

1-1-78

# TUBE DATA

FOR



**666 TUBE TESTER**

COLETRONICS  SERVICE INC.

1744 ROCKAWAY AVENUE • HEWLETT, L.I., N.Y. 11557

(AUTHORIZED  TUBE DATA SERVICE)

CAUTION

CAUTION

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TO AVOID TUBE DAMAGE, ADJUST ALL SETTINGS BEFORE INSERTING THE TUBE IN ITS SOCKET!

WHEN TAKING A MERIT READING, DO NOT HOLD THE MERIT BUTTON LONGER THAN NECESSARY TO ACQUIRE THAT READING.

▲ MAGNOVAL BASE - "MUST USE MAGNOVAL ADAPTER." NOT NECESSARY ON 610A ADAPTER.

■ 10 PIN DECAL BASE - REQUIRES THE USE OF DECAL ADAPTER. NOT NECESSARY ON 610A ADAPTER.

FOR 10 PIN MINIATURE, 12 PIN COMPACTRONS, NOVAR, DECAL, MAGNOVAL, 2 PIN RECTIFIER AND NUVISTOR TYPE TUBES USE MODEL 610A ADAPTER.

KEY # - REFERS TO POSITIONING OF COMPACTRONS ON 610 - 610A ADAPTER.

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
OA2		0	0	60	41666 66111	3	2	1	1	1FD9		1.4	20	80	11634 52111	2	4	4-5-6	5
OA3		0	0	92	11614 16111	4	2	5	5	"		1.4	50	85	11566 62111	4	4	3	3
OB2		0	0	21	41666 66111	2	3	1	1	1G3		1.25	0	95	61666 62614	2	3	C	C
OB3		0	0	75	11614 16111	2	2	5	5	1H2		1.4	0	40	62166 16664	3	3	C	C
OC2		0	0	73	41666 66111	2	2	1	1	1J3		1.4	0	100	61666 62614	3	3	C	C
OC3		0	0	95	11614 16111	2	2	5	5	1K3		1.25	0	90	61666 62614	2	4	C	C
OD3		0	0	30	11114 11111	4	2	5	5	1L6		1.4	7	25	14351 12111	2	5	2-3-4	2
OG3		0	0	90	41666 66111	2	2	1	1	1P1		1.4	60	99	14312 51111	1	3	2-3-6	2
OZ4		Z	0	15	11416 11211	4	2	3	3	1P10		2.8	7	40	14536 62111	2	3	2-3-4	2
"		Z	0	15	11614 11211	4	2	5	5	1P11		1.4	60	99	14312 51111	1	3	2-3-6	2
1A7		1.25	13	87	11415 12113	2	4	3-5-C	3	1R5		1.4	7	70	14356 12111	2	4	2-3-4	2
1AD2	(2)	1.25	0	90	11266 16664	3	3	C	C	1RK23		1.4	0	90	12616 16614	3	2	C	C
1AE4		1.25	90	84	14366 52111	1	3	2-3-6	2	1RK41		1.4	0	63	62666 61614	2	3	C	C
1AF4		2.0	71	28	14366 52111	2	3	2-3-6	2	"		No short test							
1AF5		1.25	25	60	11134 52111	4	5	4-5-6	5	1S2		1.4	0	90	12616 16614	3	2	C	C
"		1.25	0	100	11566 62111	4	6	3	3	1S4		1.4	7	44	14351 62111	2	3	2-3-4	2
1AU2		1.25	0	60	66621 66631	3	3	9	9	1S5		1.4	20	80	11634 52111	2	4	4-5-6	5
1AX2		1.4	0	95	66121 61664	3	3	C	C	"		1.4	50	85	11566 62111	4	4	3	3
"		Good tube reads above 40.								1T4		1.4	7	85	14316 52111	4	3	2-3-6	2
1AY2		1.2	70	70	12111 11114	2	3	C	C	1U4		1.4	15	80	14316 52111	2	4	2-3-6	2
"		Good tube reads above 30. Insert into pins 2-8 of 9 pin min. socket.								1U5		1.4	20	60	14361 52111	2	4	2	2
1B3		1.25	0	95	61666 62614	2	3	C	C	"		1.4	65	10	11151 12111	3	5	4	4
1BC2		1.25	0	90	21161 61664	3	2	C	C	1V2		.625	0	55	66621 66641	3	2	9	9
1BK2		1.4	0	63	62666 61614	2	3	C	C	"		Good tube reads above 20.							
"		No short test.								1X2		1.4	0	85	66121 61664	2	3	C	C
1BX2		1.4	0	60	66121 61664	2	3	C	C	2A3		2.5	55	70	24511 11111	3	2	2-3	2
"		No short test.								2AF4		2.0	77	77	45211 66111	1	2	1-2-5	1
1BY2	(5)	1.25	0	90	61121 16114	2	3	C	C	2AH2	(2)	2.5	0	25	11266 16664	4	3	C	C
"		Good tube reads above 40. Cap goes to top of tube.								2AS2	(2)	2.5	0	30	21116 16614	3	3	C	C
1D13		1.25	7	21	14116 62111	4	6	2-3	2	2AV2		1.4	0	60	66621 66641	3	2	9	9
1DG3		1.25	0	30	16166 61214	3	3	-	C	"		Good tube reads above 30. No short test							
"		Good tube reads above 20. No short test.								2AZ2		2.0	0	90	66121 61664	3	2	C	C
1DK1		1.25	0	70	12111 11114	3	2	C	C	2BA2		2.0	70	70	66621 66641	3	2	9	9
"		Insert 2 base leads into pins 1&2 of 9 pin min. socket. Cap goes to top lead. Good tube reads above 30.								2BJ2		2.5	0	96	62166 61614	3	2	C	C
"									2BN4		2.5	74	17	15214 66111	1	3	1-2-5	5	
1DK29		1.25	0	70	12111 11114	3	2	C	C	2BU2	(5)	2.8	0	35	61121 16114	2	3	C	C
"		Insert 2 base leads into pins 1&2 of 9 pin min. socket. Cap goes to top lead. Good tube reads above 40.								"		Good tube reads above 40. Cap goes to top of tube.							
"									2C51		6.3	30	30	21541 45111	2	3	*	4-6	
"									"		*2-3-4-6-7-8								
1F1		1.4	50	95	14366 52111	1	4	3-6	2	2CN3		2.8	0	80	62666 61614	3	2	C	C
1F2		1.4	7	92	14316 52111	4	3	2-3-6	2	2CW4		2.8	60	40	14251 11111	1	3	2-4-8	2
1F3		1.4	7	85	15316 52111	4	3	2-3-6	2	2CY5		2.5	7	75	51124 36111	2	3	1-2-5-6	5
										2D21		6.3	0	58	61213 43111	2	1	1-2-5-6	6
										2DL4		2.0	55	65	51621 66461	2	2	1-2-8	8
										2DS4		2.5	61	58	14151 11111	1	3	2-4-8	2



TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
3FQ5		2.8	60	70	15214 16111	2	2	1-2-5	5	4BZ7		4.2	80	100	66612 45111	1	2	6-7-8	6
3FS5		2.8	54	20	51214 36111	2	3	1-2-5-6	5	"		4.2	73	100	45112 66611	1	2	1-2-3	1
3FY5		2.8	7	80	65214 61111	2	3	2-5-7	5	4CB6		4.2	40	90	51214 31111	3	2	1-2-5-7	5
3GK5		2.8	30	90	15214 66111	2	2	1-2-5	5	4CE5		4.2	30	20	51214 36111	3	3	1-2-5-6	5
3GS8		2.8	40	50	13412 15661	2	4	1-2-3-7	3	4CM4		3.8	75	40	45121 66661	2	2	1-2-3	1
"		2.8	40	50	13612 65411	2	4	1-2-7-8	8	4CS6		4.2	7	55	51214 31111	2	4	1-2-5-6	5
3HA5		2.8	55	40	51214 66111	1	3	1-2-5	5	4DK6		4.2	65	85	51214 31111	3	2	1-2-5-6	5
3HF5		2.8	50	75	15214 16111	3	2	1-2-5	5	4DL4		4.2	55	65	51621 66461	2	2	1-2-8	8
3HK5		2.5	25	80	51214 66111	2	2	1-2-5	5	4DT6		4.2	8	60	51124 31111	2	4	1-2-5-6	5
3HM5		2.8	90	96	51214 66111	1	2	1-2-5	5	4EH7		4.2	30	40	15612 14311	2	3	1-2-7-8	7
3HM6		2.8	50	30	15621 14361	2	3	1-2-7-8	7	4EJ7		4.2	11	100	15612 14311	2	2	1-2-7-8	7
3HQ5		2.8	20	95	51214 66111	2	2	1-2-5	5	4ES8		4.2	35	50	66621 45111	2	2	6-7-8	6
3JC6		3.8	55	80	15621 14361	3	2	1-2-7-8	7	"		4.2	35	50	45121 66611	2	2	1-2-3	1
3KT6		3.8	50	45	15621 14311	3	2	1-2-7-8	7	4EW6		4.2	75	82	51214 31111	3	2	1-2-5-7	5
3MP26		3.8	71	35	51214 36111	2	2	1-2-5-6	5	4GK5		4.2	30	90	15214 66111	2	2	1-2-5	5
3MR24		2.8	55	100	51214 31111	2	2	1-2-5-6	5	4GM6		4.2	30	70	51214 36111	4	2	1-2-5-6	5
3MV7		2.8	67	98	51214 31111	2	2	1-2-5-6	5	4GS7		4.2	10	70	54112 66661	2	2	1-2-3	2
3Q4		2.8	35	29	14536 62111	2	3	2-3-4	2	"		4.2	65	80	66112 43651	3	2	3-6-7-9	6
3Q5		2.8	25	27	12435 12111	2	3	3-4-5	3	4GS8		4.2	40	50	13412 15661	2	4	1-2-3-7	3
3S4		2.8	7	40	14536 62111	2	3	2-3-4	2	"		4.2	40	50	13612 65411	2	4	1-2-7-8	8
3V4		2.8	30	34	24316 51111	2	3	2	2	4GX7		4.2	70	75	15621 43661	3	2	1-2-6-7	6
4AB8		3.8	70	80	45121 66661	3	2	1-2-3	1	"		4.2	45	40	16621 66451	3	2	1-8-9	8
"		3.8	60	75	66121 46351	3	2	3-6-8-9	6	4GZ5		4.2	60	60	15126 34111	3	2	1-2-6-7	7
4AU6		4.2	70	89	51124 31111	3	2	1-5-6-7	5	4HA5		4.2	55	40	51214 66111	1	3	1-2-5	5
4AV6		4.2	25	85	51216 64111	3	3	1-2-7	7	4HA7	(3)	4.2	50	72	51124 11611	3	3	1-5-6	5
"		4.2	25	14	51216 64111	4	6	2-5-6	5-6	"	(5)	4.2	50	72	54111 21111	3	2	1-2-9	2
4BC5		4.2	15	55	51214 36111	2	3	1-2-5-6	5	4HC7	(0)	5.0	7	85	24111 16151	3	4	2-3	2
4BC8		4.2	20	10	66612 45111	2	3	6-7-8	6	"	(4)	5.0	7	84	45112 11111	3	2	1-8	1
"		4.2	20	10	45112 66611	2	3	1-2-3	1	4HK5		4.2	25	80	51214 66111	2	2	1-2-5	5
4BE6		4.2	30	96	51214 31111	2	3	1-2-5-7	5	4HM5		4.2	90	96	51214 66111	1	2	1-2-5	5
4BF5		4.2	25	60	51124 36111	2	2	1-2-5-6	5	4HM6		4.2	50	30	15621 14361	2	3	1-2-7-8	7
4BL8		4.7	35	70	46612 66151	2	2	1-8-9	1	4HQ5		4.2	20	95	51214 66111	2	2	1-2-5	5
"		4.7	50	70	65312 41661	4	2	2-3-6-7	6	4HS8		4.2	71	85	13612 65411	3	3	1-2-7-8	8
4BN6		4.2	30	80	15123 14111	2	4	1-2-5-7	7	"		4.2	71	85	13412 15661	3	3	1-2-3-7	3
4BQ7		4.2	75	75	66612 45111	2	2	6-7-8	6	4HT6		4.2	75	75	15621 14361	3	2	1-2-7-8	7
"		4.2	75	75	45112 66611	2	2	1-2-3	1	4JC6		4.2	55	80	15621 14361	3	2	1-2-7-8	7
4BS8		4.2	13	20	66612 45111	2	3	6-7-8	6	4JD6		4.7	70	70	15621 14361	3	2	1-2-7-8	7
"		4.2	13	20	45112 66611	2	3	1-2-3	1	4JH6		4.2	30	87	51214 31111	3	2	1-2-5-6	5
4BU8		4.2	24	30	13412 15661	2	4	1-2-3-7	3	4JL6		3.8	18	85	51214 31111	2	2	1-2-5-6	5
"		4.2	42	30	13612 65411	2	4	1-2-7-8	8	4JW8		4.2	62	85	41121 11151	3	2	1-8-9	1
4BX8		4.2	25	75	66621 45111	2	2	6-7-8	6	"		4.2	74	80	15321 41111	3	2	2-3-6-7	6
"		4.2	25	75	45121 66611	2	2	1-2-3	1	4KE8		4.2	30	30	15321 41111	2	3	2-3-6-7	6
4BZ6		4.2	40	85	51214 31111	3	2	1-2-5-6	5	"		4.2	50	80	41121 11151	2	2	1-8-9	1



TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
5JK6		5.0	18	85	51214 31111	2	2	1-2-5-6	5	5Y3		5.0	0	85	12111 41111	2	1	6	6
5JL6		5.0	18	85	51214 31111	2	2	1-2-5-6	5	"		5.0	0	85	12141 11111	2	1	4	4
5KD8		5.0	50	60	46612 66151	3	2	1-8-9	1	5Y4		5.0	0	57	11614 11211	4	1	5	5
"		5.0	80	80	65312 41661	3	2	2-3-6-7	6	"		5.0	0	57	11416 11211	4	1	3	3
5KE8		5.0	30	30	15321 41111	2	3	2-3-6-7	6	5Z3		5.0	0	35	14621 11111	4	1	2	2
"		5.0	50	80	41121 11151	2	2	1-8-9	1	"		5.0	0	35	16421 11111	4	1	3	3
5KZ8		4.7	25	94	46612 66151	2	2	1-8-9	1	6A8		6.3	60	0	61415 32111	2	4	3-5-6-8	3
"		4.7	34	50	65112 43661	2	3	2-3-6	6	"		6.3	60	85	61416 32115	2	3	3-6-8-C	C
5LJ8		5.0	40	85	54112 66661	2	2	1-2-3	2	6AB4		6.3	50	85	41121 51111	3	2	1-6-7	1
"		5.0	50	85	66112 43651	3	2	3-6-7-9	6	6AC7		6.3	13	87	61151 32411	4	2	4-5-6-8	8
5MB8		4.7	40	42	66621 43151	2	3	6-7-8-9	6	6AC10	(5)	6.3	90	12	54121 11111	1	3	1-2-9	2
"		4.7	25	30	54121 66661	2	3	1-2-3	2	"	(3)	6.3	90	12	52114 11111	1	3	1-5-6	5
5MHH3		4.7	45	60	64215 61111	3	2	2-5-7	2	"	(0)	6.3	90	12	21114 15111	1	3	5-6-7	5
"		4.7	45	60	46216 51111	3	2	1-6-7	1	6AD10	(0)	6.3	25	50	21511 34111	4	3	2-3-6-7	7
5MK9		5.0	0	75	66214 66111	2	1	5	5	"	(8)	6.3	30	60	11513 41121	3	2	3-4-5-6	6
5MQ8		5.0	75	60	41121 11151	2	2	1-8-9	1	6AF3		6.3	0	98	66621 66641	1	1	9-C	9
"		5.0	70	90	15321 41111	2	2	2-3-6-7	6	6AF4		6.3	77	77	45211 66111	1	2	1-2-5	1
5R4		5.0	0	55	61646 66211	4	1	4	4	6AF9		6.3	75	75	51342 11111	2	2	1-2-3-4	4
"		5.0	0	55	61666 46211	4	1	6	6	"		6.3	75	75	11112 11534	2	2	7-8-9-C	C
5RDDH1		4.7	0	100	41121 11111	1	1	1-2	1	6AF11	(5)	6.3	65	50	13521 14111	2	2	1-2-3-7	7
"		4.7	0	100	11121 41111	1	1	3-6	6	"	(0)	6.3	94	100	21111 51411	1	2	5-6-8	8
"		4.7	37	70	11121 14511	1	4	4-5-9	7	"	(0)	6.3	88	40	21541 11111	1	3	3-4-7	4
5RHP1		5.0	35	70	46612 66151	2	2	1-8-9	1	6AG5		6.3	70	95	51214 36111	3	2	1-2-5-6	5
"		5.0	50	70	65312 41661	4	2	2-3-6-7	6	6AG7		6.3	60	38	11151 32411	3	2	4-5-6-8	8
5RHR1		5.0	55	65	46612 66151	2	2	1-8-9	1	6AG9	(5)	6.3	20	10	13511 24111	3	2	1-2-3-7	7
"		5.0	58	89	65312 41661	2	2	2-3-6-7	6	"	(0)	6.3	20	75	21115 14661	3	2	5-6-7	7
5T8		5.0	50	50	56612 51661	3	5	1-7	1	6AG11	(0)	6.3	0	100	21411 11111	1	1	2-3	3
"		5.0	50	50	66612 61541	3	3	7-8-9	9	"	(0)	6.3	74	40	21115 41111	1	3	4-5-6	6
"		5.0	50	50	65112 66661	3	4	2-3	2	"	(0)	6.3	71	40	21111 14511	1	3	7-8-9	7
"		5.0	50	50	56612 51661	3	5	6-7	6	"	(8)	6.3	0	100	11114 11121	1	1	5-6	5
5U4		5.0	0	100	12111 41111	1	1	6	6	6AH4		6.3	15	75	51664 62111	1	2	1-5-8	5
"		5.0	0	100	12141 11111	1	1	4	4	6AH6		6.3	75	80	56124 31111	3	2	1-5-6-7	5
5U8		5.0	55	90	46612 66151	2	2	1-8-9	1	6AH9	(0)	6.3	40	50	25411 11111	3	2	2-3-4	3
"		5.0	44	73	65312 41661	2	3	2-3-6-7	6	"	(7)	6.3	70	50	13114 11215	2	2	1-2-5-C	5
5U9		6.3	50	50	16112 16145	1	3	1-9-C	9	6AJ7		6.3	13	87	61151 32411	4	2	4-5-6-8	8
"		6.3	35	40	61512 14311	1	4	2-3-7-8	7	6AJ8		6.3	92	92	35121 43661	2	2	1-2-3-6-7	6
5V4		5.0	0	65	11141 61211	2	1	4	4	"		6.3	76	76	35121 43451	1	3	8-9	8
"		5.0	0	65	11161 41211	2	1	6	6	6AK5		6.3	35	35	51214 36111	2	3	1-2-5-6	5
5V6		4.7	40	40	61436 62111	4	2	3-4-5-8	3	6AK6		6.3	50	89	51124 31111	3	2	1-5-6-7	5
5V9		5.0	65	65	11532 14111	1	4	1-3-4-7	7	6AK7		6.3	60	38	11151 32411	3	2	4-5-6-8	8
"		5.0	55	55	11112 11514	1	3	8-9-C	C	6AK9	(8)	6.3	66	66	11665 42111	1	3	2-5-6	6
5X8		4.7	20	30	16621 15341	3	3	6-7-8-9	9	"	(8)	6.3	66	66	11536 62111	1	3	2-3-4	4
"		4.7	20	90	15421 16611	2	2	2-3	3	"	(0)	6.3	66	66	24516 61661	1	3	2-3-7	2
5X9		6.3	87	40	16112 16645	1	3	1-9-C	9	6AK10	(0)	6.3	65	75	21114 15111	2	2	5-6-7	5
"		6.3	18	10	61512 14311	2	3	2-3-7-8	7	"	(6)	6.3	65	74	11152 11411	2	2	4-8-9	8
										"	(8)	6.3	66	75	11154 12111	2	2	4-5-C	5

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6AL3		6.3	0	100	66612 66641	1	1	9-C	9	6AU8		6.3	80	80	15412 66661	2	2	1-2-3	3
6AL5		6.3	0	98	16211 14111	1	1	1-7	7	"		6.3	80	80	66612 15341	2	2	6-7-8-9	9
"		6.3	0	98	14211 16111	1	1	2-5	2	6AV5		6.3	10	80	51114 12311	4	1	1-3-5-8	5
6AL9	(5)	6.3	10	41	13511 24111	2	3	1-2-3-7	7	6AV6		6.3	25	85	51216 64111	3	3	1-2-7	7
"	(0)	6.3	90	45	21115 14111	2	2	5-6-7	7	"		6.3	25	14	51216 64111	4	6	2-5-6	5-6
6AL11	(0)	6.3	45	40	21516 43111	3	3	2-6-7	6	6AV11	(0)	6.3	50	95	21114 15111	2	2	5-6-7	5
"	(8)	6.3	55	60	11513 41121	3	2	3-4-5-6	6	"	(5)	6.3	50	95	11521 14111	2	2	3-7-8	7
6AM4		6.3	80	70	51664 62161	3	2	1-2-5	5	"	(5)	6.3	50	95	54121 11111	2	2	1-2-9	1
6AM8		6.3	0	10	66612 61411	1	2	7-8	8	6AW8		6.3	50	50	66621 15341	3	2	6-7-8-9	9
"		6.3	40	40	15312 41111	2	3	1-2-3-6	6	"		6.3	72	72	15421 66661	3	2	1-2-3	3
6AN4		6.3	7	93	45211 66111	4	2	1-2-5	1	6AX3	(0)	6.3	0	72	21141 11111	2	1	4-7	4
6AN5		6.3	50	50	51214 36111	2	2	1-2-5-6	5	6AX4		6.3	0	100	66114 12111	1	1	3-5	5
6AN8		6.3	20	40	45112 66661	3	2	1-2-3	1	6AX5		6.3	0	60	61416 12111	4	1	3-8	3
"		6.3	60	60	66612 43511	3	2	6-7-8-9	6	"		6.3	0	60	61614 12111	4	1	5-8	5
6AQ5		6.3	70	34	51124 36111	3	2	1-2-5-6	5	6AX7		6.3	37	75	45112 66661	2	3	1-2-3	1
6AQ6		6.3	14	89	51216 64111	3	3	1-2-7	7	"		6.3	40	76	66612 45161	2	3	6-7-8	6
"		6.3	14	89	51214 64111	3	6	5-6	5-6	6AX8		6.3	55	90	46612 66151	2	2	1-8-9	1
6AQ7		6.3	50	50	51511 12111	2	5	1-2-3	1-3	"		6.3	25	35	65312 41661	3	3	2-3-6-7	6
"		6.3	7	39	61654 12111	4	4	4-5-6	5	6AY3		6.3	0	25	66621 64611	3	1	7-9	7
6AQ8		6.3	80	80	66621 45111	2	2	6-7-8	6	6AY11	(4)	6.3	95	63	51112 15111	3	2	1-2-6-7	1-7
"		6.3	80	80	45121 66611	2	2	1-2-3	1	"	(0)	6.3	60	60	21115 44511	2	3	*	6-7
6AR5		6.3	65	33	51124 36111	4	2	1-2-5-6	2	"		*4-5-6-7-8-9							
6AR8		6.3	20	20	11421 51441	4	3	3-8-8-9	8-9	6AZ8		6.3	80	70	43121 51111	3	2	1-2-3	1
6AR11	(0)	6.3	30	30	24315 11111	2	3	2-3-4-5-6	2	"		6.3	55	45	11121 11451	3	2	7-8-9	8
"	(7)	6.3	34	34	14351 11211	2	3	1-2-3-4-5	2	6B4		6.3	55	70	12415 11111	3	2	2-3	3
6AS5		6.3	7	25	15126 34111	4	2	1-2-6-7	7	6B8		6.3	30	60	61466 32115	3	3	3-6-8	3
6AS6		6.3	30	40	51214 31111	3	3	1-2-5-6	5	"		6.3	85	85	61655 62116	2	4	4-5-8	4-5
6AS7		6.3	15	10	11154 12111	2	1	4-5-6	5	6B10	(0)	6.3	86	48	21541 11111	2	2	2-3-4	4
"		6.3	15	10	54111 12111	2	1	1-2-3	2	"	(0)	6.3	86	48	21115 41111	2	2	5-6-7	6
6AS8		6.3	20	10	35112 61641	3	3	1-2-3-9	9	"	(6)	6.3	70	85	61511 12111	2	3	2-3	3
"		6.3	0	10	66612 46161	1	2	6-8	6	"	(6)	6.3	70	85	51611 12111	2	3	1	1
6AS11	(5)	6.3	35	65	13521 14111	3	2	1-2-3-7	7	6BA3		6.3	0	35	66621 64611	4	1	7-9	7
"	(0)	6.3	30	90	21111 51411	3	2	5-6-8	8	6BA5		6.3	20	62	51114 23111	3	3	1-5-7-8	5
"	(0)	6.3	30	90	21541 11111	3	2	3-4-7	4	6BA6		6.3	75	75	51214 31111	3	2	1-5-6-7	5
6AT6		6.3	13	93	51216 64111	1	4	2-7	7	6BA7		6.3	20	90	35121 15141	2	3	1-2-3-9	9
"		6.3	67	36	11215 51111	2	6	5-6	5-6	6BA8		6.3	70	70	15412 66661	2	2	1-2-3	3
6AT7N		6.3	30	90	66621 45111	3	2	6-7-8	6	"		6.3	75	75	66612 15341	2	2	6-7-8-9	9
"		6.3	30	90	45121 66611	3	2	1-2-3	1	6BA11	(0)	6.3	33	33	24351 66161	3	4	2-3-4-8	2
6AT8		6.3	63	91	54112 66661	2	2	1-2-3	2	"	(0)	6.3	33	33	26356 41161	3	4	3-4-6-8	6
"		6.3	66	95	66112 43151	3	2	6-7-9	6	"	(5)	6.3	57	57	51411 26666	3	2	1-2-3	3
6AU4		6.3	0	62	66114 11211	1	2	3-5	5	6BB14▲		6.3	8	94	12121 36614	1	2	1-3-6-C	C
6AU5		6.3	25	90	51114 12311	3	1	1-3-5-8	5	6BC4		6.3	20	87	35621 16661	3	2	1-2-6	1
6AU6		6.3	70	89	51124 31111	3	2	1-5-6-7	5	6BC5		6.3	15	55	51214 36111	2	3	1-2-5-6	5
6AU7		6.3	95	100	45121 11161	1	2	1-2-3	1	6BC7		6.3	47	47	15612 66111	3	4	1-2	2
"		6.3	95	100	11121 45161	1	2	6-7-8	6	"		6.3	47	47	66612 51661	3	4	6-7	6
										"		6.3	47	47	66612 66511	3	4	8-9	8

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6BC8		6.3	20	10	66612 45111	2	3	6-7-8	6	6BL7		6.3	50	55	11154 12111	2	2	4-5-6	5
"		6.3	20	10	45112 66611	2	3	1-2-3	1	"		6.3	50	55	54111 12111	2	2	1-2-3	2
6BD11	(5)	6.3	47	85	13521 14111	2	2	1-2-3-7	7	6BL8		6.3	35	70	46612 66151	2	2	1-8-9	1
"	(0)	6.3	59	90	21541 11111	2	2	3-4-7	4	"		6.3	50	70	65312 41661	4	2	2-3-6-7	6
"	(0)	6.3	59	90	21111 51411	2	2	5-6-8	8	6BM8		6.3	70	85	56621 66141	3	2	1-8-9	9
6BE3	(0)	6.3	0	75	21141 11111	2	1	4-7	4	"		6.3	35	55	61521 43661	2	2	2-3-6-7	6
6BE6		6.3	30	90	51214 31111	2	3	1-2-5-7	5	6BN4		6.3	74	17	15214 66111	1	3	1-2-5	5
6BF5		6.3	25	60	51124 36111	2	2	1-2-5-6	5	6BN6		6.3	30	80	15123 14111	2	4	1-2-5-7	7
6BF6		6.3	85	90	11215 51111	3	4	5-6	5-6	6BN7		6.3	25	75	15123 14111	2	4	1-2-5-6-7	7
"		6.3	85	90	51216 64111	2	2	1-2-7	7	6BN8		6.3	50	40	51612 66661	1	6	1-2	1
6BF7		6.3	15	30	66161 25411	3	3	5-7-8	8	"		6.3	50	40	66112 56661	1	6	3-6	6
"		6.3	15	30	45116 26611	3	3	1-2-4	1	"		6.3	7	65	66612 64511	1	4	7-8-9	7
6BF8		6.3	65	75	56621 16661	2	4	1-6	1	6BN11	(0)	6.3	80	90	21534 11111	2	2	2-3-4-5	5
"		6.3	65	75	65621 16661	2	4	2	2	"	(8)	6.3	80	90	15131 41121	2	2	2-3-4-6	6
"		6.3	65	75	66521 16661	2	4	3	3	6BQ5		6.3	60	95	65121 64631	4	1	2-3-7-9	7
"		6.3	65	75	66621 15661	2	4	7	7	6BQ6		6.3	85	80	12635 61114	2	1	4-5-8-C	C
"		6.3	65	75	66621 16561	2	4	8	8	6BQ7		6.3	65	65	66612 45111	2	2	6-7-8	6
"		6.3	65	75	66621 16651	2	4	9	9	"		6.3	65	65	45112 66611	2	2	1-2-3	1
6BF11	(0)	6.3	52	70	21511 34111	3	3	2-3-6-7	7	6BR3		6.3	0	75	66621 66641	2	1	9-C	9
"	(6)	6.3	50	55	51341 12111	2	2	1-2-3-4	4	6BR5		6.3	0	15	11621 64641	4	5	1-7-9	7
6BG6		6.3	85	90	12115 11314	4	1	3-5-8-C	C	"		6.3	0	15	11621 61641	4	5	7	7
6BH3		6.3	0	45	66621 64611	4	1	7-9	7	6BR8		6.3	16	30	54112 66661	2	3	1-2-3	2
6BH6		6.3	65	65	51214 31111	2	3	1-2-5-6	5	"		6.3	25	98	66612 43151	4	2	6-7-8-9	6
6BH8		6.3	40	40	15412 66661	3	2	1-2-3	3	6BS3		6.3	0	75	66621 64611	2	1	7-9	7
"		6.3	30	30	66612 15341	2	3	6-7-8-9	9	6BS8		6.3	13	20	66612 45111	2	3	6-7-8	6
6BH11	(0)	6.3	40	60	21451 11111	3	2	2-3-4	3	"		6.3	13	20	45112 66611	2	3	1-2-3	1
"	(0)	6.3	40	60	21111 54111	3	2	5-6-7	6	6BU8		6.3	24	30	13412 15661	2	4	1-2-3-7	3
"	(6)	6.3	80	85	53411 12111	3	2	1-2-3-4	3	"		6.3	42	30	13612 65411	2	4	1-2-7-8	8
6BJ3	(0)	6.3	0	75	21141 11111	2	1	4-7	4	6BV8		6.3	50	50	66612 56161	4	3	6-8	6
6BJ6		6.3	55	26	51214 31111	2	3	1-2-5-6	5	"		6.3	50	50	66612 61651	4	3	7-9	9
6BJ7		6.3	20	58	15612 66661	2	4	1-2	2	"		6.3	15	15	15412 61661	2	3	1-2-3	3
"		6.3	20	58	66612 51661	2	4	6-7	6	6BV11	(0)	6.3	40	40	21431 51111	3	3	3-4-5-6	3
"		6.3	20	58	66612 66511	2	4	8-9	8	"	(7)	6.3	40	40	51341 11211	3	3	1-2-3-4	4
6BJ8		6.3	50	50	51612 66661	1	6	1-2	1	6BW3	(7)	6.3	0	67	11141 11211	2	1	1-4	4
"		6.3	50	50	66112 56661	1	6	3-6	6	"		6.3	0	50	66612 64611	1	2	7-9	7
"		6.3	7	45	66612 64511	2	3	7-8-9	7	6BW4		6.3	0	50	46612 66611	1	2	1-9	1
6BK4		6.3	45	60	11665 62614	3	4	1-5-C	C	6BW6		6.3	40	70	56121 64311	3	2	1-3-7-8	7
"		Good tube reads above 40.								6BW8		6.3	70	70	51512 66661	3	4	1-2-3	1-3
6BK5		6.3	93	30	41512 16311	2	2	1-2-6-9	1	"		6.3	70	90	66612 51341	3	2	6-7-8-9	9
6BK7		6.3	65	85	66621 45111	2	2	6-7-8	6	6BW11	(6)	6.3	45	70	43151 12111	3	2	1-2-3-4	1
"		6.3	65	85	45121 66611	2	2	1-2-3	1	"	(2)	6.3	70	82	11215 34111	3	2	4-5-6-7	7
6BK8		6.3	55	60	51121 41151	3	4	1-3-6-9	6	6BX7		6.3	32	32	11154 12111	2	2	4-5-6	5
6BK11	(8)	6.3	50	50	11654 62111	3	3	4-5-C	5	"		6.3	32	32	54111 12111	2	2	1-2-3	2
"	(0)	6.3	50	50	21114 15111	3	3	5-6-7	5	6BX8		6.3	25	75	66621 45111	2	2	6-7-8	6
"	(6)	6.3	50	50	11151 12411	3	3	4-8-9	8	"		6.3	25	75	45121 66611	2	2	1-2-3	1

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6BY5		6.3	0	36	11146 12611	4	1	1-4	4	6CG7		6.3	30	30	66612 45111	2	3	6-7-8	6
"		6.3	0	36	61164 12111	4	1	5-8	5	"		6.3	30	30	45112 66611	2	3	1-2-3	1
6BY6		6.3	30	95	51214 31111	1	4	1-2-5-6-7	5	6CG8		6.3	65	85	54112 66661	2	2	1-2-3	2
6BY7		6.3	45	60	15621 14311	2	3	1-2-7-8	7	"		6.3	35	19	66112 43651	3	3	3-6-7-9	6
6BY8		6.3	30	40	56121 14311	3	3	1-7-8-9	7	6CH3		6.3	0	70	66621 64621	2	1	7-9	7
"		6.3	0	75	11121 41111	2	1	3-6	6	6CH8		6.3	45	45	14321 15111	2	3	2-3-6-7	2
6BY11	(0)	6.3	50	50	21511 34111	3	3	2-3-6-7	7	"		6.3	50	50	11121 11541	3	2	1-8-9	9
"	(8)	6.3	50	50	11513 41121	2	2	3-4-5-6	6	6CH40		6.3	92	92	35121 43661	2	2	1-2-3-6-7	6
6BZ3	(0)	6.3	0	65	21146 61661	2	1	4-7	4	"		6.3	76	76	35121 43451	1	3	8-9	8
6BZ6		6.3	40	85	51214 31111	3	2	1-2-5-6	5	6CJ3		6.3	0	20	66621 64611	4	1	7-9	7
6BZ7		6.3	80	100	66612 45111	1	2	6-7-8	6	6CJ6		6.3	30	20	65121 66314	2	2	2-3-9-C	C
"		6.3	73	100	45112 66611	1	2	1-2-3	1	6CK3		6.3	0	65	64621 66611	2	1	2-9	2
6BZ8		6.3	7	25	66612 45111	2	3	6-7-8	6	6CK4		6.3	64	64	51614 12111	3	1	1-5-8	5
"		6.3	7	60	45112 66611	2	3	1-2-3	1	6CL3		6.3	0	25	66621 64611	3	1	7-9	7
6C4		6.3	93	100	46126 51111	1	2	1-6-7	1	6CL5		6.3	45	85	62156 61314	2	1	3-4-8-C	C
6C5		6.3	65	80	62465 61111	2	2	3-5-8	3	6CL6		6.3	55	55	15321 41661	3	2	1-2-3-6-7	6
6C9		6.3	36	15	53421 11111	2	3	1-2-3-C	3	"		6.3	30	35	54121 11111	3	2	1-2-3	2
"		6.3	36	15	11121 15341	2	3	6-7-8-9	9	"		6.3	70	90	11121 43151	3	2	6-7-8-9	6
6C10	(0)	6.3	50	50	21114 15111	3	3	5-6-7	5	6CM3		6.3	0	35	64621 66611	3	1	2-9	2
"	(4)	6.3	50	50	15112 41116	3	3	2-6-7	6	6CM4		6.3	55	70	45121 66661	2	2	1-2-3	1
"	(5)	6.3	50	50	54111 21111	3	3	1-2-9	2	6CM5		6.3	30	20	62635 11114	2	2	5-8-C	C
6C16		6.3	35	70	46612 66151	2	2	1-8-9	1	6CM6		6.3	45	25	36512 61641	4	2	1-3-7-9	9
"		6.3	50	70	65312 41661	4	2	2-3-6-7	6	6CM7		6.3	80	67	66112 45661	2	2	3-6-7	6
6C18		6.3	30	30	46121 66151	3	2	1-8-9	1	"		6.3	40	65	46612 66511	2	2	1-8-9	1
"		6.3	70	70	63421 65161	3	2	2-3-7-8	3	6CM8		6.3	7	25	46612 66151	4	4	1-8-9	1
6CA4		6.3	0	70	46121 66111	2	1	1-3	1	"		6.3	7	50	65112 43661	4	3	2-3-6-7	6
"		6.3	0	70	66121 64111	2	1	3-7	7	6CN7		6.3	20	87	66612 15461	1	4	6-7-8	8
6CA7		6.3	30	95	11435 12111	4	1	3-4-5-8	3	"		6.3	10	35	55112 66661	4	6	1-2-3	1-2
6CA11	(0)	6.3	11	50	21141 51111	2	3	4-5-6	4	6CQ4		6.3	0	70	66114 12111	2	1	3-5	5
"	(0)	6.3	20	50	24511 11111	2	3	2-3-7	2	6CQ8		6.3	50	50	15321 41111	2	3	2-3-6-7	6
"	(8)	6.3	60	54	11513 42111	2	2	3-4-5-6	6	"		6.3	15	15	41121 11151	2	3	1-8-9	1
6CB5		6.3	10	75	31156 62614	3	1	1-3-4-C	C	6CR6		6.3	7	23	15126 66111	4	6	1-2	2
6CB6		6.3	40	90	51214 31111	3	2	1-2-5-7	5	"		6.3	15	30	16124 35111	4	3	1-5-6-7	5
6CC31		6.3	20	20	64125 61111	2	3	2-5-7	2	6CS6		6.3	11	19	51214 31111	2	4	1-2-5-6	5
"		6.3	20	20	46126 51111	2	3	1-6-7	1	"		6.3	75	90	66612 45161	2	2	6-7-8	6
6CC42		6.3	30	30	21541 45111	2	3	2-3-4-6-7-8	4-6	"		6.3	25	80	46512 66611	2	2	1-3-9	1
6CC43		6.3	80	80	66621 45111	2	2	6-7-8	6	6CT3		6.3	0	93	64621 66611	1	1	2-9	2
"		6.3	80	80	45121 66611	2	2	1-2-3	1	6CU5		6.3	23	90	15216 34111	3	1	1-2-6-7	7
6CD3	(0)	6.3	0	59	21146 61661	2	1	4-7	4	6CU6		6.3	25	80	11635 62114	4	1	4-5-8-C	C
6CD6		6.3	90	90	12115 11314	2	1	3-5-8-C	C	6CU8		6.3	7	45	14312 15141	3	3	2-6-7	2
6CE3	(0)	6.3	0	59	21146 61661	2	1	4-7	4	"		6.3	7	65	16612 66541	3	2	1-8-9	9
6CE5		6.3	30	20	51214 36111	3	3	1-2-5-6	5	6CW4		6.3	27	40	14151 11111	1	3	2-4-8	2
6CF6		6.3	40	5	51214 31111	3	3	1-2-5-6	5	6CW5		6.3	25	35	65121 64631	2	2	2-3-7-9	7
6CG3	(0)	6.3	0	65	21146 61661	2	1	4-7	4	6CX8		6.3	85	85	15412 66661	2	2	1-2-3	3
"		6.3	0	65	21146 61661	2	1	4-7	4	"		6.3	75	75	66612 15341	2	2	6-7-8-9	9

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6CY5		6.3	7	65	51124 36111	2	3	1-2-5-6	5	6DT5		6.3	30	30	31521 61641	3	2	1-3-7-9	9
6CY7		6.3	55	70	46521 11111	2	1	1-3-9	1	6DT6		6.3	8	60	51214 31111	2	4	1-2-5-6	5
"		6.3	50	55	16121 45111	2	3	6-7-8	6	6DT8		6.3	30	90	66621 45111	3	2	6-7-8	6
6CZ5		6.3	40	67	31521 61641	2	2	1-3-7-9	9	"		6.3	30	90	45121 66611	3	2	1-2-3	1
6D1		6.3	50	50	46126 51111	3	3	1-6-7	1	6DU3	(0)	6.3	0	60	21146 61661	2	1	4-7	4
6D4		6.3	0	70	56126 41111	2	1	1-5-7	7	6DV4		6.3	14	100	64251 61111	1	2	2-4-7	2
6D10	(0)	6.3	70	70	21114 15611	3	2	5-6-7	5	6DW4		6.3	0	95	66621 64611	1	1	7-9	7
"	(3)	6.3	70	70	51124 11111	3	2	1-5-6	5										
"	(5)	6.3	70	70	54121 11111	3	2	1-2-9	2	6DW5		6.3	60	70	36512 61641	3	1	1-3-7-9	9
6DA4		6.3	0	65	66114 12111	2	1	3-5	5	6DX4		6.3	10	40	45211 66111	1	3	1-2-5	1
6DA6		6.3	35	40	15121 14311	2	3	2-3-7-8	7	6DX8		6.3	30	55	54121 11111	2	3	1-2-3	2
6DB5		6.3	7	85	31512 61641	1	3	1-3-6-9	9	"		6.3	30	20	11121 41531	2	3	6-7-8-9	6
6DB6		6.3	7	85	51214 31111	3	3	1-2-5-6	5	6DZ4		6.3	46	82	45211 66111	1	2	1-2-5	1
6DC6		6.3	7	9	51214 31111	3	3	1-2-7	5	6E5		6.3	7	80	24541 11111	4	4	2-3-4-5	4
6DC8		6.3	60	60	35112 46661	4	2	1-2-3-6	6	6E8		6.3	7	30	12435 41111	2	4	3-4-5-6-8	3
"		6.3	80	90	66112 65561	3	4	3-7-8	7-8	"		6.3	15	35	12435 41111	2	4	6	6
6DE4		6.3	0	75	66114 12111	2	1	3-5	5	6EA4	(3)	6.3	50	45	11266 61514	4	4	7-8-C	C
6DE6		6.3	70	85	51214 31111	3	2	1-2-5-6	5	"		Cap goes to top of tube.							
6DE7		6.3	75	75	11121 45111	3	2	6-7-8	6	6EA5		6.3	70	75	51214 36111	3	2	1-2-5-6	5
"		6.3	40	40	45621 11111	3	1	1-2-9	1	6EA7		6.3	15	82	11154 12111	4	3	4-5-6	5
6DG6		6.3	7	93	61435 62111	3	1	3-4-5-8	3	"		6.3	20	70	54111 12111	2	1	1-2-3	2
6DJ8		6.3	50	50	66621 45111	2	2	6-7-8	6	6EA8		6.3	75	65	46612 66151	2	2	1-8-9	1
"		6.3	50	50	45121 66611	2	2	1-2-3	1	"		6.3	60	80	65312 41661	3	2	2-3-6-7	6
6DK3		6.3	0	55	14621 66661	2	1	2-C	2	6EB5		6.3	40	50	15211 15111	4	4	1-2-5-7	2-7
6DK6		6.3	65	85	51214 31111	3	2	1-2-5-6	5	6EB8		6.3	70	70	15412 66661	4	2	1-2-3	3
6DL3		6.3	0	54	64621 66661	2	1	2-C	2	"		6.3	75	75	66612 15341	2	2	6-7-8-9	9
6DL4		6.3	55	65	51621 66461	2	2	1-2-8	8	6EC4▲		6.3	0	25	64121 66661	3	1	2-C	2
6DL5		6.3	7	92	51214 36111	3	2	1-2-6	5	6ED4▲		6.3	60	15	16621 66564	4	5	1-8-C	C
6DN3		6.3	0	52	64612 66611	2	1	2-9	2	6EF4	(2)	6.3	40	60	21166 61564	4	4	7-8-C	C
6DN7		6.3	30	15	11154 12111	2	3	4-5-6	5	6EH4	(2)	6.3	70	75	11261 11514	3	4	7-8-C	C
"		6.3	30	35	54154 12111	2	2	1-2-3	2	"		Cap goes to top of tube.							
6DQ3	(0)	6.3	0	60	21146 61661	2	1	4-7	4	6EH5		6.3	47	47	15126 34111	2	2	1-2-6-7	7
6DQ4		6.3	0	80	66114 12111	2	1	3-5	5	6EH7		6.3	30	40	15612 14311	2	3	1-2-7-8	7
6DQ5		6.3	69	69	52136 61614	2	1	1-3-4-C	C	6RH8		6.3	20	65	15412 66661	3	2	1-2-3	3
6DQ6		6.3	78	78	11635 62114	1	2	4-5-8-C	C	"		6.3	20	75	66612 15341	2	3	6-7-8-9	9
6DR4		6.3	50	50	46126 51111	3	3	1-6-7	1	6EJ4	(2)	6.3	70	90	11261 11514	3	4	7-8-C	C
6DR7		6.3	28	28	11121 45111	4	3	6-7-8	6	"		Cap goes to top of tube.							
"		6.3	28	28	45621 11111	1	2	1-2-9	1	6EJ7		6.3	11	100	15612 14311	2	2	1-2-7-8	7
6DS4		6.3	50	75	14251 11111	2	2	2-4-8	2	6EL4		6.3	20	50	11665 62614	4	5	1-5-C	C
6DS5		6.3	7	40	51124 36111	2	3	1-2-5-6	5	6EM5		6.3	10	60	36512 61641	3	2	1-3-7-9	9
6DS8		6.3	45	53	66121 66451	3	2	3-8-9	8	6EM7		6.3	55	55	11154 12111	2	3	4-5-6	5
"		6.3	40	50	35121 46661	3	3	1-2-3-6	6	"		6.3	55	55	54111 12111	2	1	1-2-3	2
6DT3	(5)	6.3	0	95	66611 26641	1	1	9-C	9	6EN4		6.3	80	54	12665 61614	3	4	1-5-C	C
6DT4		6.3	0	80	66114 12111	2	1	3-5	5	6EQ7		6.3	30	40	15121 34661	2	3	2-3-6-7	7
										"		6.3	0	40	11121 11461	1	3	8	8
										6ER5		6.3	15	25	65214 61111	2	3	2-5-7	5

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6ES5		6.3	20	15	65214 61111	2	3	2-5-7	5	6FH8		6.3	81	20	65412 66661	1	3	2-3	3
6ES8		6.3	7	60	66612 45111	2	2	6-7-8	6	"		6.3	77	71	46612 53661	2	3	1-6-7	1
"		6.3	7	60	45112 66611	2	2	1-2-3	1	"		6.3	85	71	66612 53461	2	3	6-7-8	8
6EU7		6.3	26	80	12166 64511	3	3	7-8-9	7	"		6.3	14	71	66612 53641	2	3	6-7-9	9
"		6.3	26	80	12115 46661	3	3	4-5-6	6	6FJ7	(0)	6.3	25	55	21514 61111	2	2	3-5-7	5
6EU8		6.3	7	28	65412 16661	2	3	2-3-6	3	"	(5)	6.3	45	75	15411 21111	3	2	1-2-3	3
"		6.3	14	95	46612 65131	2	3	1-7-8-9	1	6FM7	(8)	6.3	30	30	11615 41121	3	3	4-5-6	6
6EV5		6.3	60	60	51214 36111	3	2	1-2-5-6	5	"	(0)	6.3	50	50	21514 61611	2	1	3-5-7	5
6EV7		6.3	20	10	11121 45111	3	3	6-7-8	6	6FMS		6.3	0	100	14112 11111	1	1	2-3	2
"		6.3	20	10	45121 11111	3	3	1-2-3	1	"		6.3	0	98	11112 41111	1	1	1-6	6
6EW6		6.3	75	82	51214 31111	3	2	1-2-5-7	5	"		6.3	77	85	66612 61541	1	3	7-8-9	9
6EW7		6.3	90	42	11121 45111	1	3	6-7-8	6	6FQ5		6.3	60	70	15214 16111	2	2	1-2-5	5
"		6.3	84	90	45621 11111	1	1	1-2-9	1	6FQ7		6.3	31	31	11121 45111	2	3	6-7-8	6
6EX6		6.3	35	50	12115 11314	3	2	3-5-8-C	C	"		6.3	31	31	45121 11111	2	3	1-2-3	1
6EZ5		6.3	60	40	61435 62111	3	2	3-4-5-8	3	6FR7		6.3	40	75	11121 45111	3	3	6-7-8	6
6EZ8		6.3	10	30	15412 66661	2	4	1-2-3	3	"		6.3	20	30	45621 11111	3	1	1-2-9	1
"		6.3	15	85	66612 45661	2	3	6	6	6FS5		6.3	54	20	51214 36111	2	3	1-2-5-6	5
"		6.3	15	75	66612 66451	2	3	8	8	6FV6		6.3	55	70	56214 31111	3	2	1-5-6-7	5
6F5		6.3	88	83	11141 12115	2	2	4-8-C	4	6FV8		6.3	60	85	66621 43151	3	2	6-7-8-9	6
6F6		6.3	75	75	61435 62111	2	2	3-4-5-8	3	"		6.3	60	70	54121 66661	2	2	1-2-3	2
6F10		6.3	13	87	61151 32411	4	2	4-5-6-8	8	6FW5		6.3	80	85	52114 11311	3	1	1-3-5-8	5
6F19		6.3	45	60	15621 14311	2	3	1-2-7-8	7	6FY5		6.3	7	70	65214 61666	2	3	2-5-7	5
6F21		6.3	25	70	51124 13111	3	3	1-2-5-7	5	6FY7	(0)	6.3	20	100	21514 11611	1	1	3-5-7	5
6F22		6.3	20	30	31121 41151	4	3	1-3-6-9	6	"	(6)	6.3	40	57	61541 12111	1	4	2-3-4	4
6F23		6.3	30	40	15612 14311	2	3	1-2-7-8	7	6G11	(0)	6.3	7	75	21511 43111	2	4	2-3-4-6-7	6
6F26		6.3	45	60	15621 14311	2	3	1-2-7-8	7	"	(6)	6.3	87	97	51342 11111	2	1	1-2-3-4	4
6F29	(0)	6.3	0	90	24111 66111	1	1	2-4	2	6GA7	(0)	6.3	70	60	23651 64661	3	1	2-4-5-7	7
"	(7)	6.3	45	60	61563 16214	2	1	2-3-5-C	C	"	(6)	6.3	0	75	16641 12111	2	1	1-4	4
6F30		6.3	11	100	15612 14311	2	2	1-2-7-8	7	6GB3		6.3	50	70	12135 11114	2	2	4-5-8-C	C
6F32		6.3	35	35	51214 36111	2	3	1-2-5-6	5	6GB5▲		6.3	78	78	65121 36664	1	2	2-3-6-C	C
6F33		6.3	30	40	51214 31111	3	3	1-2-5-6	5	6GB6		6.3	91	80	11635 62114	2	1	4-5-8-C	C
6F35		6.3	7	78	51214 36111	1	4	1-2-5-6	5	6GB7		6.3	42	72	12135 11114	2	2	4-5-8-C	C
6FD6		6.3	25	25	51124 31111	2	3	1-5-6-7	5	6GB9		6.3	78	78	11635 62114	1	2	4-5-8-C	C
6FD7		6.3	50	60	11121 45111	3	3	6-7-8	6	6GC5		6.3	40	50	36512 61641	2	2	1-3-7-9	9
"		6.3	50	60	45621 11111	2	1	1-2-9	1	6GE5	(0)	6.3	60	84	23516 64661	2	1	2-3-4-7	7
6FE5		6.3	70	75	12435 11111	3	1	3-4-5-8	3	6GF5	(0)	6.3	50	70	23516 64661	3	1	2-3-4-7	7
6FG5		6.3	25	25	51214 36111	4	3	1-2-5-6	5	6GF7		6.3	27	95	11121 11451	2	3	1-8-9	8
6FG6		6.3	15	60	56121 44641	2	5	1-3-6-7-9	9	"		6.3	15	15	65121 41111	1	2	2-3-6	6
"		6.3	15	60	56121 43641	2	5	9	9	6GH8		6.3	80	89	65312 41661	2	2	2-3-6-7	6
6FG7		6.3	50	90	54112 66661	2	2	1-2-3	2	"		6.3	36	89	46612 66151	2	2	1-8-9	1
"		6.3	72	90	66112 43651	3	2	3-6-7-9	6	"		Good tube reads above 50.							
6FH5		6.3	10	45	65214 61666	2	3	2-5-7	5	6GJ5		6.3	55	95	35121 66164	2	1	1-2-3-C	C
6FH6		6.3	20	20	11635 62114	2	2	4-5-8	C	6GJ7		6.3	22	50	15612 43661	2	3	1-2-6-7	6
										"		6.3	22	50	16612 66451	2	2	1-8-9	8
										6GK5		6.3	30	90	15214 66111	2	2	1-2-5	5



TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6J4		6.3	7	40	61126 54111	2	3	2-6-7	7	6JS6	(4)	6.3	65	65	66112 13654	2	1	6-7-8-9-C	C
6J5		6.3	88	20	61465 62111	1	3	3-5-8	3	"		Cap goes to top of tube.							
6J6		6.3	20	20	64125 61111	2	3	2-5-7	2	6JT6		6.3	58	75	35121 66641	1	2	1-2-3-9	9
"		6.3	20	20	46126 51111	2	3	1-6-7	1	6JT8		6.3	40	40	15412 66661	3	3	1-2-3	3
6J7		6.3	37	36	61431 62115	1	4	3-4-8-C	3	"		6.3	20	30	66612 15341	3	2	6-7-8-9	9
6J9		6.3	60	70	45121 11111	3	2	1-2-3	1	6JU6		6.3	100	98	65121 63164	1	1	2-3-7-C	C
"		6.3	60	70	11121 46651	3	2	6-9-10	6	6JU8		6.3	0	98	41121 11111	1	1	1-2	1
"		6.3	60	70	11121 65461	3	2	7-8-10	8	"		6.3	0	98	64121 11111	1	1	2-3	2
6J10	(6)	6.3	55	55	14151 12311	3	2	2-4-8-9	2	"		6.3	0	98	11121 14111	1	1	7-8	7
"	(0)	6.3	40	35	21141 35111	4	4	4-6-7-8	4	"		6.3	0	98	11121 16411	1	1	8-9	8
6J11	(0)	6.3	65	75	23465 11111	3	2	2-3-5-6	3	6JV8		6.3	65	65	66621 15341	3	2	6-7-8-9	9
"	(7)	6.3	65	75	31465 21111	3	2	1-2-3-5	3	"		6.3	60	80	15421 66661	3	2	1-2-3	3
6JA5	(0)	6.3	85	85	25316 46661	1	2	2-3-4-6	6	6JW8		6.3	62	85	41121 11151	3	2	1-8-9	1
6JA8		6.3	69	93	66612 15341	3	2	6-7-8-9	9	"		6.3	74	80	15321 41111	3	2	2-3-6-7	6
"		6.3	98	84	15412 66661	1	3	1-2-3	3	6JY8		6.3	50	60	15412 66661	3	2	1-2-3	3
6JB5	(0)	6.3	60	60	25311 41161	2	2	2-3-4-6	6	"		6.3	60	60	66612 15341	3	2	6-7-8-9	9
6JB6		6.3	35	55	65121 63164	4	1	2-3-7-C	C	6JZ6	(4)	6.3	30	70	61112 13654	3	1	6-7-9-C	C
6JC5	(0)	6.3	40	66	25311 41661	2	2	2-3-4-6	6	"		Cap goes to top of tube.							
6JC6		6.3	55	80	15621 14361	3	2	1-2-7-8	7	6JZ8	(0)	6.3	40	35	21141 56311	2	2	4-6-8-9	4
6JC8		6.3	68	18	15312 46661	3	3	1-2-3-6	6	"	(4)	6.3	70	70	51112 41111	3	2	1-2-6	6
"		6.3	26	96	66612 61541	2	2	7-8-9	9	6K6		6.3	50	75	61435 62111	3	2	3-4-5-8	3
6JD5	(0)	6.3	38	38	25316 64661	2	3	2-3-4-7	7	6K7		6.3	75	98	61431 62115	2	2	3-4-8-C	3
6JD6		6.3	70	70	15621 14361	3	2	1-2-7-8	7	6K8		6.3	7	81	11665 42111	2	3	5-6-8	6
6JE6		6.3	90	50	65121 63164	2	1	2-3-7-C	C	"		6.3	7	81	11435 62111	4	3	3-4-5-8	3
6JE8		6.3	20	20	15412 66661	3	3	1-2-3	3	6K11	(5)	6.3	25	25	54121 11111	2	3	1-2-9	2
"		6.3	60	60	66612 15341	3	2	6-7-8-9	9	"	(2)	6.3	40	40	11211 14151	3	3	7-8-9	7
6JF6		6.3	70	80	35121 66664	2	1	1-2-3-C	C	"	(3)	6.3	40	40	51124 11111	3	3	1-5-6	5
6JG5		6.3	78	50	66621 15341	2	2	6-7-8-9	9	6KA8		6.3	20	30	45121 61611	3	3	1-2-3	1
6JG6		6.3	40	40	35121 66641	3	1	1-2-3-9	9	"		6.3	20	30	66121 51341	3	3	3-6-8-9	9
6JH5	(0)	6.3	35	10	25316 64661	1	4	2-3-4-7	7	6KD6	(4)	6.3	7	23	16112 13154	1	2	6-7-9-C	C
6JH6		6.3	30	87	51214 31111	3	2	1-2-5-6	5	"		Cap goes to top of tube.							
6JH8		6.3	25	25	11421 51441	4	3	3-6-8-9	8-9	6KD8		6.3	50	60	46612 66151	3	2	1-8-9	1
6JK5	(0)	6.3	52	10	25316 64661	1	4	2-3-4-7	7	"		6.3	80	80	65312 41661	3	2	2-3-6-7	6
6JK6		6.3	18	85	51214 31111	2	2	1-2-5-6	5	6KE8		6.3	30	30	15321 41111	2	3	2-3-6-7	6
6JK8		6.3	55	59	45112 66611	3	2	1-2-3	1	"		6.3	50	80	41121 11151	2	2	1-8-9	1
"		6.3	53	100	66612 45111	1	3	6-7-8	6	6KG6▲		6.3	50	35	56321 66614	2	1	1-3-9-C	C
6JL6		6.3	18	85	51214 31111	2	2	1-2-5-6	5	6KH8		6.3	0	45	45121 11131	2	4	1-2	1
6JM6	(3)	6.3	35	85	11121 36514	2	1	5-6-8-C	C	"		6.3	50	50	15421 11131	3	2	2-3-9	3
"		Cap go to top of tube								6KL8		6.3	50	50	11121 51431	3	2	6-8-9	8
6JN6	(5)	6.3	90	72	16521 11364	2	1	3-7-8-C	C	"		6.3	28	50	15121 34661	2	3	2-3-6-7	7
6JN8		6.3	44	80	66621 43151	3	2	6-7-8-9	6	"		6.3	0	40	11121 11461	1	3	8	8
"		6.3	23	80	54121 66661	2	2	1-2-3	2	6KM6		6.3	40	50	65121 63164	3	1	2-3-7-C	C
6JQ6		6.3	13	54	46321 65611	2	2	1-3-7-9	1	6KM8		6.3	40	35	11421 16661	1	3	3-6	3
6JR6		6.3	65	70	35121 66641	1	2	1-2-3-9	9	"		6.3	60	60	41621 15311	3	3	1-6-7-8	1
										"		6.3	60	60	14621 15311	3	3	2-5-8	2
										"		6.3	60	60	11621 15341	3	3	7-8-9	9

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6KN6	(2)	6.3	7	55	11213 65164	1	2	4-5-6-7-C	C	6LN8		6.3	35	70	46612 66151	2	2	1-8-9	1
6KN8		6.3	35	35	66612 45111	2	2	6-7-8	6	"		6.3	50	70	65312 41661	4	2	2-3-6-7	6
"		6.3	35	35	45112 66611	2	2	1-2-3	1	6LQ6		6.3	25	20	35121 66664	4	1	1-2-3-C	C
6KR8		6.3	25	40	66621 15341	3	2	6-7-8-9	9	6LQ8		6.3	50	64	15421 66661	3	2	1-2-3	3
"		6.3	70	75	15421 66661	2	2	1-2-3	3	"		6.3	35	35	66621 15341	3	2	6-7-8-9	9
6KS6		6.3	24	85	15213 14111	2	4	1-2-5-7	7	6LR6	(4)	6.3	50	30	66112 13654	1	2	6-7-8-9-C	C
6KT6		6.3	50	45	15621 14311	3	2	1-2-7-8	7	"		Cap goes to top of tube.							
6KT8		6.3	40	40	15421 11111	2	3	1-2-3	3	6LR8		6.3	82	85	65121 43111	2	1	2-3-6-7	6
"		6.3	30	30	11121 15341	2	3	6-7-8-9	9	"		6.3	72	45	11121 11451	1	3	1-8-9	8
6KU8		6.3	40	40	16512 66661	1	5	1-3	3	6LT8		6.3	70	75	13421 11151	3	2	1-2-3-9	3
"		6.3	40	40	15612 66661	1	5	1-2	2-3	"		6.3	70	97	63421 61651	2	6	6-7-8	6-8
"		6.3	80	75	66612 15341	3	2	6-7-8-9	9	6LU6		6.3	83	68	51214 31111	2	2	1-2-5-6	5
6KV6		6.3	65	65	35121 66141	2	1	1-2-3-9	9	6LU8	(0)	6.3	90	90	21141 56311	2	1	4-6-8-9	4
6KV8		6.3	30	30	15412 66661	3	3	1-2-3	3	"	(4)	6.3	70	70	51112 41111	2	2	1-2-6	6
"		6.3	50	55	66612 15341	3	2	6-7-8-9	9	6LV6	(2)	6.3	10	70	11213 15164	1	2	4-5-7-C	C
6KX8		6.3	55	70	51421 11111	3	3	1-2-3	3	6LX6	(4)	6.3	23	19	66112 13654	1	2	6-7-9-C	C
"		6.3	55	70	11121 14151	3	3	7-8-9	7	"		Cap goes to top of tube.							
6KY6		6.3	52	40	15621 64361	2	2	1-2-7-8	7	6LW6		6.3	60	50	61365 62114	2	1	2-3-5-C	C
6KY8		6.3	45	75	15121 45111	3	3	2-3-6-7	6	6LX8		6.3	70	70	41121 11151	3	2	1-8-9	1
"		6.3	85	90	11121 11451	3	2	1-8-9	8	"		6.3	37	37	15321 41111	2	3	2-3-6-7	6
6KZ8		6.3	25	94	46612 66151	2	2	1-8-9	1	6LY8		6.3	67	20	15412 66661	3	3	1-2-3	3
"		6.3	34	50	65112 43661	2	3	2-3-6-9	6	"		6.3	67	49	66612 15341	2	2	6-7-8-9	9
6L6		6.3	55	95	61435 62111	4	1	3-4-5-8	3	6LZ6		6.3	65	50	35121 66664	1	2	1-2-3-C	C
6L31		6.3	70	34	51124 36111	3	2	1-2-5-6	5	6M3		6.3	0	65	62416 16111	2	1	3-C	3
6LB6	(2)	6.3	83	60	11213 65164	1	2	4-5-7-C	C	6M11	(0)	6.3	70	50	21115 41111	3	2	4-5-6	6
"		Cap goes to top of tube.								"	(0)	6.3	70	50	21111 14511	3	2	7-8-9	7
6LB8		6.3	40	55	66621 15341	2	2	6-7-8-9	9	"	(4)	6.3	70	90	14211 53111	3	2	1-2-6-7	2
"		6.3	30	30	15421 66661	4	2	1-2-3	3	6MA6		6.3	95	98	66266 51114	3	3	6-7-C	C
6LC6		6.3	55	90	32665 11114	4	3	1-5-6-C	C	"		Good tube reads above 50.							
6LC8		6.3	80	70	45121 11111	3	2	1-2-3	1	6MB6	(5)	6.3	83	76	51321 11664	1	2	1-3-7-C	C
"		6.3	30	30	11121 51341	3	3	6-7-8-9	9	"		Cap goes to top of tube.							
6LD6		6.3	66	35	15621 34661	2	2	1-2-6-7	7	6MB8		6.3	40	42	66621 43151	2	3	6-7-8-9	6
"		Good tube reads above 50.								"		6.3	25	30	54121 66661	2	3	1-2-3	2
6LE8		6.3	20	29	41121 66351	2	3	1-3-8-9	1	6MC6		6.3	18	100	35121 66664	1	1	1-2-3-C	C
"		6.3	40	29	66121 41351	2	3	3-6-8-9	6	"		Cap goes to top of tube.							
6LF6	(2)	6.3	10	70	11213 15164	1	2	4-5-7-C	C	6MD8		6.3	40	40	66421 51661	3	2	3-6-7	3
6LF8		6.3	30	35	15412 66661	3	3	1-2-3	3	"		6.3	40	40	64621 61561	3	2	2-7-8	2
"		6.3	50	55	66612 15341	3	2	6-7-8-9	9	"		6.3	40	40	46621 61651	3	2	1-7-9	1
6LG6	(6)	6.3	7	70	15132 11164	2	1	2-3-4-C	C	6ME5		6.3	20	90	52124 11111	4	4	5	5
6LH6		6.3	55	90	32665 11114	4	3	1-5-6-C	C	"		6.3	20	70	54124 11111	4	4	5	5
6LJ6		6.3	40	42	62665 11114	4	4	6-C	C	"		6.3	15	100	54124 11111	4	3	2-5-7	2
6LJ8		6.3	40	85	54112 66661	2	2	1-2-3	2	6ME6		6.3	17	65	35121 66664	1	2	1-2-3-C	C
"		6.3	50	85	66112 43651	3	2	3-6-7-9	6	"		Cap goes to top of tube.							
6LM8		6.3	40	50	46612 66151	3	2	1-8-9	1	6ME8		6.3	42	15	33421 51441	3	3	*	8-9
"		6.3	50	65	65312 41661	3	2	2-3-6-7	6	"		*1-2-3-6-7-8-9							







TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
9CL8		9.0	30	35	54121 11111	3	2	1-2-3	2	10C8		9.0	7	95	66612 43511	2	3	6-7-8-9	6
"		9.0	70	90	11121 43151	3	2	6-7-8-9	6	"		9.0	7	90	45112 66661	2	3	1-2-3	1
9DK3		9.0	0	55	14621 66661	2	1	2-C	2	10CW5		9.0	25	35	65121 64631	2	2	2-3-7-9	7
9EA8		9.0	75	65	46612 66151	2	2	1-8-9	1	10DE7		9.0	70	70	11121 45111	3	2	6-7-8	6
"		9.0	60	80	65312 41661	3	2	2-3-6-7	6	"		9.0	40	40	45621 11111	3	1	1-2-9	1
9ED4▲		9.0	60	15	16621 66564	4	5	1-8-C	C	10DR7		9.0	28	28	11121 45111	4	3	6-7-8	6
9GH8		9.0	20	40	65312 41661	2	3	2-3-6-7	6	"		9.0	28	28	45621 11111	1	2	1-2-9	1
"		9.0	10	12	46612 66151	2	3	1-8-9	1	10DX8		9.0	30	55	54121 11111	2	3	1-2-3	2
9GV7		9.0	30	30	46121 66151	3	2	1-8-9	1	"		9.0	30	20	11121 41531	2	3	6-7-8-9	6
"		9.0	70	75	63421 65161	3	2	2-3-7-8	3	10EB8		9.0	14	62	66612 15341	3	2	6-7-8-9	9
9GV8		9.0	65	60	45121 11111	3	2	1-2-3	1	"		9.0	11	55	15412 66661	2	4	1-2-3	3
"		9.0	50	45	11121 43151	2	2	6-7-8-9	6	10EG7		9.0	60	70	54111 12111	2	1	1-2-3	2
9JW8		9.0	30	20	41121 11151	3	3	1-8-9	1	"		9.0	60	70	11154 12111	3	2	4-5-6	5
"		9.0	30	40	15321 41111	3	3	2-3-6-7	6	10EM7		9.0	55	55	11154 12111	2	3	4-5-6	5
9KC6		9.0	55	55	15121 14131	3	2	1-2-7-9	7	"		9.0	55	55	54111 12111	2	1	1-2-3	2
9KG6▲		9.0	50	50	56321 66614	2	1	1-3-9-C	C	10EW7		9.0	90	42	11121 45111	1	3	6-7-8	6
9KX6		9.0	45	50	15112 64361	2	2	1-2-7-8	7	"		9.0	84	90	45621 11111	1	1	1-2-9	1
9KZ8		9.0	25	94	46612 66151	2	2	1-8-9	1	10GK6		9.0	25	45	15112 64361	3	2	1-2-7-8	7
"		9.0	34	50	65112 43661	2	3	2-3-6-7	6	10GN8		9.0	55	25	15412 66661	1	4	1-2-3	3
9LA6		9.0	40	60	15112 64361	2	2	1-2-7-8	7	"		9.0	75	50	66612 15341	2	2	6-7-8-9	9
9MD8		9.0	40	40	66421 51661	3	2	3-6-7	3	10GV8		9.0	60	75	45121 11111	3	2	1-2-3	1
"		9.0	40	40	64621 61561	3	2	2-7-8	2	"		9.0	35	60	11121 43151	2	2	6-7-8-9	6
"		9.0	40	40	46621 61651	3	2	1-7-9	1	10HF8		9.0	90	60	15412 66661	3	2	1-2-3	3
9MHH3		9.0	12	100	46216 51111	2	2	1-6-7	1	"		9.0	70	70	66612 15341	2	2	6-7-8-9	9
"		9.0	12	100	64215 61111	2	2	2-5-7	2	10JA5	(0)	9.0	85	85	25316 46661	1	2	2-3-4-6	6
9ML8		9.0	70	72	46621 61651	2	2	1-7-9	1	10JA8		9.0	70	70	15412 66661	3	2	1-2-3	3
"		9.0	70	72	64621 61561	2	2	2-7-8	2	"		9.0	50	60	66612 15341	2	3	6-7-8-9	9
"		9.0	70	72	66421 51661	2	2	3-6-7	3	10JT8		9.0	42	50	15412 66661	3	3	1-2-3	3
9MN8	(0)	9.0	40	90	26166 46511	2	2	3-6-8	6	"		9.0	47	30	66612 15341	3	2	6-7-8-9	9
"	(5)	9.0	40	90	66526 14161	2	2	3-7-8	7	10JY8		9.0	40	45	15412 66661	3	2	1-2-3	3
"	(6)	9.0	40	90	66651 12416	2	2	4-8-9	8	"		9.0	60	60	66612 15341	3	2	6-7-8-9	9
9MP12		9.0	75	78	51214 36111	2	2	1-2-5-6	5	10KR8		9.0	25	40	66621 15341	3	2	6-7-8-9	9
9RA6		9.0	70	80	15621 66641	1	2	1-2-9	9	"		9.0	70	75	15421 66661	2	2	1-2-3	3
9RAL1		9.0	30	45	46521 11111	2	2	1-3-9	1	10L14		25	90	100	66621 45111	1	2	6-7-8	6
"		9.0	50	70	11121 45111	3	2	6-7-8	6	"		25	90	100	45121 66611	1	2	1-2-3	1
9U8		9.0	44	73	65312 41661	2	3	2-3-6-7	6	10LB8		9.0	40	55	66621 15341	2	2	6-7-8-9	9
"		9.0	55	90	46612 66151	2	2	1-8-9	1	"		9.0	30	30	15421 66661	4	2	1-2-3	3
9V9■		9.0	65	65	11532 14111	1	4	1-3-4-7	7	10LD6		9.0	66	35	15621 34661	2	2	1-2-6-7	7
"		9.0	55	55	11112 11514	1	3	8-9-C	C	"		Good tube reads above 50.							
9X8		9.0	20	30	16621 15341	3	3	6-7-8-9	9	10LES		9.0	20	29	41121 66351	2	3	1-3-8-9	1
"		9.0	20	90	15421 16611	2	2	2-3	3	"		9.0	40	29	66121 41351	2	3	3-6-8-9	6
10AF11	(5)	9.0	65	50	13521 14111	2	2	1-2-3-7	7	10LM8		9.0	40	50	46612 66151	3	2	1-8-9	1
"	(0)	9.0	94	100	21111 51411	1	2	5-6-8	8	"		9.0	65	65	65312 41661	3	2	2-3-6-7	6
"	(0)	9.0	88	40	21541 11111	1	3	3-4-7	4	10LW8		9.0	85	96	15412 66661	2	3	1-2-3	3
10ALL1	(6)	9.0	84	28	51342 11111	3	2	1-2-3-4	4	"		9.0	65	70	66612 15341	2	3	6-7-8-9	9
"	(0)	9.0	8	75	21511 43111	2	4	2-3-4-6-7	6	10LY8		9.0	60	20	15412 66661	3	3	1-2-3	3
10BQ5		9.0	60	95	65121 64631	4	1	2-3-7-9	7	"		9.0	37	49	66612 15341	2	2	6-7-8-9	9

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
10LZ8		9.0	60	70	15412 66661	1	3	1-2-3	3	11Y9		9.0	85	80	51342 11111	1	3	1-2-3-4	4
"		9.0	20	89	66612 15341	2	2	6-7-8-9	9	"		9.0	60	60	11112 11534	1	3	7-8-9-C	C
10P18		50	80	85	65121 64631	3	1	2-3-7-9	7	12AB5		12.6	20	35	36512 61641	2	3	1-3-7-9	9
10T10	(0)	9.0	35	70	21511 34111	3	3	2-3-6-7	7	12AC6		12.6	62	38	51124 31111	1	4	1-5-6-7	5
"	(6)	9.0	30	60	51341 12111	3	2	1-2-3-4	4	12AC10	(5)	12.6	90	12	54121 11111	1	3	1-2-9	2
10Z10	(6)	9.0	95	20	14151 12311	2	2	2-4-8-9	2	"	(3)	12.6	90	12	52114 11111	1	3	1-5-6	5
"	(0)	9.0	60	70	21141 35111	2	4	4-6-7-8	4	"	(0)	12.6	90	12	21114 15611	1	3	5-6-7	5
11AF9		9.0	75	75	51342 11111	2	2	1-2-3-4	4	12AD6		12.6	7	85	51214 31111	1	4	1-2-5-6-7	5
"		9.0	75	75	11112 11534	2	2	7-8-9-C	C	12AE6		12.6	45	90	11215 51111	2	6	5-6	5-6
11AR11	(7)	12.6	34	34	14351 11211	2	3	2-3-4-5	2	"		12.6	7	45	51216 64111	1	4	1-2-7	7
"	(0)	12.6	30	30	24315 11111	2	3	2-3-5-6	2	12AE10	(0)	12.6	55	70	21511 34111	3	3	2-3-6-7	7
11BM8		9.0	82	77	51121 11141	1	3	1-8-9	9	"	(8)	12.6	20	25	11513 41121	3	2	3-4-5-6	6
"		9.0	68	20	11521 43111	2	2	2-3-6-7	6	12AF3		12.6	0	98	66621 66641	1	1	9-C	9
11BQ11	(0)	12.6	40	30	24315 11111	2	3	2-3-5-6	2	12AF6		12.6	7	80	51214 31111	1	4	1-5-6-7	5
"	(6)	12.6	40	30	43511 12111	2	3	1-2-3-4	1	12AF11	(5)	12.6	65	50	13521 14111	2	2	1-2-3-7	7
11BT11	(0)	9.0	70	72	21511 11141	3	2	3-4-9	9	"	(0)	12.6	94	100	21111 51411	1	2	5-6-8	8
"	(0)	9.0	70	72	21115 14111	3	2	5-6-7	7	"	(0)	12.6	88	40	21541 11111	1	3	3-4-7	4
"	(7)	9.0	70	72	11135 11241	2	2	2-4-5-9	9	12AJ6		12.6	40	90	11215 51111	2	6	5-6	5-6
11C5		12.6	23	90	15216 34111	3	1	1-2-6-7	7	"		12.6	40	80	51216 64111	1	4	1-2-7	7
11CA11	(0)	9.0	11	50	21141 51111	2	3	4-5-6	4	12AJ7		12.6	55	70	35121 46661	3	3	2-3-6	6
"	(0)	9.0	20	50	24511 11111	2	3	2-3-7	2	"		12.6	55	60	11121 11451	3	2	8-9	8
"	(8)	9.0	60	54	11513 42111	2	2	3-4-5-6	6	12AL5		12.6	0	98	16211 14111	1	1	1-7	7
11CF11	(0)	9.0	70	40	21435 11111	2	2	3-4-5-6	3	"		12.6	0	98	14211 16111	1	1	2-5	2
"	(5)	9.0	82	40	11511 24111	1	3	3-7-C	7	12AL8		12.6	10	10	46612 66511	1	4	1-8-9	1
"	(6)	9.0	97	40	15412 11111	1	3	1-2-3	3	"		12.6	27	65	63512 41661	1	4	2-3-6-7	6
11CH11	(0)	9.0	65	70	21511 11141	2	2	3-4-9	9	12AL11	(0)	6.3	45	40	21516 43111	3	3	2-6-7	6
"	(0)	9.0	75	80	21115 14111	2	2	5-6-7	7	"	(8)	6.3	55	60	11513 41121	3	2	3-4-5-6	6
"	(7)	9.0	65	62	11135 11241	2	2	2-4-5-9	9	12AQ5		12.6	70	34	51124 36111	3	2	1-2-5-6	5
11CY7		12.6	20	40	66612 45161	2	4	6-7-8	6	12AT6		12.6	67	36	11215 51111	2	6	5-6	5-6
"		12.6	35	40	46512 66611	2	1	1-3-9	1	"		12.6	13	93	51216 64111	1	4	1-2-7	7
11DS5		9.0	55	75	51214 36111	1	3	1-2-5-6	5	12AT7		12.6	60	85	66612 45161	1	3	6-7-8	6
11FY7	(0)	9.0	70	75	21514 11611	2	1	3-5-7	5	"		12.6	70	90	45112 66661	2	2	1-2-3	1
"	(6)	9.0	42	55	61541 12111	3	3	2-3-4	4	12AU6		12.6	70	89	51124 31111	3	2	1-5-6-7	5
11HM7		12.6	11	11	15121 64311	3	2	1-2-7-8	7	12AU7		12.6	95	100	45121 11161	1	2	1-2-3	1
11JE8		12.6	20	20	15412 66661	3	3	1-2-3	3	"		12.6	95	100	11121 45161	1	2	6-7-8	6
"		12.6	60	60	66612 15341	3	2	6-7-8-9	9	12AU8		12.6	80	80	15412 66661	2	2	1-2-3	3
11KV8		9.0	75	85	15412 66661	3	2	1-2-3	3	"		12.6	80	80	66612 15341	2	2	6-7-8-9	9
"		9.0	50	65	66612 15341	2	2	6-7-8-9	9	12AV5		12.6	10	80	51114 12311	4	1	1-3-5-8	5
11LQ8		9.0	50	64	15421 66661	3	2	1-2-3	3	12AV6		12.6	25	85	51216 64111	3	3	1-2-7	7
"		9.0	35	35	66621 15341	3	2	6-7-8-9	9	"		12.6	25	14	51216 64111	4	6	2-5-6	5-6
11LT8		9.0	70	75	13421 11151	3	2	1-2-3-9	3	12AV7		12.6	30	60	45121 11161	3	2	1-2-3	1
"		9.0	70	97	63421 61651	2	6	6-7-8	6-8	"		12.6	30	60	11121 45161	3	2	6-7-8	6
11LY6		9.0	70	74	15121 14311	2	2	1-2-7	7	12AW6		12.6	19	30	51214 31111	3	3	1-2-5-6	5
11MS8		9.0	80	50	45121 11111	1	3	1-2-3	1	12AX3	(0)	12.6	0	80	21141 11111	2	1	4-7	4
"		9.0	17	17	11121 43151	2	2	6-7-8-9	6	12AX4		12.6	0	100	66114 12111	1	1	3-5	5
11R3		12.6	0	35	66621 66641	3	1	9-C	9	12AX7		12.6	37	75	45112 66661	2	3	1-2-3	1
										"		12.6	40	76	66612 45161	2	3	6-7-8	6







TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
17BF11	(6)	19	76	14	51341 12111	2	2	1-2-3-4	4	17KV6		19	40	40	35121 66141	3	1	1-2-3-9	9
"	(0)	19	7	88	21511 34111	2	4	2-3-6-7	7	17LD8		12.6	62	62	15121 45111	3	3	2-3-6-7	6
17BH3		19	0	75	66621 64611	2	1	7-9	7	"		12.6	85	70	11121 11451	3	2	1-8-9	8
17BQ6		19	85	80	12635 61164	2	1	4-5-8-C	C	17RHH2		19	60	80	66612 45111	3	2	6-7-8	6
17BR3		12.6	0	75	66621 66641	2	1	9-C	9	"		19	60	45	45112 66611	3	2	1-2-3	1
17BS3		19	0	80	64121 66611	2	1	2-9	2	17RK19		12.6	0	63	66621 66641	2	1	9-C	9
17BW3	(7)	12.6	0	67	11141 11211	2	1	1-4	4	17X10	(0)	19	40	92	21141 35161	3	3	4-6-7-8	4
										"	(3)	19	83	20	51123 11114	2	2	1-5-6-C	C
17BZ3	(0)	12.6	0	65	21146 61661	2	1	4-7	4	17Y9		12.6	80	70	51342 11111	2	2	1-2-3-4	4
17C5		19	23	90	15216 34111	3	1	1-2-6-7	7	"		12.6	80	30	11112 11534	2	2	7-8-9-C	C
17C8		19	0	30	66112 66561	2	3	3-8	8										
"		19	0	30	66112 65661	2	3	3-7	7	17Z3		12.6	0	75	66621 66641	2	1	9-C	9
"		19	20	65	35112 46611	2	3	1-2-3-6	6	18AJ10	(2)	19	55	55	21115 11341	1	4	4-5-8-9	9
17C9		19	36	15	53421 11111	2	3	1-2-3-C	3	"	(6)	19	92	30	51342 11111	2	2	1-2-3-4	4
"		19	36	15	11121 15341	2	3	6-7-8-9	9	18FW6		19	45	50	51214 31111	2	3	1-5-6-7	5
17CK3		19	0	65	64621 66611	2	1	2-9	2	18FX6		19	15	10	51214 31111	2	4	1-2-5-7	5
17CL3		19	0	25	66621 64611	3	1	7-9	7	18FY6		19	50	55	51216 64111	2	3	1-2-7	7
										"		19	60	65	11215 51111	4	4	5-6	5-6
17CT3		12.6	0	93	64621 66611	1	1	2-9	2	18GB5A		19	78	78	65121 36664	1	2	2-3-6-C	C
17CU5		19	23	90	15216 34111	3	1	1-2-6-7	7										
17D4		19	0	75	66114 11211	2	1	3-5	5	18GD6		19	70	70	51124 31111	2	3	1-5-6-7	5
17DE4		19	0	80	66114 11211	2	1	3-5	5	18GV8		19	61	70	45121 11111	1	3	1-2-3	1
17DM4		19	0	75	66111 11211	2	1	3-5	5	"		19	87	87	11121 43151	1	2	6-7-8-9	6
17DQ6		19	7	70	11635 62114	4	1	4-5-8-C	C	18RAL1		19	40	30	45621 66611	2	2	1-2-9	1
										"		19	65	85	66621 45161	2	2	6-7-8	6
17DW4		19	0	95	66621 64611	1	1	7-9	7	19A3		6.3	0	95	11114 21111	1	1	5-7	5
17EW8		19	60	80	66612 45111	3	2	6-7-8	6	19AU4		19	0	62	66114 11211	1	2	3-5	5
"		19	60	45	45112 66611	3	2	1-2-3	1	19CG3	(0)	19	0	90	21146 61661	1	1	4-7	4
17GJ5		19	55	95	35121 66164	2	1	1-2-3-C	C										
17GT5		19	80	90	35121 66141	2	1	1-2-3-9	9	19CL8		19	30	35	54121 11111	3	2	1-2-3	2
17GV5	(4)	19	93	65	16112 13654	1	2	1-7-9-C	C	"		19	70	90	11121 43151	3	2	6-7-8-9	6
										19DE3	(7)	19	0	91	11141 21111	1	1	4-C	4
17GW6		19	65	65	11635 62114	3	1	4-5-8-C	C	"									
17HB25A		12.6	60	60	56121 36114	3	1	1-6-9-C	C	19DK3		19	0	55	14621 66661	2	1	2-C	2
17JB6		19	94	83	35121 66164	1	3	1-2-3-8-C	C	19DQ3	(0)	10	0	60	21146 61661	2	1	4-7	4
17JF6		12.6	55	65	35121 66664	1	2	1-2-3-C	C	19EA8		19	75	65	46612 66151	2	2	1-8-9	1
17JG6		19	40	40	35121 66641	3	1	1-2-3-9	9	"		19	60	80	65312 41661	3	2	2-3-6-7	6
17JK8		19	30	30	66612 45111	2	3	6-7-8	6	19EZ8		19	75	70	15421 11111	3	2	1-2-3	3
"		19	55	55	45112 66611	3	2	1-2-3	1	"		19	60	60	11124 51111	2	2	5-6	5
17JM6	(3)	19	35	85	11121 36514	2	1	5-6-8-C	C	"		19	60	60	11121 11451	2	2	8-9	8
										19FL8		19	85	87	35121 46611	2	2	1-2-3-6	6
										"		19	0	93	66121 64661	1	2	3-7	7
17JN6	(5)	12.6	90	72	16511 21364	2	1	3-7-8-C	C	"		19	0	100	66121 64661	1	2	3-8	8
17JQ6		12.6	15	55	46321 65611	2	2	1-3-7-9	1	19FX5		19	55	60	15126 34111	2	2	1-2-6-7	7
17JR6		12.6	65	70	35121 66641	1	2	1-2-3-9	9	19GQ7		19	50	50	66612 66511	1	5	8-9	8
17JT6		19	58	75	35121 66641	1	2	1-2-3-9	9	"		19	50	50	66612 51661	1	5	6-7	6
17JZ8	(0)	19	40	35	21141 56311	2	2	4-6-8-9	4	"		19	50	50	15612 66661	1	5	1-2	2
"	(4)	19	70	70	51112 41111	3	2	1-2-6	6	19HR6		19	20	40	51124 31111	2	3	1-5-6-7	5
										19HS6		19	35	35	51124 31111	2	3	1-5-6-7	5

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
19HV8	19		7	81	54112 66661	2	4	1-2-3	2	21LU8	(0)	19	90	90	21141 56311	2	1	4-6-8-9	4
"	19		70	80	66612 43151	3	2	6-7-8-9	6	"	(4)	19	70	70	51112 41111	2	2	1-2-6	6
19J6	19		20	20	64125 61111	2	3	2-5-7	2	21MY8	(0)	19	85	85	21141 56311	2	1	4-6-8-9	4
"	19		20	20	46126 51111	2	3	1-6-7	1	"	(4)	19	70	70	51112 41111	2	2	1-2-6	6
19JN8	19		44	80	66621 43151	3	2	6-7-8-9	6	22BH3	19		0	80	66621 64611	2	1	7-9	7
"	19		23	80	54121 66661	2	2	1-2-3	2	22BW3	(0)	19	0	75	21146 61661	2	1	4-7	4
19KF6▲	19		27	80	56121 36641	2	1	1-3-6-9	9	22DE4	19		0	80	66114 11211	2	1	3-5	5
19KGS	19		70	80	45121 11111	2	2	1-2-3	1	22JF6	19		72	72	65121 63164	2	1	2-3-7-C	C
"	19		45	50	11121 43151	2	3	6-7-8-9	6	"	Cap goes to top of tube.								
19MR9	19		30	40	51214 31111	2	3	1-5-6-7	5	22JG6	19		40	70	35121 66641	3	1	1-2-3-9	9
19Q9	19		80	80	53421 11111	3	2	1-2-3-10	3	22JR6	19		65	70	35121 66641	1	2	1-2-3-9	9
"	19		70	75	11121 11541	2	2	7-8-9	9	22JU6	19		100	98	65121 63164	1	1	2-3-7-C	C
19T8	19		50	50	56612 51661	3	5	1-7	1	22KM6	19		50	65	65121 63164	2	1	2-3-7-C	C
"	19		50	50	66612 61541	3	3	7-8-9	9	22KV6	19		60	65	35121 66141	2	1	1-2-3-9	9
"	19		50	50	65112 66661	3	4	2-3	2	23JS6	(4)	25	48	48	66112 13654	1	2	6-7-8-9-C	C
"	19		50	50	56612 51661	3	5	6-7	6	"	Cap goes to top of tube.								
19X8	19		20	30	16621 15341	3	3	6-7-8-9	9	23MB6	(5)	19	83	76	51321 11664	1	2	1-3-7-C	C
"	19		20	90	15421 16611	2	2	2-3	3	"	Cap goes to top of tube.								
19Y3	19		0	80	66121 66641	2	1	3-9	9	23Z9	(0)	19	60	65	24511 61661	3	2	2-3-7	2
20AQ3	19		0	85	66612 66641	1	1	9-C	9	"	(8)	19	60	65	61665 42111	3	2	2-5-6	6
20D4	6.3		92	92	35121 43661	2	2	1-2-3-6-7	6	"	(0)	19	35	35	26614 61531	2	2	5-7-8-9	5
"	6.3		76	76	35121 43451	1	3	8-9	8	24AX4	25		0	32	66114 12111	3	1	3-5	5
20EW7	19		90	42	11121 45111	1	3	6-7-8	6	24BF11	(0)	25	52	50	21511 34111	3	3	2-3-6-7	7
"	19		84	90	45621 11111	1	1	1-2-9	1	"	(6)	25	41	35	51341 12111	2	2	1-2-3-4	4
20EZ7	19		40	60	21615 41111	3	3	4-5-6	6	24JE6	25		55	55	65121 63164	1	2	2-3-7-C	C
"	19		40	60	21611 14511	3	3	7-8-9	7	24JZ8	(0)	25	40	35	21141 56311	2	2	4-6-8-9	4
20LF6	(2)	19	10	70	11213 15164	1	2	4-5-7-C	C	"	(4)	25	70	70	51112 41111	3	2	1-2-6	6
21A6	19		61	93	65121 66314	2	1	2-3-C	C	24LQ6	25		65	65	35121 66664	1	2	1-2-3-C	C
21EX6	19		50	70	12115 11314	3	1	3-5-8-C	C	24LZ6	25		65	50	35121 66664	1	2	1-2-3-C	C
21GY5	(2)	19	11	0	21163 15664	1	3	5-6-7-C	C	25AV5	25		10	80	51114 12311	4	1	1-3-5-6	5
"	Cap goes to top of tube.									25AX4	25		0	100	66114 12111	1	1	3-5	5
21HA6	19		67	50	15121 34661	2	2	1-2-6-7	7	25BB14▲	25		8	94	56121 36614	1	2	1-3-6-C	C
21HB5	(0)	19	80	64	23516 64661	2	1	2-3-4-7	7	25BQ6	25		85	80	12635 61114	2	1	4-5-8-C	C
21HJ5	(0)	19	70	70	21563 64161	2	1	2-3-5-7	7	25C5	25		23	90	15216 34111	3	1	1-2-6-7	7
21JS6	(4)	19	48	48	66112 13654	1	2	6-7-8-9-C	C	25CA5	25		25	25	15216 34111	3	2	1-2-6-7	7
"	Cap goes to top of tube.									25CD6	25		85	76	12115 11314	2	1	3-5-8-C	C
21JV6	(5)	19	97	95	66511 21364	1	1	3-7-8-C	C	25CG3	(0)	25	0	90	21146 61661	1	1	4-7	4
21JZ6	(4)	19	30	70	61112 13654	3	1	6-7-9-C	C	25CM3	25		0	90	64621 66611	1	1	2-9	2
"	Cap goes to top of tube.									25CT3	25		0	93	64621 66611	1	1	2-9	2
21KA6	(4)	19	66	66	16112 13154	1	2	1-7-8-C	C	25CU6	25		80	84	11635 62114	2	1	3-4-8-C	C
21KQ6▲	19		53	53	56321 66614	1	2	1-3-9-C	C	25DK3	25		0	55	14621 66661	2	1	2-3	2
21LG6	(6)	19	7	70	15132 11164	2	1	2-3-4-C	C	25DK4	25		0	70	11214 61111	2	1	5-7	5
"	Cap goes to top of tube.									25DL3	25		0	54	64621 66661	2	1	2-C	2
21LR8	19		25	25	65121 43111	2	2	2-3-6-7	6	25DN6	25		71	62	12115 11314	4	1	3-5-8-C	C
"	19		70	73	11121 11451	3	2	1-8-9	8	25E5	25		55	10	62635 11114	2	2	4-5-6-8	C
										25EC6	25		54	50	12115 11314	3	1	3-5-8-C	C

TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	KEY#	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	
25EH5		25	47	47	15126 34111	2	2	1-2-6-7	7	30MP23		25	83	84	15216 34111	2	1	1-2-6-7	7	
25F5		25	65	65	15216 34111	2	2	1-2-6-7	7	30MP27		25	83	85	15216 34111	2	1	1-2-6-7	7	
25GB6		25	91	80	11635 62114	2	1	4-5-8-C	C	30PL12		12.6	20	20	56621 66141	2	4	1-8-9	9	
25HX5▲		25	75	75	51621 36641	1	2	1-2-6-9	9	"		12.6	15	15	61521 43661	3	2	2-3-6-7	6	
25JQ6		25	15	55	46321 65611	2	2	1-3-7-9	1	31AL10	(0)	19	90	94	16643 21511	1	2	4-5-7-8	4	
25JZ8	(0)	25	40	35	21141 56311	2	2	4-6-8-9	4	"	(0)	19	43	75	14516 21611	1	3	2-3-7	2	
"	(4)	25	70	70	51112 41111	3	2	1-2-6	6	"	(6)	19	49	81	14151 11112	1	3	2-3-4	2	
25KA6	(4)	12.6	66	66	16112 13154	1	2	1-7-8-C	C	31JS6	(4)	25	48	48	66112 13654	1	2	6-7-8-9-C	C	
25L6		25	45	45	61435 62111	2	2	3-4-5-8	3	"	Cap goes to top of tube.									
25MP20		25	61	61	51124 36111	2	2	1-2-5-6	5	31LQ6		25	65	65	35121 66664	1	2	1-2-3-C	C	
25RK19		25	0	63	66621 66641	2	1	9-C	9	31LR8		25	82	85	65121 43111	2	1	2-3-6-7	6	
25W4		25	0	40	66114 11211	3	1	3-5	5	"		25	72	45	11121 11451	1	3	1-8-9	8	
26AQ8		25	90	100	66621 45111	1	2	6-7-8	6	31LZ6		25	65	50	35121 66664	1	2	1-2-3-C	C	
"		25	90	100	45121 66611	1	2	1-2-3	1	32A8		25	70	85	56621 66141	3	2	1-8-9	9	
26DQ5		25	55	55	52136 61614	2	1	1-3-4-C	C	"		25	35	55	61521 43661	2	2	2-3-6-7	6	
26HU5		25	40	50	51316 62114	2	1	1-2-C	C	32ET5		35	60	60	15216 34111	2	2	1-2-6-7	7	
26HV5	(0)	25	60	65	25316 64661	3	2	2-3-4-7	7	32HQ7	(7)	25	90	80	21513 11114	2	1	2-3-5-C	C	
26LW6		25	60	50	61365 62114	2	1	2-3-5-C	C	"	(0)	25	0	70	14111 12111	2	1	2-4	2	
26LX6	(4)	25	23	19	66112 13654	1	2	6-7-9-C	C	33GT7	(9)	35	7	98	41215 36111	2	1	1-4-5-7	1	
"		Cap goes to top of tube.									"	(0)	35	0	10	24111 11111	3	1	2-4	2
27GB5▲		25	78	78	65121 36664	1	2	2-3-6-C	C	33GY7	(0)	35	0	60	24116 16661	2	1	2-4	2	
27KG6▲		25	50	50	56321 66614	2	1	1-3-9-C	C	"	(7)	35	75	75	61563 11214	2	1	2-3-5-C	C	
27LF6	(2)	25	10	70	11213 15164	1	2	4-5-7-C	C	33HE7	(0)	25	0	90	24111 66111	1	1	2-4	2	
28GB5▲		25	78	78	65121 36664	1	2	2-3-6-C	C	"	(7)	25	45	60	61563 16214	2	1	2-3-5-C	C	
28HA6		25	60	50	15121 34661	2	2	1-2-6-7	7	33JR6		25	62	62	35121 66641	3	1	1-2-3-9	9	
29GK6		25	25	45	15112 64361	3	2	1-2-7-8	7	33JV6	(5)	35	97	95	66511 21364	1	1	3-7-8-C	C	
29KQ6▲		25	30	75	56321 66614	2	1	1-3-9-C	C	34CD3	(0)	35	0	59	21146 61661	2	1	4-7	4	
29LE6▲		25	44	44	56321 66614	1	2	1-3-9-C	C	34CE3	(0)	35	0	55	26646 61661	2	1	4-7	4	
30A5		25	30	40	15216 34111	2	2	1-2-6-7	7	34CM3		35	0	90	64621 66611	1	1	2-9	2	
30AE3		25	0	35	66621 66641	3	2	9-C	9	34DK3		35	0	55	14621 66661	2	1	2-C	2	
30AG11	(0)	25	0	100	21411 11111	1	1	2-3	3	34GD5		35	70	70	15216 34111	2	2	1-2-6-7	7	
"	(0)	25	74	40	21115 41111	1	3	4-5-6	6	34R3		35	0	65	66612 66641	2	1	9-C	9	
"	(0)	25	71	40	21111 14511	1	3	7-8-9	7	35C5		35	23	90	15126 34111	3	1	1-2-6-7	7	
"	(8)	25	0	100	11114 11121	1	1	5-6	5	35DZ8		35	7	90	56612 66141	2	4	1-8-9	9	
30C18		7.5	30	30	46121 66151	3	2	1-8-9	1	"		35	7	90	61512 43661	2	2	2-3-6-7	6	
"		7.5	70	75	63421 65161	3	2	2-3-7-8	3	35EH5		35	47	47	15126 34111	2	2	1-2-6-7	7	
30HJ5	(0)	25	70	70	21563 64161	2	1	2-3-5-7	7	35GL6		35	25	35	15213 64111	2	2	1-2-5-7	7	
30JZ6	(4)	25	30	70	61112 13654	3	1	6-7-9-C	C	35L6		35	45	45	61435 62111	2	2	3-4-5-8	3	
"		Cap goes to top of tube.									35LR6	(4)	35	43	30	66112 13654	1	2	6-7-8-9-C	C
30KD6	(4)	25	93	80	16112 13154	1	1	6-7-9-C	C	"	Cap goes to top of tube.									
30KG6▲		25	50	35	56321 66614	2	1	1-3-9-C	C	35W4		35	0	65	11124 61111	1	1	5-7	5	
30LW6		25	60	50	61365 62114	2	1	2-3-5-C	C	"	Good tube reads above 40.									
30MB6	(5)	25	83	76	51321 11664	1	2	1-3-7-C	C	35Y4		35	0	40	14161 11211	4	1	2-7	2	
"		Cap goes to top of tube.									35Z4		35	0	40	16664 62111	4	1	5-8	5
										35Z5		35	0	95	12614 11111	1	1	5-8	5	
										36AM3		35	0	25	11214 61111	3	1	5-7	5	







TUBE	KEY#	FIL.	GR.	PL.	LEVERS		V	S	LEAK	MERIT
UBF89	19		85	87	35121	46611	2	2	1-2-3-6	6
"	19		0	93	66121	64661	1	2	3-7	7
"	19		0	100	66121	66461	1	2	3-8	8
UCC85	25		90	100	66621	45111	1	2	6-7-8	6
"	25		90	100	45121	66611	1	2	1-2-3	1
XL500▲	12.6		80	75	65121	36664	2	1	2-3-6-C	C
XL504▲	12.6		80	75	65121	36614	2	1	2-3-6-C	C
YL1371	12.6		80	96	12365	61114	2	1	1-3-5-C	C