	B4	T
	RT3	642 300 000		4	2.3	300		15	2.8	100		2.8	B4	T
	RTR4141	026 510 310	G1	5.2	3	250	100	2.5	1.2	100	100		AO8	P
	RTR4142	026 510 310	G1	5.2	8	150	125	15	2.7	100	100		AO8	P
	RTR4341	061 231 500	G1	21	2.2	150	8	8	8	100	125	8	B4	P
	RTR4342	005 231 600	G1	21	5.8	150	125	48	9	100	125	8	B7	P
	RV12P2000	450 612 310		12.6	2.3	200	75	1.8	1.5	100	60		B7	P
	RV120/250	892 300 000		4				60		REC		20mA	B4	RR
	RV120/350	892 300 000		4				60		REC		20mA	B4	RR
	RV120/350S	023 080 090		4				60		REC		30mA	8SC	RR
	RV120/500	892 300 000		4				60		REC		20mA	B4	RR
	RV120/500S	023 080 090		4				60		REC		20mA	8SC	RR
	RV200/600	892 300 000		4				120		REC		30mA	B4	RR
	RV210	042 310 000	A1	4	53	400		70	5.8	No Data Available			B5	T
	RX21	200 030 000	D1	2.5				120		REC		30mA	UX5	R
	RX215	389 200 000		2.5				5		D			UX4	RR
	RZ	023 100 080		20				60		REC		20mA	8SC	R
	S2	542 300 000	A1	2	1	150	60	2.3	1.1	125	60	1.1	B4	P
	S2P20	601 225 413		5	10	150	150	28	4.4	100	100		B9A	P
	S4V	542 310 000	A1	4	1	200	75	1.5	1.1	100	75	1.1	B5	P
	S4VA	542 310 000	A1	4	1.5	200	100	2.8	2	100	100	2	B5	P
	S4VB	542 310 000	A1	4	1.5	200	125	4.6	2.5	100	100	2.5	B5	P
	S6F12	412 361 500		6	2	250	250	10	7.5	100	100		B7G	P
	S6F17	412 361 500		6	5	100	100	12.5	4	100	100		B7G	P
	S6F33	412 361 500		6.3	3.3	200	200	7.1	4	100	100		B7G	P
	S11A	892 300 000		4				30		REC		15mA	B4	RR
	S11D	892 300 000		4				60		REC		20mA	B4	RR
	S11E12	*26 541 310		6.3	20	300	150	90	10	No Data Available			AO8	P
	S12	542 300 000	A1	2	1	100	30	2.5	0.7	No Data Available			SM4	P
	S19G6	*12 3** *00	D1	4				30		REC		15mA	B7G	R
	S19G6F	*12 3** *00	D1	4				30		REC		15mA	B7G	R
	S21	542 300 000	A1	2	1.5	150	75	2	1.1	100	75	1.1	B4	P
	S22	542 300 000	A1	2	1.5	150	75	1.5	1.7	125	75	1.7	B4	P
	S23	542 300 000	A1	2	1.5	150	75	2.8	1.1	150	75	1.1	B4	P
	S24	542 300 000	A1	2	1	150	75	3.2	1.4	150	75	1.4	B4	P
	S30C	642 300 000		4	38	300		50	5	100		5	B4	T
	S30D	642 300 000		2	38	300		50	5	100		5	B4	T
	S207	542 300 000	A1	2	1.5	200	100	3	0.7	100	100	0.7	B4	P
	S208	542 300 000	A1	2		200	100	2	0.8	100	100	0.8	B4	P
	S209	023 010 560	G1	2	0.5	150	125	2.4	0.7	125	125	0.7	8SC	P
	S210	642 300 000	G2	2	1.5	150	90	3	1.2	100	90	1	B4	P

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		
S213	542 300 000	A1	2	0.5	150	90	3	1.3	100	90	1.3	B4	P
S215	542 300 000	A1	1	1	150	90		0.9	100	90	1.5	B4	P
S215A	542 300 000	A1	2	1	150	60	2	1.1	150	60	1.1	B4	P
S215B	542 300 000	A1	2	1	150	60	1.5	1.2	150	60	1.2	B4	P
S215VM	542 300 000	A1	2	1.4	150	60	1	0.8	150	60	1.4	B4	P
S217	041 230 500	A1	2	0.5	150	150	2.5	1.7	150	150	1.7	B7	P
S217	542 300 000	A1	2	0.5	150	150	2.3	1.7	100	150	1.7	B4	P
S218	041 230 500	A1	2	0.5	150	150	3	1.9	100	150	1.8	B7	P
S220	542 300 000	A1	2		150	75	4	1.1	150	75	1.1	B4	P
S310A	265 113 000	G1	10	3	150	150	5.5	1.9	100	100	1.9	UX6	P
S311A	265 130 000	G1	10	15	150	150	30	2.8	100	100	2.8	UX5	P
S328A	265 113 000	G1	7.5	3	150	150	5.5	1.9	100	100	1.9	UX6	P
S329A	265 130 000	G1	7.5	15	150	150	30	2.8	100	100	2.8	UX5	P
S329L	265 113 000	G1	7.5	50	150	125	30	2.8	No Data Available			UX6	P
S406/7	542 300 000	A1	4	2	200	150	1.5	1	100	100	1	B4	P
S408	542 300 000	A1	4	1.5	200	75	4	0.7	100	75		B4	P
S409	542 300 000	A1	4	1.5	200	75	4	8.8	100	75		B4	P
S410	542 300 000	A1	4	1.5	200	75	4	1	100	75		B4	P
S410N	542 310 000	A1	4	2	200	60	4	1	100	60	1	B5	P
S412N	542 310 000	A1	4	1.3	200	100	1.5	1	100	100	1	B5	P
S415N	542 310 000	A1	4	2	200	100	6	1	100	100	1	B5	P
S420	061 231 500	G1	4	3	250	250	11.5		100	200		B7	P
S423	023 110 560	G1	4	3	250	100	8	1.8	250	100	1.9	8SC	P
S424	023 110 560	G1	4	2	250	100	3	2.1	250	100	2.1	8SC	P
S430N	542 310 000	A1	4	1.3	200	100	1.5	0.9	100	100	3	B5	P
S431N	542 310 000	A1	4	1.5	250	100	3	2	100	100		B5	P
S432N	023 110 560	G1	4	3	250	100	2.5	2.2	100	100		8SC	P
S434N	542 310 000	A1	4	2	200	100	4.5	2.3	100	100	2.3	B5	P
S434N	041 231 500	A1	4	1.5	200	100	4.5	2	100	100	2	B7	P
S435N	041 231 500	A1	4	2	200	100	3	2.3	200	200	2.3	B7	P
S435N	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P
S440	061 231 500	G1	4	2.4	250	250	4.1	3.5	100	200	3.4	B7	P
S493	542 310 000	A1	4	2	200	100	4		100	100		B5	P
S495	542 310 000	A1	4	2	200	100	6	2.5	100	100	2.5	B4	P
S617	023 110 560	G1	6.3	3	250	100	2.5	2.2	100	100		8SC	P
S620	023 110 560	G1	6.3	2.5	250	100	3.5	2	100	100		8SC	P
S629	023 110 560	G1	6.3	2.5	250	100	3.5	2	100	100		8SC	P
S1323	061 231 500	G1	13	3	200	100	8	1.9	100	100	1.9	B7	P
S1323	023 110 560	G1	13	3	200	100	8	1.9	100	100	1.9	8SC	P
S1324	061 231 500	G1	13	2	200	100	3	2.4	100	100	2.3	B7	P
S1327	023 110 560	G1	13	2.5	250	100	3.5	2	100	100		8SC	P
S1328	023 110 560	G1	13	2	200	100	3	2.4	100	100	2.3	8SC	P
S2010N	542 310 000	A1	20	2	200	60	4	1	100	60	1	B5	P
S2012N	542 310 000	A1	20	2	200	60	4	1	150	60	1	B5	P
S2018	041 231 500	A1	20	3	200	60	4	1.2	100	60	1.2	B7	P
S2018	542 310 000	A1	20	3	200	60	4	1.2	100	60	1.2	B5	P
S2030N	542 310 000	A1	20	2	200	100	3	2	150	100	2	B5	P
S2035N	542 310 000	A1	20	2.5	250	100	3.5	2	100	100		B5	P
S2043	542 310 000	A1	20	2.5	250	100	5	2	100	100		B5	P
S4020A	254 300 000		2	1	150		1.3	0.6	100		0.6	UX4	T
S4020B	642 300 000		2	1	150		1.3	0.6	100		0.6	UX4	T
S4021A	264 300 000		4	8	150		20	3	100		3	UX4	T

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Anode Volts	Screen Volts	mA/V		
S4021B	642 300 000		4	8	150		20	3	100		3	B4	T
S4022AR	236 400 000		4	4.5	150		5	2.2	100		2.2	UX4	T
S4022B	642 300 000		4	4.5	150		5	2.2	100		2.2	B4	T
S4045A	642 350 000		5	70	250	75	45	1.5	100	60	1.5	B5	P
SD	892 310 000		5						D			B5	DD
SD2	642 300 000		2	1.5	150		2.2	1.4	150		1.4	B4	T
SD6	*82 310 *00		6				5		D		6mA	B7G	R
SD61	123 000 000	D1	6				5		D			B3G	D
SD917A	402 013 060		6.3	3.6	100		1.4	2.7	100		2.7	B8A	T
SE211	542 300 000	A1	2	1	150	75	1	1.5	150	75	1.5	B4	P
SE211C	542 300 000	A1	2	1	150	75	1	1.5	150	75	1.5	B4	P
SE2018	542 310 000	A1	20	3	200	60	4	1.2	100	60	1.2	B5	P
SE2118	542 310 000	A1	20	24	200	100	3	3	100	60	3	B5	P
SG2	542 300 000	A1	2		150	75	2.5	1	100	75	1	B4	P
SG215	542 300 000	A1	2	1.5	150	75	2.7	1	100	60	1	B4	P
SG215VM	542 300 000	A1	2	1.5	150	75		1.5	125	80	1.4	B4	P
SG220SV	652 300 000	G1	2	1.5	150	75	2.4	1.5	150	75	1.5	B4	P
SG2150	542 300 000	A1	2	1.5	150	75	1.5	1.1	125	60	1.1	B4	P
SGA1	542 310 000	A1	4		200	100	6	3	100	100	3	B5	P
SN954	082 813 080		6.3				30		REC		15mA	B8A	R
SN956B	023 880 000		1.2						D			B3G	D
SN1007	412 163 510		6.3	0.8	100	100	5.3	3.2	100	100	5.3	B9A	P
SN1039A	412 365 100		6.3	1.4	100	100	7	5.1	100	100	5	B7G	P
SO1	264 300 000		15	40.5	200		21	1.5	100		1.5	UX4	T
SO2	264 300 000		7.4	88	400		55	2.1	100		2.1	UX4	T
SO401	002 300 000	A	4		400			2	No Data Available			B4	T
SP2	041 230 500	A1	2		150	150	3	1.8	150	150	1.8	B7	P
SP2B	061 230 500	G1	2	1	150	150	2.6	0.8	150	150	0.8	B7	P
SP2BS	032 004 560		2	0.5	150	150	2.6	0.8	150	150	0.8	8SC	P
SP2D	061 230 500	G1	2	1	150	150	1.4	1.7	150	150	1.7	B7	P
SP2D	542 300 000	A1	2	1	150	125	1.5	1.7	125	100	1.7	B4	P
SP2V	041 230 500	A1	2		150	75	2.9	1.1	100	75	1	B7	P
SP4(TUNG)	061 231 500	G1	4	2	200	100	3	2.3	100	100	2.3	B7	P
SP4(MUL)	041 231 500	A1	4	2	200	100	3	2.3	100	100	2	B7	P
SP4	542 310 000	A1	4	2	200	100	3	2.3	100	100	2.3	B5	P
SP4A	041 231 500	A1	4	2	250	100	3	2.4	100	100	2.4	B7	P
SP4B	061 231 500	G1	4	2.4	250	250	4	3.4	100	100	3.4	B7	P
SP4C	023 110 560	G1	4	2.4	250	250	4	3.4	100	100	3.4	8SC	P
SP4S	023 110 560	G1	4	2	250	100	3	2.5	100	150	2.5	8SC	P
SP6	412 361 500		6	2	250	250	10	7.5	100	PenLF	5	B7G	P
SP6S	023 110 560	G1	6	1.4	200	150	4	6.4	100	PenLF	5		
SP6S	023 110 560	G1	6	2	250	100	3	2	100	100	2	8SC	P
SP13	061 231 500	A1	13	2	200	100	3.3	2.2	100	100	2.2	B7	P
SP13	023 110 560	G1	13	2	200	100	3.3	2.2	100	100	2.2	8SC	P
SP13C	061 231 500	G1	13	2.2	200	200	2.5	2.8	100	150	2.8	B7	P
SP13S	023 110 560	G1	13	2	150	100	3	2.4	100	100	2.4	8SC	P
SP20	542 310 000	A1	20		200	100	4.5	3.5	100	100	3.5	B5	P
SP22	206 510 030	G1	2	1	150	125	1.1	1.2	125	100	1.2	MO8	P
SP35	023 110 560	G1	35	8	200	200	41	7	100	150	7	8SC	P
SP41	216 510 030	G1	4	1.5	200	200	10.9	8.5	100	150	8	MO8	P
SP42	216 510 030	G1	4	1.3	200	125	20	8.4	100	100	8	MO8	P
SP61	216 510 030	G1	6	1.5	200	200	10.9	8.5	100	150	8	MO8	P
SP62	216 510 030	G1	6	1.3	200	100	16	9	200	100	8	MO8	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
SP65	023 110 560	G1	6	2	250	100	3	2.1	100	100	2.1	8SC	P
SP141	206 500 030	G1	1.4	1	90	90	1.3	0.8	80	90	0.8	MO7	P
SP181	216 510 030	G1	18	1.5	200	200	10.9	8.5	100	150	8	MO8	P
SP210	041 230 500	A1	2	1	125	125	1.1	1.2	125	100	1.2	B7	P
SP215	041 230 500	A1	2	1.5	150	80	2.1	1.6	100	75	1.6	B7	P
SP220	642 300 030		2	12	150		14	3	100		3	B4	T
SP514	402 106 053		6.3	1.7	150	150	12.3	13.5	No Data Available			B9A	P
SP804E	211 043 000	A	6.3	15	400	40	4		No Data Available			UX6	T
SP804F	211 043 000	A	6.3	15	400		40	4	No Data Available			UX6	T
SP1320	041 231 500	A1	13	1.5	150	100	4.4	2	100	100	2	B7	P
SP2220	041 231 500	A1	22	3	250	200	4.9	2.7	100	150	2.6	B7	P
SPT2	041 230 500	A1	2	1	125	125	2.8	1.5	125	100	1.5	B7	P
SPT4A	041 231 500	A1	4	1.5	250	100	2	2.3	200	100	2.3	B7	P
SPTA	041 231 500	A1	13	2.5	200	100	2.2	1.4	100	100		B7	P
SPTA	061 231 400	G1	13	2.5	250	100	2.2	1.4	100	100		B7	T
SPTS	041 231 500	A1	13	1.5	250	100	2	3	100	100	3	B7	P
SR2	642 300 000		2	16	200		10	3	100		3	B4	T
SR4	642 310 000		4	20	250		20	4	100		4	B5	T
SRS4451	245 134 200	A1/A2	6	25	400	250	30	3.4	No Data Available			B7A	PP
SS210	542 300 000	A1	2	1	150	75	0.6	1.4	150	75	1.4	B4	P
SS210C	542 300 000	A1	2	1	150	175	0.6	1.4	150	75	1.4	B4	P
SS210D	642 300 000		2	4.5	150		2	1.6	100		1.6	B4	T
SS210DDT	682 390 000	G1	2	5.5	150		2.4	1.4	100		1.4	B5	DDT
SS210HF	642 300 000		2	4	150		1	0.8	100		0.8	B4	T
SS210HL	642 300 000		2	1.5	150		21.4	12.5			1.4	B4	T
SS220P	642 300 000		2	12	150		6	1.5	100		1.5	B4	T
SS220PA	642 300 000		2	6	150		8	3.5	100		3.5	B4	T
SS220SP	642 300 000		2	12	150		14	3.5	100		3.5	B4	T
SS240SP	642 300 000		2	12	150		15	3.5	100		3.5	B4	T
SS2018	542 310 000	A1	20	3	200	100	3	3	100	90	3	B5	P
ST507	602 441 443		6.3	1.2	150		23	25	No Data Available			B9A	T
SU25	*2* 0** 3*0	D1	2						D			AO8	D
SU42	030 000 020	D1	4						D			AO8	R
SU45	112 311 100	D1	4				30		REC			B7G	R
SU61	023 000 000	D1	6				0.35		D			B3G	D
SU2130	002 300 000	D1	2						D			B4	R
SU2150	002 300 000	D1	2(2.5)				2		D			B4	R
SU2150A	002 300 000	D1	2(2.5)				5		D			B4	RR
SU3130	002 300 000	D1	2						D			B4	D
SW1	802 300 000		4				30		REC			B4	R
SWG2	652 300 000	G1	2		150	75		1.5	100	75	1.5	B4	P
T2	642 300 000		2	1	100			1	100		1	B4	T
T2MO5	672 344 100		6	0	100		8.5	5.3	100		5.3	B7G	TT
				3	150		5	4.5	100		5.3		
T4D	123 000 000	D1	4				5		D			B3G	D
T5D	123 000 000	D1	6				5		D			B3G	D
T6D	213 000 000	D1	6.3				5		D			B3G	R
T13U	023 100 060	G1	13	4	200		5.9	2.6	100		2.6	8SC	T
T41	216 040 030		4		100		30	2kΩ	No Data Available			MO8	THY
T113	642 300 000	G2	3	3	12	12	0.2	0.2	No Data Available			B4	P
T116	642 300 000	G2	1.2	3	12	12	0.2	0.2	No Data Available			B4	P
T134	542 300 000	A1	4	1	150	75	5	1.3	100	75		B4	P
T136	642 300 000		4	8	200		6	1.6	100		1.6	B4	T

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE-TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
T151	642 300 000	G2	4	15	200	150	12	1.8	100	100		B4	P
T204	023 004 060		2	1	150		1.8	0.6	125		0.6	8SC	T
T223	023 004 060		2	2	125		3	2.5	100		2.5	8SC	T
T435	023 100 060	G1	4	5	250		6	2.5	100		2.4	8SC	T
T460	023 004 060		4	45	250		60	6	100		6	8SC	T
T635	023 100 060	G1	6.3	16	250		20	2.2	100		3	8SC	T
T1335	023 100 060	G1	13	4.5	225		6	2.5	100		2.4	8SC	T
TB13	802 310 000		13						D			B5	D
TBO32	642 300 000		2	30	150		12	1.5	100		1.5	B4	T
TBO52	642 300 000		2	15	150		7	1.2	100		1.2	B4	T
TBO62	642 300 000		2	10.5	150		13	2	100		2	B4	T
TB102	642 300 000		2	4	150		5	1.3	100		1.2	B4	T
TB122	642 300 000		2	4.5	150		6	3.5	100		3.5	B4	T
TB172	642 300 000		2	4.5	150		4	1.4	100		1.4	B4	T
TB282	642 300 000		2	1.5	150		2	1.3	125		1.3	B4	T
TB4J2	446 230 700		4		150		6		150			B7	TT
TB452	542 300 000	A1	2		150	75	2	1.5	150	75	1.5	B4	P
TB552	542 300 000	A1	2		150	75	4	1.5	150	75	1.5	B4	P
TB622	542 300 000	A1	2		150	90	2	1.4	100	90	1.4	B4	P
TB9920	642 310 000		20	1.5	200		0.2	4	150		4	B5	T
TBC14	809 231 600	G1	4	7	250		4	2	100		2	B7	DDT
TBC113	809 231 600	G1	13	5	200		4	3.6	100		3.6	B7	DDT
TC05-25	642 300 000		4		400		65	2.2	No Data Available			B4	T
TC432	642 350 000		2	4.5	150	150	9.5	2.5	100	100	2.5	B5	P
TC432	642 300 000	G2	2	4.5	150	150	9.5	2.5	100	100	2.5	B4	P
TDO5-12	*21 010 310	A1/G1	6		150		10	4	100			AO8	T
TDO44	642 300 000		4	40	250		40	3	100		3	B4	T
TD2	642 300 000		2	7	150		4	0.9	100		0.9	B4	T
TDD1C	023 189 060		13	5	200		4	2	100		2	B7	DDT
TDD2	682 390 000	G1	2	5.5	150		2.5	1.4	100		1.4	B5	DDT
TDD2A	682 390 000	G1	2	1.5	150		2	1.2	125		1.2	B5	DDT
TDD4	908 231 600	G1	4	7	250		4	2	100		2	B7	DDT
TDD13	023 189 060	G1	13	1	100			2.9	100		2.9	8SC	DDT
TDD13C	809 231 600	G1	13	5	200		4	2	100		2	B7	DDT
TDD25	809 231 600	G1	25	1	100		4	2	100		2	B7	DDT
TE2	028 090 310		26				30		REC		15mA	AO8	RR
TE3	028 090 310		12				30		REC		15mA	AO8	RR
TE5	028 090 310		6.3				30		REC		15mA	AO8	RR
TE094	642 310 000		4	16	200		12	1.3	100		1.3	B5	T
TE104	642 300 000		4	26	400		61	4	100		4	B4	T
TE244	642 310 000		4	3.5	200		6	2.4	150		2.4	B5	T
TE384	642 310 000		4	2	200		3	1.5	150		1.5	B5	T
TE424	542 310 000	A1	4		200	100	3	2	100	100	2	B5	P
TE434	642 350 000		4	14	250	250	36		100	150		B5	P
TE464	041 231 500	A1	4		200	100	3	2.5	100	100	2.5	B7	P
TE474	041 231 500	A1	4	1.5	200	100	4.5	2	100	100	2	B7	P
TE534	642 310 000	G2	4	15	250	250	24		100	150		B5	P
TE564	041 231 500	A1	4	1.5	200	100	4.5	2.2	100	100	3.2	B7	P
TE634	045 231 600		4	22	250	250	36		100	100		B7	P
TE994	642 310 000		4	1.6	250		4	4	200		4	B5	T
TF64	061 231 500	G1	4	2.7	250	250	11	2	200	150	2	B7	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
TF104	642 300 000		4	36	400		61	4	100		4	B4	T
TH1	276 454 300		6.3	4	100		4		100	60		B8B	TH
TH2	645 230 700	G1	2	1.5	150	150	0.95	1.2	100	60	1.2	B7	TH
TH4	645 231 700	G1	4	1.5	250	75	4	1.2	125	60	0.7	B7	TH
TH4A	645 231 700	G1	4	2	150		6	1.2	150	60	1.2	B7	TH
TH4B	645 231 700	G1	4	2	200	100	3.5	2.0	200	75	3.0	B7	TH
TH4C	645 231 700	G1	4	4.6	100		5		125	60	6	B7	TH
TH4D	645 231 700	G1	4	2	250	100	3.5		200	100	3.0	B7	TH
TH4E	645 231 700	G1	4	3	100		9	3.8	100	60	5.5	B7	TH
TH4F	645 231 700	G1	4	2.5	250	100	3.25		200	100	3.5	B7	TH
TH13C	645 231 700	G1	13	2	150		6	1.2	100	60	1.2	B7	TH
TH21C	645 231 700	G1	21	1.5	250	75	4.0	1.8	200	75	3.6	B7	TH
TH21D	645 231 700	G1	21	2	150		6	1.2	100	60	1.2	B7	TH
TH21E	645 231 700	G1	21	1.5	250	75	4	1.8	100	75	3.0	B7	TH
TH22C	645 231 700	G1	29	2	150		5	6	100	60	5	B7	TH
TH22D	645 231 700	G1	29	2	250	100	3.5		200	75	3.0	B7	TH
TH29	645 231 700	G1	29	2	100		12.0	4.5	100	60	5	B7	TH
TH30	645 231 700	G1	30	2	100		9.5	5.5	100	60	5.5	B7	TH
TH30C	645 231 700	G1	29	2	150		3		100	60		B7	TH
TH30D	645 231 700	G1	29	2.5	250	100	3.5		100	100		B7	TH
TH31	217 640 530	G1	4	3	100		10.2	4	100	60	5.3	MO3	TH
TH41	217 640 530	G1	4	3	250	100	3	3	100	90	3	MO8	TH
TH41C	217 640 530	G1	4	3	100		10.2	4	100	60	5.3	MO8	TH
TH41D	217 640 530	G1	4	3	250	100	3	3.1	100	100	3.1	MO8	TH
TH62	027 546 310	G1	6	2	100		4.4	2.4	100	60	2.2	AO8	TH
TH62C	027 546 310	G1	6	2	250	100	3		200	100	1.2	AO8	TH
TH232	645 231 700		23	3	75		4.5		100	60		B7	TH
TH233	217 640 530	G1	23	2	150	100	14	2.1	100	60	4	MO8	TH
TH401	174 652 300	G1	4	2	100		2.6	3	100	90	3	C7	TH
TH401C	174 652 300	G1	4	2	150		11	2	100	60	2	C7	TH
TH401D	174 652 300	G1	4	2	75	75	2.5		80	75		C7	TH
TH2320	645 231 700	G1	23	3	100		4.5	5.3	100	60	5.3	B7	TH
TH2321	645 231 700	G1	23	3	150	100	3		100	100	3.8	B7	TH
TH2321C	645 231 700	G1	23	2	100		4	5.2	100	60	5.3	B7	TH
TH2321D	645 231 700	G1	23	2	150	100	2.6	3	100	100	3	B7	TH
TH2620	645 231 700	G1	26	1	100			5.3	100	60	5.3	B7	TH
TH2620C	645 231 700	G1	26	1	250	100		3.9	250	100	3.8	B7	TH
ØTMO5	672 344 100		6	0.8	100		8.5	5.3	100		5.3	B7G	TT
TM12	412 344 600		6.3	3	150		5	4.5	100		5.3	B7G	T
TP4	571 231 640	G1	4	3	150		1.5	1.4	100	60	1.4	B9	TP
TP22	571 230 640	G1	2	5	250	200	5.5	1.6	200	150	1.5	B9	TP
TP22C	571 230 640	G1	2	1	100		0.8	1.2	100	60	1.4	B9	TP
TP22D	571 230 640	G1	2	1	150	60	1.2	1	150	60	1.3	B9	TP
TP23	645 230 700	G1	2	1	100		4.5	2.1	100	60	2.1	B7	TP
TP23C	645 230 700	G1	2	1.5	150	60	1	1	125	60	1.2	B7	TP
TP25	207 640 530	G1	2	1	100		3.7	1.5	100	60	1.7	MO8	TP
TP26	207 640 530	G1	2	1.5	150	60	1	1	125	60	1	MO8	TP
TP26C	207 640 530	G1	2	1	150		2.2	1.5	125	60	1.3	MO8	TP
TP26D	207 640 530	G1	2	1	150	75	1.5	1.5	125	75	1.5	MO8	TP
TP230	561 230 740	G1	2	1	100		20	1.1	100	60	1.1	B9	TP
TP443	642 350 000		4	22	150	75	4.3	1.3	150	75	1.3	B5	P
TP443C	642 350 000		4	22	250	250	36	5	100	150	5	B5	P

TYPE

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vt	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
T	TP1340	571 231 640	G1	13	6	200		2	1.4	150	60	1.4	B9	TP
TH	TP2620	571 231 640	G1	26		250	250	6.5	2.1	100	100			
TH	TS49	261 504 130		20	4	250	200	1.5	1.4	100	60	1.4	B9	TP
TH	TS51	412 365 100		6	2.3	150	150	6.5	3.4	100	150	3.4		
TH	ØTS52	672 344 100		6	0.8	100		7	4.3	100	100	4	B8B	P
					3	150		8.5	5.3	100		5.3	B7G	P
								5	4.5	100		5.3	B7G	TT
	TS53	541 236 **1		18	1.8	200	100	15	10	100	100	8	B9A	P
TH	TS54	541 236 **1		6.3	1.7	200	125	10	9	100	100	8	B9A	P
TH	TSE4	061 231 500	G1	4	2.5	250	150	8	14.5	100	100		B7	P
TH	TSP4	061 231 500	G1	4	2.5	200	200	8	4.7	100	150	4.7	B7	P
TH	TT2	222 833 390		4.4						D			AO8	DD
TH	TT4	642 310 000		4	16	250		20	3.2	100		3.2	B5	T
TH	TT4A	642 310 000		4	9	250		20	4.1	100		4.1	B5	T
TH	TT11	020 450 310	A1	6	11	250	150	30	3.5	100	100	3.5	AO8	P
TH	TT12	204 531 102	A1	19	13	250	250	72	6	100	100	6	B9G	P
TH	TT14	204 051 103	A1	6	13	250	250	72	6	100	100	6	B9G	P
TH	TT15	241 657 143		6	14	250	150	30	3.9	100	100	3.9	B9G	PP
TH	TT19	241 657 143		19	16.5	250	150	30	3.9	100	100	3.9	B9G	PP
TH	TT20	245 134 200	A1/A2	6	17	400	200	20	2.5	100	100		B7A	PP
TH	TT21	020 540 310	A1	6.3	30	300	300	80	7	No Data Available			AO8	P
TH	TT22	020 540 310	A1	12.6	30	300	300	80	7	No Data Available			AO8	P
TH	TT23	414 226 573		6.3		150	150	25	10.5	100	100		B9A	PP
TH	TT24	414 226 573		6.3		250	200	30	3.3	100	100		B9A	PP
TH	TT25	245 617 342	A1/A2	6.3		400	250	30	3.4	No Data Available			B7A	PP
TH	TT210	023 074 460		2		150		1.5		80			8SC	TT
TH	TVO3-10	442 310 000	A1/A2	6	17	300		17	3.2	100		3	B5	TT
TH	TW1	802 310 000		20				60		REC		20mA	B5	R
TH	TW2	892 310 000		30				60		REC		20mA	B5	RR
TH	TX4	645 231 700	G1	4	5	150		9	1.5	150	60		B7	TH
TH	TX21	645 231 700	G1	21		1.5	300	90	5.5	2.5	200	90		
TH	TX41	645 231 700	G1	4	2	150		15	2.5	100	60	1.5	B7	TH
TH	TY86F	23* 232 *32	D1	7.5	1.5	250	90	5.5	3.8	200	75	3		
TH	TZ40	204 300 000	A1	7.5	2.5	250	100	3.2		100	60	5	B7	TH
TT	U4C	642 300 000		4						D			B9A	R
T	U4E	642 300 000		4	1	100			0.4	100		0.4	UX4	T
T	U4F	642 300 000		4										
TP	U5	892 300 000		5				15		REC		15mA	B4	RR
TP	U8	892 300 000		7.5				60		REC		20mA	B4	RR
TP	UP	892 300 000		4				30		REC		15mA	B4	RR
TP	U10	892 300 000		4				30		REC		15mA	B4	RR
TP	U12	892 300 000		4 (5)				60		REC		20mA	B4	RR
TP	U12/14	892 300 000		4 (5)				60		REC		30mA	B4	RR
TP	U14	892 300 000		4				60		REC		20mA	B4	RR
TP	U15	802 300 000		6				120		REC		30mA	B4	R
TP	U16	002 300 000	D1	2				5		REC		5mA	B4	R
TP	U17	002 300 000	D1	5				30		REC		15mA	B4	R
P	U18	892 300 000		4 (5)				120		REC		30mA	B4	RR
	U18/20	892 300 000		4 (5)				120		REC		30mA	B4	RR

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
U19	002 300 000	D1	4 (5)				120		REC	40mA	B4	R	
U19/23	002 300 000	D1	4				120		REC	30mA	B4	R	
U20	892 300 000		4 (5)				60		REC	20mA	B4	RR	
U21	002 300 000	D1	2				5		REC	5mA	B4	R	
U22	200 000 030	D1	2 (3)				5		D		MO8	R	
U22FH	200 000 030	D1	2						D		MO8	D	
U23	002 300 000	D1	4 (5)				120		REC	30mA	B4	R	
U24	030 000 200	D1	2				1		REC	2mA	AO8	R	
U25	023 000 000	D1	2				120		D		B3G	D	
U26	391 221 800		13				60		REC	20mA	B7	RR	
U26	231 232 132	D1	2				0.2		D		B9A	D	
U27	002 300 000	D1	4				30		REC	15mA	B4	R	
U29	002 300 000	D1	2				5		D	30mA	B5	R	
U30	391 221 800		13				60		REC	30mA	B7	RR	
U30/250	802 300 000		4				30		REC	15mA	B4	R	
U31	020 080 310		26				120		REC	50mA	AO8	R	
U33	002 300 000	D1	2				2		D		B4	R	
U35	020 000 030	D1	1.4				2		D		AO8	R	
U37	023 000 000	D1	1.4				0.5		D		B2G	D	
U41	*2* 0*0 3*0	D1	1.2				1		D		AO8	D	
U43	023 000 000	D1	6				0.5		D		B2G	D	
U45	230 000 000	D1	6				0.35		D		B3G	R	
U47	230 000 000	D1	2				0.1		D		B3G	R	
U49	230 232 032	D1	2				0.2		D		B9A	D	
U50	020 908 030		5 (5.7)				60		REC	30mA	AO8	RR	
U51	030 908 020		5				120		REC	30mA	AO8	RR	
U52	030 908 020		5 (5.7)				120		REC	30mA	AO8	RR	
U52IT	008 090 230		5 (5.7)				120		REC	30mA	AO3	RR	
U54	030 908 020		5 (5.7)				120		REC	30mA	AO8	RR	
U60	*2* *** 3*0	D1	6.3						D		AO8	D	
U60/500	892 300 000		4				60		REC	20mA	B4	R	
U65/550	802 300 000		7.5				60		REC	20mA	B4	R	
U70	028 090 310		6				30		REC	30mA	AO8	RR	
U71	020 080 310		30				60		REC	50mA	AO8	R	
U74	020 080 310		30				120		REC	30mA	AO8	R	
U76	020 080 310		30				120		REC	60mA	AO8	R	
U77	*20 809 020		5				180		REC	40mA	AO8	RR	
U78	802 309 100		6				30		REC	30mA	B7G	RR	
U81	009 008 230		6				60		REC	20mA	B8B	RR	
U82	209 008 130		6				30		REC	30mA	B8B	RR	
U84	009 **8 230		4				30		REC	15mA	B8B	RR	
U101	280 008 130		50				120		REC	30mA	B8B	R	
U107	281 008 300		40				60		REC	20mA	B7G	R	
U118	280 *** 130		40				60		REC	25mA	B9A	R	
U119	**1 23* **8		38				120		REC	30mA	B9A	R	
U120/500	892 300 000		2				120		REC	30mA	B4	R	
U134	028 190 310		13				60		REC	20mA	AO8	RR	
U142	280 000 130		31				60		REC	20mA	B8A	R	
U143	020 908 030		4				30		REC	15mA	AO8	RR	
U145	280 000 130		40				60		REC	60mA	B8A	R	
U147	028 090 310		6				30		REC	30mA	AO8	RR	
U149	209 008 130		6				30		REC	15mA	B8B	RR	
U150	280 009 130		6				30		REC	40mA	B8A	RR	

TYPE	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		
	U151	023 000 000	D1	6				0.35		D			B3G	D
	U152	001 230 008		19				120		REC		70mA	B9A	R
	U153	*** 23* **8	C	17				120		REC		60mA	B9A	R
	U154	**1 23* **8		19				120		REC		70mA	B9A	RR
	U191	0** 080 230	C1	19				120		REC		30mA	AO8	R
	U192	**1 23* **6		19				120		REC		40mA	B9A	R
	U193	*** 23* **6	C1	19				120		REC		30mA	B9A	R
	U201	020 080 310		20				60		REC		60mA	AO8	R
	U251	*** 23* **8	C	25				120		REC		30mA	B9A	R
	U281	020 080 310		28				120		REC		80mA	AO8	R
	U282	001 000 230	D1	28				120		REC		36mA	AO8	R
	U291	028 08* 310		29				180		REC		40mA	AO8	R
	U301	0** 080 230	C	30				120		REC		35	AO8	R
	U309	**1 23* **8		20				120		REC		70mA	B9A	R
	U319	**1 23* **8		20				120		REC		70mA	B9A	R
	U329	*** 23* **8	C	25				120		REC		60mA	B9A	R
	U339	0** 080 230		19				120		REC		35mA	AO8	R
	U381	**1 23* **8		38				120		REC		30mA	B9A	R
	U403	201 080 030		40				120		REC		70mA	MO8	R
	U404	280 *** 130		40				60		REC		60mA	B8A	R
	U415	642 300 000		4	10.5	150		5	1.4	100		1.4	B4	T
	U418	642 300 000		4	13	150		10	1.6	100		1.6	B4	T
	U650	802 300 000		6				30		REC		15mA	B4	R
	U709	8*1 23* 9**		6				60		REC		20mA	B9A	RR
	U718	29* **8 130		6.3				60		REC		25mA	B8A	RR
	U801	128 899 310		80				120		REC		30mA	AO8	RR
	U2140P	391 221 800		13				60		REC		20mA	B7	RR
	U4020	802 310 000		40				120		REC		70mA	B5	RR
	UA55	625 414 537		55	6	90	90	36	7	80	90		B9A	PP
	UAA11	023 189 100		22				5		D			8SC	DD
	UAA91	182 310 900		19				5		D			B7G	RR
	UAA171	120 813 090		25				5		D			B8B	DD
	UABC80	+81 239 146		28	1	100		0.8	1.4	100		1.4	B9A	DDDT
	UAF21	265 814 130		20	2	250	100	6	2.8	100	100		B8A	DP
	UAF41	268 154 130		13	2	200	90	5	2	100	100	1.9	B8A	DP
	UAF42	268 154 130		13	2	200	90	5	2	100	100	1.9	B8A	DP
	UB41	201 908 130		19				5		D		6mA	B8A	RR
	UB91	182 310 900		19						D			B7G	DD
	UBC1	206 081 930	G1	13	1.7	200		3	2	150		2	AO8	DDT
	UBC41	264 098 130		14	1.6	200		1.5	1.6	100		1.6	B8A	DDT
	UBC81	641 238 09*		14	1.5	200		1.5	1.6	100		1.4	B9A	DDT
	UBF2	206 581 930	G1	12.5	2	250	100	5	1.8	100	150	1.8	AO8	DDP
	UBF11	892 351 450		20	2	200	75	5	1.8	200	75	1.8	F8	DDP
	UBF15	892 361 450		27	2	250	100	12	5	200	100	5	F8	DDP
	UBF80	541 236 891		17	2	200	125	5	2.2	100	100	2	B9A	DDP
	UBF89	541 236 891		19	2	200	100	9	3.8	100	100	3.5	B9A	DDP
	UBF171	892 541 360		20	3.2	250	75	6	1.8	100	75		B8B	DDP
	UBL1	206 581 930	G1	55	11.5	200	200	55	8.5	100	100	8	AO8	DDP
	UBL21	264 598 130		55	13	200	200	55	8	100	100	7	B8B	DDP
	UBL3	023 189 560	G1	55	6	100	100	29	7.5	100	90	7	8SC	DDP
	UBL71	264 589 130		55	5.2	250	250	44	9.5	100	100	0.7	B8B	DDP

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		
UC88	414 234 464		12		150		12.5	14	No Data Available			B9A	T
UC92	602 304 100		9.5	1	200		11.5	6.4	200		6.4	B7G	T
UC95	142 360 100		10.8	1.2	200		10	10.5	No Data Available			B7G	T
UC96	412 314 600		9.3	1	200		11.5	6.7	100		6	B7G	T
UCC84	147 234 116		21	1.5	90		12	6	100		6	B9A	TT
UCC85	641 237 410		26	2.1	200		10	5.8	100		5	B9A	TT
UCC88	641 237 410		21	1.2	90		15	12.5	No Data Available			B9A	TT
UCC89	146 234 117		21.6	1.2	90		15	12	80			B9A	TT
UCC189	641 237 410		21	1.2	90		15	12.5	No Data Available			B9A	TT
UCF12	642 371 450		20	{ 1	100			3	100	60	3	} F8	TP
				{ 2	200	100	5	2	200	100	2		
UCF80	645 237 114		27	{ 2	100		14	5	100	60	5	} B9A	TP
				{ 2	200	175	10	6.2	100	150	6		
UCH4	217 544 630	G1	20	{ 2	100		6	3	80	60	3.2	} AO8	TH
				{ 2	200	100	5.2	2.2	100	100	2.2		
UCH5	123 644 570	G1	20	{ 2	100		6.3	2.7	100	60	2.2	} 8SC	TH
				{ 2	250	100	6.5	2.6	100	152	.6		
UCH11	642 371 450		20	{ 2	100		5	2.4	100	60	1.8	} F8	TH
				{ 2	250	100	4.7	2.5	200	100	2.5		
UCH21	276 454 131		20	{ 7	100		6.4	2.2	100	60	3.2	} B8B	TH
				{ 2	200	90	5.2	2.2	100	90	2.2		
UCH41	276 454 130		14	{ 2	100		6.4	2.2	100	60	2.8	} B8A	TH
				{ 2	200	90	2.7	1.7	100	75	1.5		
UCH42	276 454 130		14	{ 2	100		5	2	100	60	2	} B8A	TH
				{ 2	200	75	8	2.2	100	75	2		
UCH43	276 454 130		14	{ 2	100		5	2	100	60	2	} B8A	TH
				{ 2	200	75	8	2.2	100	75	2		
UCH71	276 454 131		20	{ 2	100		16.4	2.2	100	60	3.2	} B8B	TH
				{ 2	200	90	5.2	2.2	100	90	2.2		
UCH80	541 23* 764		14.5	{ 2	75		5.1		75	60		} B9A	TP
				{ 2	250	85	3		100	80			
UCH81	541 237 164		19	{ 3	100		5	2.3	100	60	3.7	} B9A	TH
				{ 2.6	200	125	7.6	2.4	100	100	2.4		
UCH717	642 544 370		20	{ 2.5	200	100	2	0.7	100	100		} B8B	TH
				{ 2	200		2	2.1	150	60	2		
UCL11	452 371 460		60	{ 8.5	200	200	45	9	100	100	7	} F8	TP
				{ 1.9	150		1.3	1.6	100	60	1.2		
UCL81	451 237 614		39	{ 7	200	200	30	8.7	100	100		} B9A	TP
				{ 7	200		30	8.7	100	100			
UCL82	414 237 516		50	{ 1	200		3.7	2.5	100	60	2.5	} B9A	TP
				{ 16	200	200	35	6.4	100	100	6.8		
UCL83	641 137 154		40	{ 1.5	200		2.4	2.5	150	60	2	} B9A	TP
				{ 9.5	200	175	30	5.5	100	100	5		
UCL84	461 237 145		45	{ 1.7	200		3	4	100	60	4	} B9A	TP
				{ 2.1	200	175	18		100	100			
UCL86	415 237 146		44	{ 1.7	250		1.2	1.6	100	60	1.6	} B9A	TP
				{ 7	250	250	35	10	100	100			
UD2	642 300 000		2	{ 12	150		14	2.5	100		2.5	B4	T
UDDL71	023 189 560	G1	44	{ 10	200	200	60	9	100	100		8SC	DDP
UDH	803 310 000		20	{ 60			60		REC		20mA	B5	R
UDP12	023 180 560	G1	40	{ 10	200	200	60	9	No Data Available			8SC	DP
UDP13	026 580 310	G1	40	{ 10	200	200	60	9	No Data Available			AO8	DP
UDT1	023 189 060	G1	15	{ 3	200		10.3	3	150		3	8SC	DDT
UE1	023 100 030		25				60		REC		20mA	8SC	R

TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 100					DATA FOR AVO VALVE TESTER			BASE	TYPE
					Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
	UE2	123 180 090		50				60			REC		8SC	RR
	UE13	020 080 310		25				60			REC	20mA	AO8	R
	UE100	208 0*0 130		50							REC		AO8	R
	UEL11	452 371 560	G	48	{ 6	100	30	2.4	1.6	100	60	1.6	F8	PP
						200	200	22	5	100	100			
	UF5	023 110 560	G1	12.5	2.5	100	100	3.2	2.2	100	100	2.2	8SC	P
	UF6	023 110 560	G1	12.5	20	100	100	3	1.8	100	100	1.8	8SC	P
	UF8	206 511 130	G1	12	2	200		6	1.6	100	100		B3B	P
	UF9	206 501 130	G1	12.5	2.5	200	100	6	2.2	100	100	2.2	AO8	P
	UF10	023 110 560	G1	12.5	2.4	200	100	5.5	2.4	100	100	2.3	8SC	P
	UF11	602 301 450		15	2	200	75	6	2.2	100	100	2	F8	P
	UF14	612 350 140		25	5	200	200	12	7	100	100	7	F8	P
	UF15	612 301 450		25	2	200	100	12	5.5	100	100	5.5	F8	P
	UF21	285 104 130		12.5	2.5	200	100	6	2.2	100	100	2.2	B3B	P
	UF41	26* *54 130		12.5	3	200	125	7.2	2.3	100	150	2.3	B8A	P
	UF42	260 154 130		21	2	200	175	10	6.5	100	150	8	B8A	P
	UF43	260 154 130		21	2	200	125	15	6.3	100	100		B8A	P
	UF80	141 230 651		19	2	200	170	10	7.4	100	100	7	B9A	P
	UF81	541 236 000		12.6	2.5	250	125	6	2.2	100	100		B9A	P
	UF85	141 231 651		19	2	200	100	9.7	5.9	200	200	6	B9A	P
	UF86	501 236 014		12.6	2	200	150	3	1.8	100	100	1.8	B9A	P
	UF89	041 230 651		12.6	2	200	100	9	3.8	175	100	4.4	B9A	P
	UF172	112 540 360		20	2	200	100	4.5	3	100	100		B3B	P
	UF174	112 540 360		30	3	200	150	12	8	100	100		B3B	P
	UF175	112 540 360		30	2	200	75	10	5.7	100	75		B3B	P
	UF183	141 230 651		18.9	2	200	90	12	12.5	No Data Available			B9A	P
	UF184	141 230 651		18.9	2.5	200	200	10	15	No Data Available			B9A	P
	UH3	023 110 560		13	3	250	100	8	2.2	100	100		8SC	P
	UH4	893 200 000		4				5		D			B5	RR
	UHP51	023 110 560		13	2.5	250	100	3.5	2	100	100		8SC	P
	UHP52	023 110 560		13	2.5	250	100	3.5	2	100	100		8SC	P
	UL1	206 540 130		60	11.5	200	200	55	8.5	100	150	8	AO8	P
	UL2	023 104 560		35	5	200	200	20	7	100	150	6	8SC	P
	UL11	602 301 450		45	14	200	200	45	9	100	100		F8	P
	UL12	602 301 450		60	8	200	125	75	12	No Data Available			F8	P
	UL21	265 004 130		45	13	200	200	55	8	100	150	7	B3B	P
	UL22	265 004 130		46	10	200	175	61	9	100	100	8	B3B	P
	UL41	26* *54 130		45	9	200	175	54	9.5	100	100	7	B3A	P
	UL43	260 154 130		50	2.6	250	250	36	10	100	100		B3A	P
	UL44	200 154 130	A1	45	13.5	200	175	28.5	7	100	100	6.5	B8A	P
	UL46	261 054 130		45	9	200	175	54	9.5	100	100	7	B8A	P
	UL71	264 500 130		45	5.2	200	200	22	6.5	100	100		B3B	P
	UL84	*41 23* 6*5		45	12.5	200	175	70	10	100	100	9	B9A	P
	UL171	102 541 360		55	8.5	200	200	45	9	100	100		B8D	P
	ULL80	546 234 175		25		250	250	24		100	100		B9A	PP
	ULP	642 310 000		13	20	250		27	4	100		4	B5	T
	ULP51	623 145 000		40	17	250	250	36	2.5	100	100		8SC	P
	ULP61	023 100 560	G1	33	8	200	200	55	9	100	100		8SC	P
	UN955	213 460 000		6.3	7	250		6.3	2.2	100		2	5AA	T
	UP2	023 140 560		25	19	200	100	40	3	100	75	3	8SC	P
	UP6	023 100 560	G1	35	8	200	200	55	9	100	100		8SC	P
	UP13	026 540 310		35	8	200	200	55	9	100	100		AO8	P

VALVE	SELECTOR SWITCH No.	T.C.	VI	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BAS
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V	
UP13	040 231 500	A1	13	1	200	100		3	200	100	3	B7
UP35U	023 100 560	G1	35	8	200	200	55	9	100	100		8SC
UPX	642 310 000		25	34	250		38	7	100		7	B5
UQ80	541 236 114		12	1	250	20	0.9	7	No Data Available			B3A
UR1	023 100 080		20				60		REC		60mA	8SC
UR1C	802 310 000		20				60		REC		60mA	B5
UR2	123 180 090		30				60		REC		70mA	8SC
UR3	123 180 090		30				60		REC		65mA	8SC
UR3C	091 231 800		30				60		REC		65mA	B7
UT2	023 100 060	G1	15	5	100		6	3	100		3	8SC
UTH4	423 164 570	G1	17	2.5	100		4	2	100	60	2	8SC
					200	90	3	0.8	100	90		
UTH12	423 164 570	G1	17	2.5	100		4	2	100	60	2	8SC
					250	30	3	0.7	No Data Available			
UU2	892 230 000		4				30		REC		15mA	B4
UU3	892 300 000		4				30		REC		30mA	B4
UU4	892 300 000		4				60		REC		35mA	B4
UU5	892 300 000		4(5)				60		REC		20mA	B4
UU6	208 090 030		4				60		REC		40mA	MO3
UU7	209 090 030		4				60		REC		20mA	MO3
UU8	208 090 030		4				120		REC		50mA	MO8
UU9	290 008 130		6				30		REC		15mA	B8A
UU10	892 300 000		4				60		REC		20mA	B4
UU12	8*1 23* 9**		6				60		REC		25mA	B9A
UU30/250	892 300 000		4				15		REC		10mA	B4
UU60/250	892 300 000		4				30		REC		15mA	B4
UU120/250	892 300 000		4				60		REC		20mA	B4
UU120/350	892 300 000		4				60		REC		20mA	B4
UU120/500	892 300 000		4				60		REC		20mA	B4
UVG51	123 190 080		30				60		REC		20mA	8SC
UY1	388 028 120		50				120		REC		30mA	A08
UY1(N)	388 028 120		50				120		REC		30mA	A08
UYINS	3*8 02* 120		50				120		REC		30mA	A08
UY2	023 180 000		26				30		REC		15mA	F3
UY3	023 100 080		50				120		REC		30mA	8SC
UY4	023 100 080		35				30		REC		15mA	8SC
UY11	802 300 100		50				120		REC		50mA	F8
UY21	280 80* 130		50				120		REC		70mA	B3B
UY22	280 80 130		26				60		REC		20mA	B3B
UY31	020 080 310		50				120		REC		30mA	A08
UY41	280 000 130		31				60		REC		60mA	B8A
UY42	280 *0* 130		31				60		REC		50mA	B3A
UY82	**1 23* **8		55				180		REC		35mA	B9A
UY85	**1 23* **8		33				120		REC		60mA	B9A
UY89	1*1 23* **8		31				60		REC		20mA	B9A
UY91	812 330 800		26				60		REC		20mA	B7G
UY92	**2 38* 100		26				60		REC		20mA	B7G
V2M70	802 309 100		6.3				30		REC		15mA	B7G
V20	802 310 000		20				60		REC		20mA	B5
V20/7000	002 300 000	D1	4				15		REC		10mA	B4
V20S	023 100 080		20				60		REC		20mA	8SC
V22/7000	000 010 100	D1	6.3				5		D			B2B

BASE	TYPE	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			
B7	P	V25	081 231 900		25				60		REC		20mA	B7	RR	
5SC	P	V30	802 310 000		30				120		REC		50mA	B5	R	
E5	T	V30/1	002 300 000	D1	2						D			B4	D	
B9A	P	V41	*8* *9 230		4				30		REC		15mA	B8B	RR	
5SC	R	V51	280 009 130		5				30		REC		15mA	B8A	RR	
E5	R	V61	28* *9 130		6.3				30		REC		15mA	B8A	RR	
5SC	RR	V99	263 400 000		3	4.5	90		2.5	0.4	80		0.4	UX4	T	
5SC	RR	V226	041 230 500	A1	6	5	400	250	14	3	100	150	3	B7	P	
B7	RR	V245	041 240 500	A1	3		250	250	16	5	100	150	5	B7	P	
5SC	T	V248A	200 540 030	A1	2	10	150	150	32	5.2	100	100	5	MO8	P	
5SC	TH	V311	28* *** 130		31				60		REC		20mA	B8A	R	
5SC	TH	V312	602 310 000	G1	4	4.8	250		6	2.3	100		2.3	B5	T	
5SC	TH	V339	000 231 600	G1	4		250			1.7	100		1.7	B7	T	
B4	RR	V453	216 510 030	G1	4	1.8	250	100	4.5	2	100	100	2	MO8	P	
B4	RR	V503	642 300 000		4	85	400		100	4.5	100		4.5	B4	T	
B4	RR	V872	216 510 030	G1	6	4	200	200	6.7	3.4	100	150	3.3	MO8	P	
B4	RR	V884	412 361 500		6.3	2.5	250	200	8	2.5	100	150	2.5	B7G	P	
B4	RR	V914	892 310 000		4						D			B5	DD	
VO3	RR	V960	002 300 000	D1	4				60		REC		20mA	B4	R	
VO3	RR	V1120	045 231 000	A1	6	9.8	200	200	40	8.7	100	100	7	B7	P	
VO8	RR	V1120B	040 231 500	A1	4(5)	9.8	200	200	40	8.7	100	100	7	B7	P	
B4	RR	V1906	002 300 000	D1	4(5)				60		REC		20mA	B4	R	
B4	RR	V1907	002 300 000	D1	4				60		REC		20mA	B4	R	
B4	RR	V1928	112 311 100	D1	4				5		D			B7G	R	
B4	RR	V2018	002 300 000	D1	20				30		REC		15mA	B4	R	
B4	RR	V2118	802 310 000		20				60		REC		20mA	B5	R	
B4	RR	V4200	802 300 000		4				120		REC		30mA	B4	R	
B4	RR	VBF11	892 361 450		35	2	200	75	5	1.9	100	80	1.9	F8	DD P	
5SC	RR	VC1	023 189 060	G1	55	2	200		6	3	100		3	8SC	DDT	
408	R	VCH11	642 371 450		40	2.5	100		4	2	100	60	2	F8	TH	
402	R	VCL11	452 371 460		90		0.5	100	90	3	0.7	100	90			
403	R	VDS	542 310 000	A1	16		4.5	200	200	12	2.4	100	60			2.4
5C	R	VDSB	542 310 000	A1	16	1	200	75	5	3	100	75	3	B5	P	
5C	R	VEG51	023 100 080		20				60		REC		20mA	8SC	R	
B	RR	VEL11	452 371 560		90	6	100	30	2.4	1.6	100	100		F8	PP	
B	RR	VP3	023 110 560	G1	55		2.5	200	200	22	5	100	100			
5B	R	VF7	023 110 560	G1	55	2.5	250	100	3.5	2	100	150	6	8SC	P	
5B	R	VF14	612 340 140		60	4.5	250	250	12	7	100	100		F8	P	
A	R	VG406	892 300 000		4				30		REC		15mA	B4	RR	
A	R	VG410	892 300 000		4				30		REC		15mA	B4	RR	
A	R	VG411	892 300 000		4				60		REC		20mA	B4	RR	
A	R	VG420	892 300 000		4				60		REC		20mA	B4	RR	
A	R	VG421	892 300 000		4				60		REC		20mA	B4	RR	
5G	R	VG2503	892 300 000		4				30		REC		15mA	B4	RR	
5G	R	VG2908	892 300 000		2.5				30		REC		15mA	B4	RR	
5G	RP	VG3008	892 300 000		4				30		REC		15mA	B4	RR	
5G	R	VG3016	892 300 000		4				60		REC		20mA	B4	RR	
5G	R	VG3630	892 300 000		4				120		REC		20mA	B4	RR	
5C	R	VG5006	892 300 000		4				60		REC		20mA	B4	RR	
5B	D	VG5007	023 080 090		4				60		REC		20mA	8SC	RR	

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYP	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
VG5107	802 300 090		4				60			REC		20mA	F8	RR
VH2	812 380 100		6				5			D			B7G	D
VH3	142 364 100		6	4.5	150		13	5		100		5	B7G	T
VH5	412 365 100		6	2	200	125	7.7	5.1	100	100			B7G	P
VHP13	041 231 500	A1	13	1.5	200	100	4	2	100	100	4		B7	P
VHT2	645 230 600	G1	2		150	75			100	75			B4	H
VHT2A	645 230 600	G1	2		150	50			100	60			B7	H
VHT4	545 231 600	G1	4	3	200	100	3.6		100	100			B7	H
VHTA	123 164 550	G1	13	1.5	250	100	3.2		100	100			8SC	H
VHTA	545 231 600	G1	13	1.5	200	100	3.2		100	100			B7	H
VHTS	645 231 500	G1	13	3	200	100	2.6		100	100			B7	H
VL1	023 100 560	G1	55	14	200	200	25	2.2	100	100			8SC	P
VL4	023 100 560	G1	110	8.5	200	200	45	8	100	100			8SC	P
VLS61	002 300 000	D1	2				3		D				B4	R
VM1	2** 00* 300	D1	1.4						D				B7G	D
VM4V	542 310 000	A1	4	1	200	80	14	2.4	200	75	2.4		B5	P
VMP4	041 231 500	A1	4	2	250	100	3	3.5	150	100	3.6		B7	P
VMP4	542 310 000	A1	4	1	250	100	5	3.5	200	100	3.5		B5	P
VMP4G	041 231 500	A1	4	2	250	100	8	2.7	100	100	2.7		B7	P
VMS4	542 310 000	A1	4	1	200	80	11	2.1	200	75	2.4		B5	P
VMS4B	542 310 000	A1	4	1	200	80	5.2	2.4	200	75	2.9		B5	P
VO2	645 320 600	G1	2		150	90	1.8		150	90			B7	O
VO2S	023 064 560	G1	2		150	50	2		No Data Available			8SC	O	
VO4	645 231 500	G1	4	1.5	250	75	1.6		100	75			B7	O
VO4S	023 154 560	G1	4	1.5	250	75	1.6		100	75			8SC	O
VO6	123 164 560	G1	6	3	100	100	4.6		100	100			8SC	O
VO13	645 231 500	G1	13	1.5	250	75	1.6		100	75			B7	O
VO13S	123 154 560	G1	13	1.5	250	75	1.6		100	75			8SC	O
VO133	023 164 570	G1	13	{ 1	100		1	1.2	100	60	1.2	} B7	TH	
				1	200	75		1.7	200	80	1.7			
VP2	041 230 500	A1	2	1	150	150	3	1.5	150	150	1.5		B7	P
VP2B	061 230 500	G1	2	1.5	150	150	1.6	0.7	80	90	0.5		B7	P
VP2B	065 231 500	G1	2	1.5	150	60	2	1.4	100	60	1.4		B7	H
VP2B	032 004 560		2	15	150	150	2.5	0.7	150	150	0.6		8SC	P
VP2BS	032 010 560	G1	2	1	150	150	2.5	0.7	150	150	0.6		8SC	P
VP2D	061 230 500	G1	2	1.5	150	75	1.3	2	150	75	2		B7	P
VP4	542 310 000	A1	4	2	200	100	4.5	2.3	100	100	2.4		B5	P
VP4	041 231 500	A1	4	2	200	100	4.5	2.3	100	100	2.3		B7	P
VP4A	041 231 500	A1	4	2	200	100	4.3	2.5	100	100	2.5		B7	P
VP4B	061 231 500	G1	4	3	250	250	11.5	2	100	100	1.8		B7	P
VP4C	041 231 500	A1	4	2	250	250	11.5	4	100	150	4		B7	P
VP4S	023 110 560	G1	4	2	250	100	8	1.8	100	90	1.8		8SC	P
VP4S	061 231 500	G1	4	3	250	100	8	1.8	100	90	1.8		B7	P
VP6	412 361 500		6	2.5	250	200	8	2.1	100	150	2.1		B7G	P
VP6	061 231 500	G1	6	3	250	100	7.5	1.7	200	100	1.7		B7	P
VP6S	023 110 560	G1	6	3	250	100	7.5	1.8	200	100	.7		8SC	P
VP12D	026 985 310	G1	13	3	250	125	9	1.1	100	100	1.1		A03	DDP
VP13	041 231 500	A1	13	1.5	200	100	6.3	3	100	100	3		B7	P
VP13	061 231 500	G1	13	3	200	100	8	2.8	100	100	2.8		B7	P
VP13A	023 110 560	G1	13	2	200	100	4	2.2	100	100	2.2		8SC	P
VP13B	061 231 500	G1	13	2	200	200	9	2.2	200	200	2.2		B7	P

BASE	TYPE	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		
G	RR	VP13C	061 231 500	G1	13	2	200	200	9	2.2	200	200	2.2	B7	P
	D	VP13K	061 231 500	G1	13	3	200	100	8	2	100	100	2	B7	P
	T	VP13S	061 231 500	G1	13	3	200	100	8	2.8	100	100	2.8	B7	P
G	P	VP13S	023 110 560	G1	13	3	200	100	8	2.8	100	100	2.8	8SC	P
	P	VP20	542 310 000	A1	20	2	200	100	4	2.2	200	100	2.2	B5	P
	H	VP21	041 230 500	A1	2	1	150	60	1.8	1.1	150	60	1.1	B7	P
	H	VP22	206 510 030	G1	2	1.5	150	60	1.2	0.8	100	60	0.8	MO8	P
	H	VP23	206 510 030	G1	2	1.5	150	60	1.4	1	100	60	1	MO8	P
C	H	VP41	216 510 030	G1	4	2.7	250	250	7.7	2	100	150	2	MO8	P
	H	VP41	061 231 500	G1	4	3.3	250	250	11	2	100	200	3.1	B7	P
	H	VP133	216 510 000	G1	13	2.7	150	150	8	2.1	150	100	2.1	MO8	P
	P	VP210	041 230 500	A1	2	1.5	150	60	1.1	0.8	100	60	0.8	B7	P
	P	VP210	542 300 000	A1	2	1.5	150	60	1.1	0.8	125	60	0.8	B4	P
C	P	VP215	542 300 000	A1	2	1.5	150	75	2	0.7	150	75	1.3	B4	P
	D	VP215	041 230 500	A1	2	1.5	150	75	2	0.7	150	75	1.3	B7	P
	P	VP215B	061 230 500	G1	2	1.5	150	125	1.5	1	125	100	1.2	B7	P
	P	VP215C	041 230 500	A1	2	1.5	150	125	1.5	1	125	100	1.2	B7	P
	P	VP1320	041 231 500	A1	13	2.7	250	100	5	2	100	100	2	B7	P
C	P	VP1321	041 231 500	A1	13	2.8	200	200	7.4	2	150	150	2	B7	P
	P	VP1322	061 231 500	G1	13	2.8	250	200	7.4	2	100	100	2	B7	P
	P	VPT2	542 300 000	A1	2	1.5	150	60	1.5	1.1	125	60	1.1	B4	P
	O	VPT2	041 230 500	A1	2	1.5	150	60	1.5	1.1	125	60	1.1	B7	P
	P	VPT4	542 310 000	A1	4	3	250	100	5.5	2	100	90	2	B5	P
C	O	VPT4	041 231 500	A1	4	3	250	100	5.5	2	100	90	2	B7	P
	O	VPT4B	041 231 500	A1	4	3	250	100	6	3.2	100	90	3.2	B7	P
	O	VPTA	041 231 500	A1	13	2	250	100	4.2	2.9	100	100	2.9	B7	P
	O	VPTS	041 231 500	A1	13	3	200	100	5.5	2.6	100	90	2.6	B7	P
	O	VPU1	060 231 500	G1	13	1	250	200		3.5	100	100		B7	P
C	O	VS2	542 300 000	A1	2	2.5	150	60	2	1.2	100	60	1.4	B4	P
	TH	VS24	542 300 000	A1	2	1	150	75	2.8	1.5	150	75	1.5	B4	P
	P	VS24K	542 300 000	A1	2	1	150	75	2.8	1.5	150	75	1.5	B4	P
	P	VS210	542 300 000	A1	2	2.5	150	60	2	1.4	100	60	1.4	B4	P
	P	VS215	542 300 000	A1	2	1	150	75	6	0.7	150	75	1	B4	P
C	P	VSGA1	542 310 000	A1	4	1.5	200	100	7	6.1	100	100	6	B5	P
	P	VT1	642 310 000		4	5	200		5	2	100		2	B5	T
	P	VT2	642 310 000		4	2	200		3	1.9	150		1.9	B5	T
	P	VT121	264 310 000		6.3	7	250		6.3	2.2	100		1.0	5AA	T
	P	VTP4	542 310 000	A1	4	3	200	100	5.5	2	100	100	2	B5	P
	P	VX2	061 235 500	G1	2	1	150	60	1	0.5	150	60		B7	H
	P	VX2S	023 015 560	G1	2	1	150	60	1	0.5	150	60		8SC	H
	P	VX4	515 231 600	G1	4	2	250	75	1.8	0.5	100	75		B7	H
	P	VX4S	023 115 560	G1	4	2	250	75	1.8	0.5	100	75		8SC	H
	P	VX6S	023 115 560	G1	6	3	250	100	1.9	4	100	100	4	8SC	P
C	P	VX13	515 231 600	G1	13	2	250	75	1.8		100	75		B7	P
	P	VX13S	023 115 560	G1	13	2	250	75	1.8		100	75		8SC	H
	P	VY1	023 100 080		55				60		REC		20mA	8SC	R
	P	VY2	023 180 000		30				15		D			8SC	R
	P	VY2N	023 100 080		30				15		D			8SC	R
	DDP	W4	642 300 000		4	7.5	150		3	1.2	100		1.2	B4	T
	P	W4-500	892 300 000		4				60		REC		20mA	B4	RR
	P	W17	265 024 300		1.4	1	90	75	3.5	0.9	80	75	0.9	B7G	P
	P	W21	041 230 500	A1	2	1	150	125	3.3	1	150	100	1.4	B7	P
	P	W21	542 300 000	A1	2	1	150	125	2.3	1	150	100	1.4	B4	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
W25	265 *24 300		1.4		90	60	1.7	0.8	90	60		B7G	P
W30	041 231 500	A1	13	1	250	230	12	4	250	250	4	B7	P
W31	041 231 500	A1	13	3	250	100	8	2.7	100	90	2.7	B7	P
W42	061 231 500	G1	4	3	250	100	7.6	1.5	100	100	1.5	B7	P
W61	026 510 310	G1	6	3	250	75	8.5	2.9	100	75	2.9	AO3	P
W63	026 510 310	G1	6	3	250	100	7.6	1.5	100	90	1.5	AO3	P
W76	026 510 310	G1	13	3	250	100	7.6	1.5	200	100	1.5	AO3	P
W77	412 361 500		6	2	200	230	8	2.5	100	150	2.5	B7G	P
W81	265 104 130		6	3	230	100	8	2.8	100	90	2.8	B3B	P
W101	265 104 130		19	3	250	100	8	2.8	100	90	2.8	B9B	P
W107	412 361 500		12.5	2.5	200	200	8	2.5	100	150	2.5	B7G	P
W118	260 154 130		13	2.5	200	100	7	2.3	100	100	2.5	B8A	P
W119	141 230 651		13	1.3	200	100	13	4.4	100	100	4.4	B9A	P
W142	261 154 130		12	3	250	250	7.2	2.2	100	150	2.2	B8A	P
W143	265 104 130		6	2.5	250	100	6	2.2	100	100	2.2	B3B	P
W145	260 154 130		13	2.5	200	100	7	2.3	100	100	2.3	5BA	P
W147	026 510 310	G1	6	2.5	250	100	6	2.2	100	100	2	AO8	P
W148	265 140 130		6	2.5	250	150	9.5	2.8	100	150	3.8	B8B	P
W149	265 104 130		6	3	250	100	8.5	1.8	100	90	1.7	B8B	P
W150	261 154 130		6	2.5	250	100	6	2.2	100	150	2.2	B8A	P
W213	642 300 000		2	2.5	150		1	1.2	150		1.2	B4	T
W216	040 120 560		2	1.5	150	90	3	1.2	100	90	1.2	B7	P
W318	809 231 600	G1	4	2	100		3.5	2.5	100		2.5	B7	DDT
W406	642 300 000		4	7.5	150		3	1.2	100		1.2	B4	T
W411	642 300 000		4	2.5	150		3	2.2	100		2.2	B4	T
W412	642 300 000		4	7.5	150		3	1.2	100		1.2	B4	T
W415N	642 310 000		4	2.5	200		2.5	1	100		1	B5	T
W420	642 300 000		4	4	150		4	1.3	100		1.2	B4	T
W719	141 230 651		6	2	250	100	10	6	150	100	5	B9A	P
W727	412 365 100		6	1	250	100	11	4.4	100	100	4.4	B7G	P
W729	141 230 651		6	2	200	175	8	5.7	100	100		B9A	P
W739	141 230 651		6.3	1.3	175	100	12	4.4	100	100	4	B9A	P
W4080	642 310 000		4	2.5	200		2.5	1	100		1	B5	T
W4110	642 310 000		4	1.5	200		1	3	100		2.5	B5	T
WD2	642 300 000		2	2.5	150		1	1	100		1.2	B4	T
WD30	560 231 890	G1	13	1	250	100	7	2.6	230	100	2.6	B9	DDP
WD40	560 231 890	G1	4	1	250	100	7	3.5	100	100	3.5	B9	DDP
WD70	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP
W119	541 236 891		19	1.5	200	100	11	4.5	100	100	4.5	B9A	DDP
WD142	268 154 130		13	2	200	90	5	2.1	100	100	1.9	B8A	DP
WD150	268 154 130		6	2	250	100	5	2.1	100	100	2	B8A	DP
WD709	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B9A	DDP
WE23	542 310 000	A1	4	2	200	100	3	2.5	100	100		B5	P
WE24	542 310 000	A1	4		200	100	3	2.5	100	100		B5	P
WE27	642 310 000		4	3.5	200		6	2.4	100		2.2	B5	T
WE28	642 310 000		4	1.5	200		1	2.5	100		2.2	B5	T
WE29	642 310 000	D1	4	3	200		6	2	100		2	B5	DT
WE30	642 350 000		4	15	250	250	35	2.8	No Data Available			B5	P
WE33	023 110 560	G1	4	3	100	250	8	1.9	100	100		8SC	P
WE35	023 004 560		4	15	250	250	15	2.8	100	100		8SC	P
WE37	023 189 060	G1	4	7	250		4	2	100		2	8SC	DDT

BASE	TYPE	VALVE	SELECTOR SWITCH No.	T.C.	Vi	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
						Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
	P	WE38	023 104 560		4	6	250	250	35	9	100	100		8SC	P
	P	WE39	023 100 060	G1	4	5.5	250		6	2.5	100			8SC	P
	P	WE51	892 300 000		4				30		REC	15mA	B4	RR	
	P	WE52	892 300 000		2				60		REC	20mA	B4	RR	
	P	WE53	023 080 090		4				60		REC	25mA	8SC	RR	
	P	WE54	023 080 090		4				30		REC	12mA	8SC	RR	
	P	WE350A	254 130 000	A1	6	4.5	400	250	83	6.5	100	150	6	UX5	P
	P	WE377	029 180 310		117				60		REC	20mA	AO8	RR	
	P	WE403A	412 365 100		6	2.3	150	150	7	4.3	100	100	4	B7G	P
	P	WHTS	745 231 600	G1	13	{ 1	150			0.6	150	60	0.6	} B7	TH
	P	WT210-0006	029 180 310		6	{ 1	250	75		1.5	250	75	1.4		AO8
	P	WT210-0007	026 540 310		6	18	350	250	54	5.2	100	150	5.2	AO8	P
	P	WT210-0012	298 300 000		5				60		REC	20mA	UX4	RR	
	P	WT210-0013	289 300 000		5				120		REC	30mA	UX4	RR	
	P	WT210-0019	298 300 000		5				120		REC	30mA	UX4	RR	
	P	WT210-0021	028 090 310		6				30		REC	15mA	AO8	RR	
	P	WT210-0025	029 180 310		117				60		REC	20mA	AO8	RR	
	P	WT210-0029	026 040 310		6	8	250		8	2	100		2	AO8	T
	P	WT210-0037	126 458 310		117	{ 5.2	100	100	43	5.3	100	90	5.3	} AO8	RP
	P	WT210-0040	802 309 100		6				30		REC	15mA	B7G		RR
	P	WT210-0042	030 809 020		5				60		REC	20mA	AO8	RR	
	DDT	WT210-0048	020 809 030		5				120		REC	30mA	AO8	RR	
	T	WT210-0081	021 415 360		6	2	250	100	3	1.7	100	100	1.6	AO8	P
	T	WT210-0082	026 540 310		6	12.5	250	250	45	4.1	100	150	4.1	AO8	P
	T	WT210-0083	216 498 130		6	2	250		2.3	1.6	200		1.6	B8B	DDT
	T	WT210-0084	027 446 310		6	5	250		3	1.6	100		1.6	AO8	TT
	T	WT210-0085	412 365 400		50	7.5	150	100	49	7.5	100	90	6	B7G	P
	P	WT210-0087	027 546 310	G1	6	{ 1	100		8	2.5	100	60	3	} AO8	TH
	P	WT210-0089	026 540 310		6	{ 3	250	100	4	1.2	100	100	1.6		AO8
	P	WT210-0090	265 113 000	G1	6	9	200	175	15	2.3	100	100	2.3	AO8	P
	P	WT210-0094	461 471 230		6	3	250	100	2	1.2	100	100	1.2	UX6	P
	P	WT210-0108	461 471 230		6	8	250		9	2.6	100		2.6	AO8	TT
	P	WT210-0108	461 471 230		6	31.5	150		100	9	No Data Available			AO8	TT
	T	WT210-0148	029 080 310		6				60		REC	20mA	AO8	RR	
	DDP	WT389	036 540 320		1.4	4.6	90	90	8	2	80	75	2	AO8	P
	DDP	WT390	026 040 310		6	{ 8	250		8	2	100		2	} AO8	T
	DDP	WT-T102	020 809 030		5	{ 150			60		100	60			AO8
	DDP	WT-T122	021 415 360		6	3	250	100	3	1.6	100	100	1.6	AO8	P
	DP	WT-T123	026 540 310		6	12.5	250	250	45	4.1	100	150	4	AO8	P
	DDP	WT-T124	216 498 130		6	2	250		2.3	1.6	200		1.6	B8B	DDT
	DDP	WT-T125	027 446 310		6	5	250		3	1.6	100		1.6	AO8	TT
	P	WT-T126	412 365 400		50	7.5	150	100	49	7.5	100	90	6	B7G	P
	P	WT-T128	027 546 310	G1	6	{ 1	100		8	2.5	100	60	3	} AO8	TH
	T	WT-T130	026 540 310		6	{ 3	250	100	4	1.2	100	100	1.6		AO8
	DT	WT-T131	265 113 000	G1	6	9	200	175	15	2.3	100	100	2.3	AO8	P
	P	WT-T135	020 809 030		5	3	250	100	2	1.2	100	100	1.2	UX6	P
	P	X14	026 546 300	G1	1.4		90	50	1.8	0.5	80	60	0.5	AO8	H
	P	X17	266 424 300		1.4	4	75		4.5	1.2	80		1.2	B7G	H
	DDT	X18	266 464 300		1.4	4	75		4	1.2	80		1.4	B7G	H

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYI	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
X21	645 230 600	G1	2		150	75				100	75		B7	H
X22	645 320 600	G1	2		150	75				100	75		B7	H
X23	645 231 700	G1	2	1.5	100		2.1			100	60	1.1	B7	TH
X24	645 231 700	G1	2		150	60	0.7			150	60	1.5		
X25	265 461 300		1.4	1.5	75	50	1	0.4	80	60	0.4	B7G	H	
X30	645 231 600	G1	13	3	150	75	7			100	75		B7	H
X31	645 231 700	G1	13	6	150		2.2			100	60	2	B7	TH
X41	645 231 700	G1	4		250	75	2.3			250	75	3		
X42	642 231 600	G1	4	3	230	75	2.3	1.4	100	75	2	B7	TH	
X61	027 546 310	G1	6	2	100		5.4	2.2	100		2.2	AO3	TH	
X61M	027 546 310		6		250	100	3	0.7	150	100	0.7			
X63	026 545 310	G1	6	2	100		7.5	2.6	100	60	2	AO3	TH	
X64	026 540 310	G1	6	2	250	100	8	2.6	100	100	2	AO3	TH	
X65	027 546 310	G1	6	3	100		8	2.5	100	60	1	AO8	TH	
X66	027 546 310	G1	6		230	100	4	1.2	100	100	0.5			
X71	027 546 310	G1	15	3	100		8	2.5	100	60	1.3	AO8	TH	
X73	026 546 310	G1	6		230	100	4	1.2	100	100	1			
X75	026 546 310	G1	15	3	100		100		100	60	1.5	AO3	TH	
X76	027 546 310	G1	13	1	150	75			100	75		AO8	H	
X77	412 366 100		6		250	100	8	2.5	100	60	0.6			
X78	542 378 400		6	2	100		4	1.2	100	100	1.6	AO3	TH	
X79	541 237 46*		6		150	75	5.3	2.2	100	75	2			
X81	276 454 130		6	1	100		5	2.2	100	60	2.8	B9A	TH	
X99	264 300 000		3		250	100	10	3	100	75	6			
X101	276 454 130	G1	19	2	100		4.8	1.4	100	60	1.7	B3B	TH	
X107	412 365 400		19		250	100	4	2	100	100	2			
X108	542 376 400		19	2	100		2.5	0.4	80		0.4	UX4	T	
X109	541 237 46*		19		250	100	3		100	60				
X118	276 454 130		28	2.5	100		3	2.5	100	100	2.5	B3A	TH	
X119	541 237 164		19		200	100	13.5	3.7	100	60	3.5			
X142	276 454 130		14	2	100		5	2	100	60	2.2	B8A	TH	
X143	276 454 131		6		200	75	8	2.2	100	75	2			
X145	276 545 130		28	3.3	100		5.3	2.4	100	60	3.2	B9B	TH	
X147	027 546 310	G1	6		250	100	5	2.4	100	100	2.2			

BASE	TYPE	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		
	H	X148	276 454 130		6	{ 1	100		4.8	1.4	100	60	1.6	} B8B	TH
	H					{ 2	250	100	4	2	100	100	2		
	TH	X150	276 454 130		6	{ 2	100		5	2.6	100	60	2.8	} B8A	TH
	TH					{ 2	250	100	8	2.2	100	100	3.5		
	H	X719	541 237 164		6	{ 3	100		5	2.3	100	60	2.3	} B9A	TH
	H					{ 2	250	100	6.5	2.3	150	100	2.4		
	H	X727	412 366 100		6	2	100		11	7	100		5	B7G	H
	H	X6030	020 880 330		3						D			B8B	D
	H	XAA91	182 310 900		3.1				5		D			B7G	DD
	TH	XC88	414 234 464		2		150		12.5	14*	No Data Available			B9A	T
	TH	XC95	142 360 100		1.8	1.2	200		10	10.5				B7G	T
	H	XCC82	641 227 413		6.3	0	100		11.8	3.1	100		3.1	B9A	TT
	H	XCC89	146 234 117		3.6	1.2	100		15	12	No Data Available			B9A	TT
	TH	XCC189	741 236 410		4.5	1.2	90		15	12.5	No Data Available			B9A	TT
	TH	XCF80	645 237 114		4.5	{ 2	100		14	5	100	60	5	} B9A	TP
	TH					{ 2	200	150	10	6.2	100	100	6		
	H	XCF82	645 237 114		4.8	{ 1	150		18	8.5	100	60	8	} B9A	TP
	H					{ 1	200	100	10	5.2	100	100	5		
	TH	XCL82	414 237 516		8	{ 0	100		3.5	2.5	100	60	2	} B9A	TP
	TH					{ 0	200	150	41	7.5	100	100	2		
	TH	XCL84	461 237 145		7.8	{ 1.7	200		3	4	100	60	4	} B9A	TP
	TH					{ 2.9	200	200	18	10.4	100	100			
	TH	XCL85	641 237 514		8.6	{ 0.8	100		5	6.5	100	60	6.5	} B9A	TP
	TH					{ 0.8	200	150	41	7.5	100	100			
	H	XCL86	415 237 146		7.5	{ 1.7	250		1.2	16	100	60		} B9A	TP
	H					{ 7	250	250	36	10	100	100			
	TH	XD	642 300 000		2	1.5	75		0.7	0.8	80		0.7	SM4	T
	TH	XD1.5V	642 300 000		1.5		50		0.4	0.4	80			SM4	T
	H	XD2.0V	642 300 000		2	1	60		0.5	0.6	No Data Available			SM4	T
	TH	XE2	623 000 000		1.25	2.9	12		0.1	0.1	No Data Available			B3G	T
	TH	XE4	623 000 000		1.25	2	12		0.23	0.12	No Data Available			B3G	T
	TH	XF80	141 230 651		3.4	2	200	175	10	7.2	100	100	6	B9A	P
	TH	XF85	141 230 651		3.4	2	250	100	10	6	150	100	5	B9A	P
	TH	XF86	501 236 014		2.5	2	250	150	3	2.3	100	100	1.8	B9A	P
	TH	XF94	412 355 100		3.1	1.0	250	150	10.8	5.2	100	100		B7G	P
	TH	XF183	141 230 651		3.6	2	200	90	12	12.5	No Data Available			B9A	P
	TH	XF184	141 230 651		3.6	2.5	200	200	10	15	No Data Available			B9A	P
	O	XFG1	624 300 000		1.5		40		1.5		No Data Available			B5A	T
	TH	XFR1	652 430 000		1.2		40	40	3	2	No Data Available			B5A	P
	TH	XFR2	652 430 000		1.2		60	60	1.8	1.9	No Data Available			B5A	P
	TH	XFR3	624 300 000		1.2	5	150		4	1.7	125		1.7	B5	T
	TH	XFR5	652 430 000		1.2		60	60	1.8	1.1	No Data Available			B5A	P
	TH	XFW10	653 120 000		0.6		20	20			No Data Available			B5A	P
	TH	XFW20	652 430 000		0.6		20	20			No Data Available			B5A	P
	TP	XFW30	653 420 000		0.6		20	20			No Data Available			B5A	P
	TH	XFW40	653 420 000		0.6		20	20			No Data Available			B5A	P
	TH	XFW50	653 420 000		0.6		20	20			No Data Available			B5A	P
	TH	XFY10	653 420 000		1.3	1.3	20	20	0.5	0.4	No Data Available			B5A	P
	TH	XFY11	653 420 000		1.2		20	20	0.3	0.4	No Data Available			B5A	P
	TH	XFY12	653 420 000		1.2	0.5	20	20	0.3	0.4	No Data Available			B5A	P
	TH	XFY14	653 420 000		1.2	6.5	60	60	3.1	0.6	No Data Available			B5A	P
	TH	XFY15	653 420 000		1.2	6.5	60	60	3	0.6	No Data Available			B5A	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE	
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V			
XFY20	653 420 000		0.6		20	20				No Data Available			B5A	P
XFY21	653 420 000		1.2		20	20	0.4	0.4		No Data Available			B5A	P
XFY22	653 420 000		1.2	1.2	20	20	0.3	0.4		No Data Available			B5A	P
XFY23	653 420 000		1.2	2	20	20	0.4	0.3		No Data Available			B5A	P
XFY31	653 420 000		1.2		20	20	0.4	0.4		No Data Available			B5A	P
XFY32	653 420 000		1.2	1.5	20	20	0.4	0.3		No Data Available			B5A	P
XFY33	653 420 000		1.2	2	20	20	0.4	0.3		No Data Available			B5A	P
XFY34	653 420 000		1.2	4	40	40	1.5	0.6		No Data Available			B5A	P
XFY35	653 420 000		1.2	1.5	40	40	0.7	0.6		No Data Available			B5A	P
XFY41	653 420 000		1.2	1.2	40	30	0.3	0.4		No Data Available			B5A	P
XFY43	653 420 000		1.2	2	20	20	0.4	0.3		No Data Available			B5A	P
XFY51	653 420 000		1.2		20	20	0.2	0.3		No Data Available			B5A	P
XFY53	653 420 000		1.2	3	20	20	0.5	0.3		No Data Available			B5A	P
XFY53M	653 420 000		1.2	3	20	20	0.5	0.3		No Data Available			B5A	P
XFY54	653 420 000		1.2	2	20	20	0.3	0.3		No Data Available			B5A	P
XH2.0V	642 300 000		2	1	60		0.5	0.6		No Data Available			SM4	T
XL	642 300 000		2	1.5	75		1.5	0.9	80	0.8			SM4	T
XL01.5	642 300 000		1.5	1	60		0.9	0.7		No Data Available			SM4	T
XL01.5V	*41 23* 6*5		8	7.3	250	250	48	11.3	100	150	10		B3A	P
XL1.5	642 300 000		1.5	1	60		0.7	0.6		No Data Available			SM4	T
XL2.0V	642 300 000		2	1	60		1	0.8		No Data Available			SM4	T
XL36	642 300 000		1.5	4.5	50		1.7	0.7	80				SM4	T
XL84	8*2 364 100		2	1	50		1.1	0.9	80				B7G	T
XL86	*2* 540 310	A1	12.8	8.3	100	100	77	11	100	150	10		AO8	P
XP	642 300 000		2	4.5	100		9.5	1	80		1		SM4	T
XP1.5V	642 300 000		1.5	4	60		1.8	0.8		No Data Available			SM4	T
XP2	642 300 000		2	4.5	75		4	1	80		1		SM4	T
XPH1.5	264 730 000	GL	1.5	{ 4.5	50		1.7	0.7	60				} SM5	TT
				0	50		0.5	0.5	60					
XR2	206 035 240		1.2	7.5	150	125	7	1.9	125	100			B8D	P
XR4	206 035 240		1.2	7.5	150	125	7	1.9	100	100			B9D	P
XR6	412 163 510		6.3	1.4	100	100	7	5	100	100	5		B8D	P
XR7	412 653 160		6.3	2	100	100	7.5	5.5	100	100	5.5		B9D	P
XR8	462 603 160		6.3	2.5	100		8	4.2	100		4.2		B8D	T
XR9	742 113 460		6.3	1.8	100		8.5	5	100		5		B9B	TT
XSG	542 300 000	A1	2	1	150	60	1.4	0.7	100	60	0.6		Sm4	P
XSG1.5V	542 300 000	A1	1.5	0	50	30	0.5	0.3	No Data Available			Sm4	P	
XSG2.0V	542 300 000	A1	2	0	60	30	0.6	0.4	No Data Available			Sm4	P	
XVS2.0V	542 300 000	A1	2	0	60	30	0.4	0.3	No Data Available			Sm4	P	
XW1.5	254 630 000		1.5	0	60	30	0.7	0.5	No Data Available			Sm5	P	
XW1.5	251 630 000	G1	1.5	0	50	50	0.7	0.5	No Data Available			Sm5	P	
XW2.0V	254 630 000		2	0	60	50	0.9	0.6	No Data Available			Sm5	P	
XWO75A	653 420 000		0.6		40	30	0.3	0.2	No Data Available			P5A	P	
XWO75B	653 420 000		0.6		40	30	0.2	0.2	No Data Available			B5A	P	
XXB	206 447 320		1.4		90		4.5	1.3	90		1.3		B8B	TT
XXD	216 447 130		12.5	10	250		9	2.1	100		2.1		B8B	TT
XXFM	264 189 130		6.3	2	250		1.5	1.5	100		1.4		B8B	DDT
XXL	260 004 130		6	8	250		8	2.3	100		2.3		B8B	T
XY	254 630 000		2	3	75	75	4	1.2	80	75	1.2		SM5	P
XY1.4A	653 420 000		1.4	4.5	40	40	1.8	0.5	No Data Available			B5A	P	
XY1.4B	653 420 000		1.2	4.5	40	40	1.6	0.6	No Data Available			B5A	P	

BASE	TYPE	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
A	P	XY1.4C	653 420 000		1.2	1.5	40	40	0.5	0.5	No Data Available			B5A	P
A	P	XY1.5	254 630 000		1.5	1.5	40	40	1.7	1	No Data Available			SM5	P
A	P	XY2.0V	246 530 000		2	2	60	50	1.7	1.4	No Data Available			SM5	P
A	P	XY14B	653 420 000		1.2	4.5	40	40	0.3	0.6	No Data Available			B5A	P
A	P	XY14CC	653 420 000		1.2	1.5	40	40	0.5	0.5	No Data Available			B5A	P
A	P	XY88	*** 23* **8	C	16				120		REC	40mA		B9A	R
A	P	Y13	045 231 600		13	20	250	250	40	3.9	100	150		B7	P
A	P	Y220	642 300 000	G2	2	4.5	150	150	10.5	2.5	100	100	2.5	B4	P
A	P	Y220	642 350 000		2	4.5	150	150	10.5	2.5	100	100	2.5	B5	P
A	P	Y230	642 350 000		2	3	150	150	5		100	100		B5	P
A	P	YA1000	230 232 032	A1	4				180		REC	40mA		B9A	R
A	P	YC88	414 234 464		2.0		160		12.5	14	No Data Available			B9A	T
A	P	YC95	142 360 100		2.2	1.2	200		10	10.5	No Data Available			B7G	T
A	P	YCC89	146 234 117		4.8	1.9	100		15	12	No Data Available			B9A	TT
A	P	YCL82	414 237 516		10.8	} 0	100		3.5	2.5	100	60	2	} B9A	TP
A	T	YCL84	461 237 145		10		200	150	41	7.5	100	100	6		
A	T	YCL86	415 237 146		10		200	150	18	11	100	100	4		
A	P	YD2	642 300 000		2	7	250	250	36	10	100	100	1.6	} B9A	TP
A	T	YF183	141 230 651		4.2	4.5	150		6	3	100		2		
A	T	YF184	141 230 651		4.2	2.5	200	200	10	15	No Data Available			B9A	P
A	T	YL84	*41 23* 6*5		8	7.3	250	250	48	11.3	No Data Available			B9A	P
A	P	YL86	041 23* 6*5		8	12.5	200	200	75	10	No Data Available			B9A	P
A	T	YL1000	014 235 166		1.1	6.5	100	100	30	4.3	100	100		B9A	P
A	T	YL1020	245 1*4 200	A1/A2	1.6		300	250	40	4	No Data Available			B7A	PP
A	T	YL1030	245 3*4 200	A1/A2	2.1		200	200	30	4.5	100	100		B7A	PP
A	TT	YL1060	245 134 200	A1/A2	6.3	15	300	250	95	5	No Data Available			B7A	PP
A	TT	YL1080	424 236 572		1.6		200	200	30	3.3	100	100		B9A	PP
A	P	YL1130	423 756 324		1.1		200	200	40	7	100	100		B9A	PP
A	P	YL1150	245 611 300		6.3		400	250	100	35	100	100	70	B7A	P
A	P	YL1190	432 756 234		1.5		150	150	45	9.5	100	100		B9D	PP
A	P	YL1200	245 611 300		12.6	17	100	250	100	100				B7A	P
A	P	YL1240	414 227 563		6.75		400	200	30	3.3	100	100		B9A	PP
A	TT	YY88	*** 23* **8	C	22				180		REC	40mA		B9A	R
A	P	Z14	036 500 200	G1	1.4	1	100	100	0.5	0.6	80	90	0.7	AO8	P
A	P	Z21	041 230 500	A1	2	1	150	150	1.1	1.2	150	100	1.2	B7	P
A	P	Z21	542 300 000	A1	2	1	150	150	1.1	1.2	150	100	1.2	B4	P
A	P	Z22	041 230 500	A1	2	0	150	150	2.5	1.4	100	100		B7	P
A	P	Z22Met	041 230 500	A1	2	0	150	150	2.5	1.4	100	100		B7	P
A	P	Z26	045 231 600		26	5.5	250	250	32	7.5	100	100	8	B7	P
A	P	Z62	026 510 310	G1	6	2	300	150	10	7.5	100	100	7.5	AO8	P
A	P	Z63	026 510 310	G1	6	3	250	100	2	1.2	100	100	1.2	AO8	P
A	P	Z66	026 510 310	G1	6	1.5	200	200	10.9	8.5	100	150	8	AO8	P
A	TT	Z73	026 510 310	G1	6	3	250	100	6.5	1.7	100	90	1.8	AO8	P
A	TT	Z77	412 361 500		6	} 2	250	250	10	7.5	100	150	5	} B7G	P
A	DDT	Z90	256 101 403		6		1.5	200	150	4	6.4	100	150		
A	T	Z142	260 154 130		21	2	250	250	10	6	100	150	6	B9G	P
A	P	Z145	261 514 130		22	1.8	200	200	10	9	100	150	7	B8A	P
A	P	Z150	260 154 130		6	2	250	250	10	9.5	100	150	8	B8A	P
A	P	Z152	141 230 651		6	2	200	200	10	7.4	100	100	6	B9A	P

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
Z20	642 300 000	G2	2	7.5	150	150	15	2	100	100	2	B4	P
Z220	642 350 000		2	7.5	150	150	15	2	100	100	2	B5	P
Z309	141 223 651		6	2	250	250	20	15	No Data Available			B9A	P
Z319	141 321 655		6	2	350	250	12.5	11.5	No Data Available			B9A	P
Z329	141 230 651		7.3	1.9	200	175	10	8.8	100	100		B9A	P
Z359	141 230 651		12	2	250	250	20	15	100	100		B9A	P
Z719	141 230 651		6	2	200	175	10	7.4	100	150	6	B9A	P
Z729	501 236 014		6	1	250	100	2	1.8	100	100	1.3	B9A	P
Z749	141 230 651		6.3	1.9	200	175	10	9.2	No Data Available			B9A	P
Z759	141 023 651		6	2	250	250	15	15	100	100		B9A	P
ZD	892 310 000		13						D			B5	DD
ZD2	642 300 000		2	12	150		7	1	100		1.2	B4	T
ZD17	208 564 300		1.4	1	90	90	2.7	0.6	80	90	0.6	B7G	DP
ZD25	2*8 564 300		1.4	1.5	60	60	0.2	0.2	No Data Available			B7G	DP
ZD152	541 236 891		6	2	250	90	5	2.2	100	90	2.2	B3A	DDP

VALVE	SELECTOR SWITCH No.	T.C.	Vf	Neg. Grid Volts	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160				BASE
					Anode Volts	Target Volts	Ia mA	Ra MΩ	
64ME	926 457 310		6	{ 16	250	250		1	} AO8
65ME	41* 23* 6*5		6	2.5	250	250		1	
1629	026 540 310		12.5	8	250	250	0.2	1	AO8
4677	023 104 560		4	4	250	250	0.12	2	8SC
4678	023 104 560		6	5	250	250	0.1	2	8SC
AC/ME	045 231 600		4	22	250	250	0.2	1	B7
AM1	023 104 560		4	5	250	250	0.1	2	8SC
DM21	026 540 030		1.4		90	90	0.03	2	AO8
DM70	4*0 230 060		1.4	23	200	0	0.1	1	B8D
DM71	4*0 23* 060		1.4	23	200	0	0.1	1	B8D
E130	026 540 310		6	15	250	250		1	AO8
E1320	026 540 310		6	11	250	250	1		AO8
EM1	023 104 560		6	5	250	250	0.1	2	8SC
EM2	023 104 560		6.3	4	250	250	0.1	2	8SC
EM3	023 104 560		6	18	200	200	0.2	1	8SC
EM4	023 164 560		6	{ 4.2	200	200		1	} 8SC
				12.5	200	200		1	
EM11	026 546 310		6	{ 5	250	250		1	} AO8
EM31	026 540 310		6	16	250	250		1	
				5	250	750		2	AO8
				4.2	250	250		1	
EM34	026 456 310		6	12.5	250	250	1	1	AO8
EM35	026 540 310		6	22	250	250		1	AO8
EM71	251 064 130		6	20	250	250	0.5		B8B
EM72	251 064 130		6	20	250	250	0.5		B8B
EM80	41* 23* 6*5		6	14	250	250	0.4	0.5	B9A
EM81	41* 23* 6*5		6	10.5	250	250	0.4	0.5	B9A
EM84	4*1 235 6*6		6	22	250	250	0.5	0.5	B9A
EM87	4*1 235 6*6		6.3	14	250	250	1.1	1	B9A
EM840	4*1 235 6*6		6	22	250	250	0.5	0.5	B9A
FT4	026 540 310		4	6	250	250		1	AO8
HM71	251 064 130		12.6	15	200	200	0.4	5	B8B
HM85	401 235 607		12.6	18	250	200	0.5	.47	B8B
ME4S	023 104 560		4	5	250	250		2	8SC
ME6S	023 104 560		6	5	250	250		2	8SC
ME41	216 040 530		4	22.5	250	250	0.2	1	MO8
ME91	216 040 530		9	17	150	150	0.2	1	MO8
ME920	045 231 600		9	19	200	175	0.2	1	B7
PM5	206 546 130		6	{ 15	200	200		1	} AO8
				5	200	200		1	
KM84	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	8SC
TV4	023 140 560		4	5	250	250		1	8SC
TV6	023 104 560		6.3	5	250	250	0.1	2	8SC
UM4	206 546 130		12.6	{ 4.2	200	200		1	} AO8
				12.5	200	200		1	
UM11	206 546 130		15	{ 4.2	200	200		1	} AO8
				12.5	200	200		1	
UM34	026 456 310		12.5	{ 4.2	250	250		1	} AO8
				12.5	250	250	1	1	
UM80	41* 23* 6*5		19	14	200	200	0.4	0.5	B9A
UM31	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
UM85	401 235 607		19	13	200	200	1	0.2	B9A

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 end 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	AO8	R	
1Z2	232 232 300	A1	1.4			B7G	R	
2V3	020 000 300	A1	2.5(3)			AO8	R	
2V3G	020 000 300	A1	2.5(3)			AO8	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	Nil	R	
225DU	082 323 600		2	40	20	B7	RR	Test A1 & A2
405BU	672 300 000		4	40	20	B4	RR	Test A1 & A2
732A	230 300 000	A1	2.5	60	10	UX4	R	
879	200 300 000	A1	2.5	100	10	UX4	R	
1876	123 000 700		4			8SC	R	
1877	002 300 000	A1	4	100	10	B4	R	
8016	020 000 300	A1	1.25	200	6	AO8	R	
8020	200 300 000	A1	5	100	22	B4	R	
CE23C	320 200 000	A1	2.5	60	10	UX4	R	
EY51	230 000 000	A1	6	100	9	B3G	R	
HVR2	002 300 000	A1	4	100	10	B4	R	
HVR2A	002 300 000	A1	2(2.5)	100	10	B4	R	
R12	230 000 000	A1	6.3	100	9	B3G	R	
SU61	230 000 000	A1	6.3	100	9	B3G	R	
SU2150	002 300 000	A1	2(2.5)	60	4	B4	R	
SU2150A	002 300 000	A1	2	230	50	B4	R	
U17	002 300 000	A1	4	40	35	B4	R	
U19	002 500 000	A1	4(5)	40	70	B4	R	
U21	002 300 000	A1	2	60	4	B4	R	
U22	200 000 030	A1	2(3)	60	4	MO8	R	
U23	002 300 000	A1	4(5)	40	100	B4	R	
U24	020 000 300	A1	2	20	0.5	AO8	R	
U41	020 300 000	A1	1.25	200	6	AO8	R	
U43	230 000 000	A1	6.3	100	9	Nil	R	
U151	230 000 000	A1	6.3	100	9	Nil	R	
V21/7000	002 300 000	A1	4	100	10	B4	R	
V960	002 300 000	A1	4	80	90	B4	R	
V1906	002 300 000	A1	4(5)	60	100	B4	R	
V1907	002 300 000	A1	4	150	70	B4	R	
V1913	002 300 000	A1	4(5)	40	100	B4	R	
V1920	002 300 000	A1	4(5)	100	90	B4	R	
VL51	002 300 000	A1	4	100	10	B4	R	
CV317	322 322 222	A1	4	60	80	B9G	R	
CV121	002 300 000	A1	4(5)	100	90	B4	R	

APPENDIX III.

Test Data for 'Service' Type Valves

NOTES REFERRED TO IN THE REMARKS COLUMN

- A The heater/cathode lead identified with red marking should be connected to Pin No. 1.
- B The grid top cap is situated over Pins No. 7 and 8.
- C This valve does not fit special valve holders supplied, and roller selector Data will depend on connections made to valve electrodes.
- D Pin No. 1 on the flat pinch type of base is the lead adjacent to the coloured blob the remaining pins being directly numbered across the base from Pin No. 1.
- E Alternative test figures are given for use when valve shows signs of back emission from anode to G₃. 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	3J/145J
CV53	234 000 000	A ₁	4	1	250		6	4.2	Disc seal	T	See Note A min slope	3A/146J
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		E1371
CV122	632 400 000		1.4	0	100			0.8	Special	T	See Note D	E1336
CV132	412 361 500		6	1.8	250	100	6.3	2	B7G	H		V885
CV201	021 540 300	A ₁	(2.5)	10	250	150	25	3.3	A08	P		V630
CV229	623 400 000		1.4	0	100			0.8	Special	T	See Note D	1336
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		DET23
CV384	642 300 000		(5)	30	400		62	7.5	B4	T		DET5
CV1155	642 300 000		4	0	75		0.7	0.2	B4	T		DEG
CV1223	642 300 000		(5)	30	400		62	7.5	B4	T		DET5
CV1508	002 300 000	A ₁	(5)	40	100				B4	R		V1913
CV1584	642 310 000		4	3.5	200		5.4	3.1	B5	T		41MTL
CV2000	412 361 500		6	2	250	250	10	7.5	B8D	P	See Notes J & E 5A/159M	
					200	150	4	6.4				
CV2001	412 361 500		6	1.5	250	250	10	7.5	B8D	P	See Notes J & E EF91	
					200	150	4	6.4				
CV2002	412 360 500		6	13.5	250	250	16	2.6	Spec	P	See Note J	6AM5
CV2003	412 360 500		6	13.5	250	250	16	2.6	Spec	P	See Note J	6AM5
CV2004	192 310 800		6				5		Spec	RR	See Note J	6AL5
CV2005	192 310 800		6				5		Spec	RR	See Note J	6AL5
CV2007	741 226 413		6	8.5	250		10.5	2.2	Spec	TT	See Note J	12AV7

VALVE	SELECTOR SWITCH No.	T.C.	Vf.	Neg. Grid Volts	Anode Volts	Screen Volts	la mA	mA/V	Base	Type	REMARKS	Civ. Equiv.
CV2003	412 300 600		6	2.2	150		10	8	Spec	TT	See Note J	A1714
CV2009	412 314 600		6	1.5	250		10	8.5	Spec	T	See Note J	5AQ4
CV2010	762 344 100		6	1	100		8.5	5.6	Spec	TT	See Note J	6J6
CV2101	741 226 413		6	2	250		1.2	1.6	Spec	TT	See Note J	DF72
CV2013	041 230 651		6	4.5	250	250	40	11	Spec	P	See Note J	6CH5
CV2014	601 235 144		6	7.5	250	250	45	7	Spec	P	See Note J	6062
CV2015	256 101 403		6	7	250	250	10	6	B9G	P	See Note J	DDR2
CV2016	741 226 413		6	2	250		10.5	5.5	Spec	TT	See Note J	12AT7
CV2017	412 361 500		6	4	200	200	5.8	3.5	Spec	P	See Note J	VX3098
CV2020	412 365 100		6	2	150	125	7.5	5	Spec	P	See Note J	6AK5
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	6BW6
CV2023	412 361 500		6	2.5	250	200	8	2.5	Spec	P	See Note J	9D6
CV2024	412 366 100		6	2	100		11	7	Spec	H	See Note J	6BE6
CV2025	412 361 500		6	2 1.5	250	250	10	7.5	Spec	P	See Note J	EF91
CV2101	040 230 650		1.25		0	75	75	4				
CV2156	241 7 143		20	14	250	150	30	3.9	B9G	PP		
CV2204	346 000 000	H—	6	1	250		20	3	Disc seal	T	min slope	DET22
CV2207	346 000 000	H—	6	1	250		20	3	Disc seal	T	min slope	VX3147
CV2231	*41 23* *51	A ₁	6	12.5	150	150	50	3.5	B9A	P		E2265
CV2243	041 230 651		6	2	200	125	17	8.4	B9A	P		PSG3
CV2267	Not known		6				30		Spec	RR	See Note C	F/6053
CV2268	Not known		6	2	230	250	10	7.5	Spec	P	See Note C	F/6064
CV2277	*41 23* 651		26.5	13	100	100	90	9.5	B9A	P		13E1
CV2838	Not known	A ₁ /G ₁	2		60			0.3	Special	T	See Note C	VCRX397A
CV4036	001 230 000	D ₁	6				120		B9A(F)	R		F/8141
CV4046	241 756 143		6	14	150	125	30	3.9	B9G	PP		44A/160M
VU508	002 300 000	A ₁	(5)		40		100		B4	R		V1917

S Civ. Equiv.

A1714
SAQ4

6J5
DF72
6CH6
6352
DDR2

12A17
VX3098
6AK5
—
6BW6

9D6
6BE6
—
91
DF72

DET22
VX3147
E2265

PSG8
F/6033
F/6064
13E1

VCRX397A
F/8141
44A/160M

V1917

APPENDIX IV.

Test Data for Russian Valves

VALVE	SELECTOR SWITCH No.	T.C.	Vf	DATA FOR VALVE CHARACTERISTIC METER & VALVE TESTER TYPE 160					DATA FOR AVO VALVE TESTER			BASE	TYPE
				Neg. Grid Volts	Anode Volts	Screen Volts	Ia mA	mA/V	Anode Volts	Screen Volts	mA/V		
1B1P	208 564 300		1.2	0	60	40	1.0	0.25	No Data Available			B7G	DP
1K1P	265 014 300		1.2	0.5	60	40	1.7	0.65	No Data Available			B7G	P
2P1P	204 510 300		1.2	3.5	60	60	2.8	0.9	No Data Available			B7G	P
6B2P	452 365 300		6.3	1.5	250	100	6.5	2.0	100	100	2	B7G	DP
6K1P	412 365 100		6.3	3	250	100	6.7	1.85	100	100	1.9	B7G	P
6K4P	412 365 100		6.3	1.0	250	100	11	4.4	100	100	4.4	B7G	P
6KH2P	182 310 900		6.3				5		D			B7G	RR
6N1P	641 237 410		6.3	4.8	250		8	4.3	100		8	B9A	T
6N2P	641 237 410		6.3	1.5	250		2.3	2	100		2	B9A	T
6N6P	641 237 410		6.3	2	125		30	10	100		28	B9A	TT
6N15P	762 344 100		6.3	2	100		8.5	5.6	100		5.6	B7G	TT
6P1P	651 230 400		6.3	12.5	250	250	45	4.5	100	PenLF	4	B9A	P
6P2P	412 365 000		6.3	5.5	125	125	35	8	100	100	6	B7G	P
6P4P	802 310 900		6.3				30		REC			B7G	RR
6S1P	612 304 000		6.3	7	250		6.3	2.2	100		2.2	B7G	T
6S2P	412 300 600		6.3	1.0	100		10	11	No Data Available			B7G	T
6ZH1P	412 365 100		6.3	2.2	125	125	5.5	3.55	100	100		B7G	P
6ZH2P	412 365 100		6.3	2.2	125	125	7.5	5.2	100	100		B7G	P
6ZH3P	412 365 100		6.3	2	250	150	7	5	100	100		B7G	P
6ZH4P	412 365 100		6.3	1	250	100	11	4.4	100	100	4.4	B7G	P
6ZH5A	412 365 100		6.3	2.0	250	100	10	9	100	100		B7G	P
G837	204 411 300	A1	12.6	85	400		60	3.5	No Data Available			B7G	P

