

7511

TUBE DATA

FOR

EICO MODEL

667 TUBE TESTER

EICO

283 Malta Street, Brooklyn, N. Y. 11207

CAUTION

CAUTION

CAUTION

TO AVOID TUBE DAMAGE, ADJUST ALL SETTINGS BEFORE INSERTING THE TUBE IN ITS SOCKET!
IF MORE THAN ONE ELEMENT TEST IS INDICATED, REMOVE TUBE FROM SOCKET BEFORE SETTING LEVERS.

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

▲ MAGNOVAL BASE - MUST USE "MAGNOVAL SOCKET" OR "MAGNOVAL ADAPTER".

■ 10 PIN DECAL BASE - MUST USE "DECAL SOCKET" OR "DECAL ADAPTER".

4, 5, 6 PIN AND SEPTAL BASE TUBES CAN BE TESTED ON THIS UNIT BY USING THE EICO MODEL 615 ADAPTER.

(AUTHORIZED  TUBE DATA SERVICE)

COLETRONICS SERVICE INC. 1744 ROCKAWAY AVE. HEWLETT, N.Y. 11557

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
OA2	0	60	4166666	3	2	1	1	1AY2	1.25	70	1212111	2	3	C	C
OA3	0	86	1161416	2	2	5	5	"	1.25	70	1212111	2	3	C	
OA4	0	50	1111415	4	2	2-5-7	5	"	Good tube reads above 30.						
OA5	0	100	1661415	4	5	5	5	"							
OB2	0	75	4166666	2	3	1	1	1B3	1.25	0	85	2	3	C	
OB3	0	90	1161416	2	3	5	5	1B4P	2.0	7	49	2	4	2-3-C	C
OC2	0	73	4166666	2	3	1	1	1B5	2.0	7	10	2	5	2-3-4	2
OC3	0	45	1161416	2	3	5	5	"	2.0	7	10	2	6	3-4	3-4
OD3	0	30	1111411	4	2	5	5	1B7	1.4	70	81	4	4	3-4-5-6	6
OG3	0	90	4166666	2	2	1	1	"	1.4	70	78	4	4	6	6
OY4	0	35	1111415	4	2	5	5	1B8	1.4	42	59	2	3	3-4-5-6-8-C	3
OZ4	Z	30	1141611	4	2	3	3	"	1.4	13	94	2	5	4	4
OZ4	Z	30	1161411	4	2	5	5	"	1.4	7	10	4	6	5	5
O1A	5.0	91	2351111	2	3	2-3	2	1BC2	1.25	0	90	3	2	C	C
1A3	1.25	7	1411662	4	6	2-3	2	1BK2	1.4	0	76	2	3	C	C
1A4P	2.0	7	2431111	2	4	3-C	2	1BX2	No short test.			2	3	C	C
1A4T	2.0	7	2431111	2	4	2-C	2	1BY2	No short test.			2	3	-	C
1A5	1.25	39	1143512	2	3	3-4-5	3	"	1.25	0	100	2	3	-	C
1A6	2.0	30	2445311	2	4	2-3-4-5	2	"	Good tube reads above 30. No short test.						
1A6	2.0	30	2445311	2	4	3	3	"							
1A7	1.25	70	1141532	2	3	3-5-6	3	1C3	1.4	7	84	4	3	2-4	2
1A8	1.4	40	1435352	1	5	2-3-4-5-6	2	1C5	1.4	29	41	2	3	3-5	3
1A9	1.25	7	1511214	2	4	2-7-8	7	1C6	2.0	40	65	2	4	2-4-5	3
1AD2	1.25	0	2661666	3	3	C	C	1C7	2.0	40	90	2	4	3	3
1AD4	1.25	7	4351211	3	3	1-2-5	1	"	2.0	50	77	2	4	3-4-5	3
1AD5	Good tube reads above 50			2	4	2-7-8	7	1C8	2.0	50	75	2	3	6	6
1AD5	1.25	20	1511214	2	4	2-7-8	2	"	1.25	35	72	1	5	2-6-7	7
1AE4	1.25	7	1436652	4	3	2-3-6	2	1D5	1.25	35	29	2	4	3-C	3
1AF4	1.25	7	1436652	4	4	2-3-6	2	1D7	2.0	35	72	2	4	3-4-5	3
1AF5	1.4	0	1156662	4	6	4-5-6	5	"	2.0	35	20	2	4	6	6
1AG4	1.4	25	1113452	4	5	3	3	1D8	1.4	26	75	2	3	3-4-5-6-8	3
1AG4	1.25	70	4325111	1	4	1-2-4	1	"	1.4	7	82	3	4	6	6
1AH4	1.25	7	3315211	2	4	1-2-4	1	1D13	1.4	7	22	4	6	8	8
1AJ2	1.25	0	1166666	2	5	C	C	1DG3	1.25	7	21	4	6	2-3	2
1AJ4	1.4	50	1436652	1	4	3-6	2	"	1.25	0	30	3	3	-	C
1AJ5	1.25	7	3361521	2	4	1-2-3-5	1	1DK1	1.25	0	70	1	3	C	C
1AK4	1.25	7	3315211	2	5	1-2-4	1	"	1.25	0	70	1	3	C	C
1AN5	1.25	7	1431652	2	4	2-3-6	2	1DK29	1.25	0	70	1	3	C	C
1AU2	1.25	0	6662166	3	3	9	9	"	1.25	0	70	1	3	C	C
1AU3	1.25	0	6166662	2	5	C	C	"	1.25	0	70	1	3	C	C
1AX2	1.4	0	6612161	3	4	C	C	1DN5	1.4	10	85	2	5	4	4
1AX4	1.4	0	2116661	3	4	C	C	"	1.4	7	50	2	3	2	2
1AX4	1.4	0	6611113	4	4	C	C	1E4	1.4	7	85	4	3	1-2-5	3
1AX4	1.4	0	6611113	4	4	C	C		1.4	7	85	4	3	3-5	3

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
1E5	2.0	7	53	1233111	2	4	3-4-C	3	1P5	1.4	7	51	1233111	4	4	3-4-C	3
1E7	2.0	7	65	1245541	4	3	3-4-5-6-8	3-6	1P39	0	0	100	1114111	2	6	4	4
1E8	1.25	95	92	6511233	1	4	2-6-7	6	1P40	0	0	100	1114111	2	6	4	4
"	1.25	95	76	6511233	1	4	7	7	1Q5	1.4	30	21	1233511	2	3	3-4-5	7
1F4	2.0	21	33	2353111	3	3	2-3-4	2	1Q6	1.25	30	67	1511263	2	4	2-6-7-8	7
1F5	2.0	25	26	1233511	3	3	3-4-5	3	1Q6"	1.25	7	28	1511263	4	6	6	6
1F6	2.0	18	29	2436611	2	4	2-3-4-5-C	2	1R4	1.4	7	17	1114111	4	6	4-7	4
1F7	2.0	20	28	1246631	4	4	3-4-5-C	4-5	1R5	1.4	7	70	1435612	2	4	2-3-4	2
"	2.0	7	28	1246631	4	6	4-5	3	1RK23	1.4	0	90	1261616	3	2	C	C
1G3	1.25	0	95	6166662	2	3	C	C	1RK41	No short test.	0	76	6266661	2	3	C	C
1G4	1.4	10	20	1231511	2	4	3-5	3	"	1.4	0	90	1261616	3	2	C	C
1G5	2.0	50	18	1233511	2	3	3-4-5	3	1S2	1.4	7	25	1243611	4	6	5	5
1G6	1.4	7	91	1235531	3	4	3-4-5-6	3-6	1S4	1.4	7	44	1435162	2	3	2-3-4	2
1H2	1.4	0	40	6216616	3	3	C	C	1S5	1.4	20	80	1163452	2	4	4-5-6	5
1H4	2.0	24	94	1231511	2	3	3-5	3	1S6"	1.4	50	85	1156662	4	4	3	3
1H5	1.4	7	80	1141662	2	5	3-C	3	1S6"	1.4	20	70	4151261	2	4	1-3-8	1
"	1.4	50	61	6161562	2	5	5	5	1SA6	1.4	7	77	6161251	4	6	6	6
1H6	2.0	7	16	1236651	2	5	3-4-5-6	3	1SB6	1.4	20	69	1215131	2	4	3-4	8
"	2.0	7	15	1236651	4	6	4-5	4-5	"	1.4	7	25	1243611	2	4	3-4	8
1H35	1.4	40	20	1435352	1	5	2-3-4-5-6	2	1T4	1.4	7	85	1431652	2	4	2-3-6	2
1J3	1.4	0	85	6166662	3	3	C	C	1T5	1.4	39	54	1233511	2	3	3-4-5	3
1J5	2.0	50	40	1233511	2	3	3-4-5	3	1T6"	1.25	25	67	3151261	2	4	1-3-6-8	1
1J6	2.0	7	68	1245541	4	3	3-4-5-6	3-6	1U4	1.25	7	98	3151261	3	6	6	6
1K3	1.25	0	75	6166662	4	2	C	C	1U5"	1.4	7	60	1331152	3	4	2-3-6	2
1L4	1.4	7	92	1435112	4	3	2-3-6	2	1U5"	1.4	20	60	1436152	2	4	2	2
1L6	1.4	7	25	1435112	2	5	2-3-4	2	1U6	1.4	65	10	1115112	3	5	4	4
1LA4	1.4	7	62	1431151	4	3	2-3-6	2	1V	6.3	0	29	2311111	2	2	2-3	2
1LA6	1.4	7	5	1435111	2	5	2-3-4	2	1V2"	.625	0	100	6662166	3	2	9	9
1LB4	1.4	25	71	1431151	2	3	2-3-6	2	1V5	Good tube reads above 20.	45	85	1511213	1	4	2-7-8	7
1LC5	1.4	7	70	1431651	2	4	2-3-6	2	1V6	1.25	14	79	3351132	1	5	1-2-3-5	1-6
1LC6	1.4	7	75	1435111	2	4	2-3-4	2	1W4	1.4	33	71	1331152	2	3	2-3-6	2
1LD5	1.4	27	36	1436151	1	5	2-3-6	2	1W5	1.25	25	53	1511213	2	4	2-7-8	7
"	1.4	7	25	1665161	4	6	4	4	1X2	1.4	0	85	6612161	2	3	C	C
1LE3	1.4	12	73	1411651	4	3	2-6	2	2A3	2.5	55	70	2451111	3	2	2-3	2
1LG5	1.4	7	83	1431651	3	3	2-3-6	2	2A4"	2.5	20	78	1251111	4	2	3-5	3
1LH4	1.4	13	86	1416151	2	5	2-6	2	2A5	2.5	85	78	1251111	4	2	3	3
"	1.4	7	23	1615161	4	4	4	4	2A6	2.5	7	44	2445111	4	2	2-3-4-5	2
1LN5	1.4	7	65	1431651	4	4	2-3-6	2	2A6"	2.5	7	20	2466111	2	5	2-3-4-5	2
1M3	1.4	100	70	5611211	4	2	1	8	2A7"	2.5	7	20	2466111	4	6	3-4	3-4
1N2A	1.4	0	60	6166662	4	6	C	C	2A7"	2.5	7	87	2334111	4	4	2-3-5-6	2
1N3	1.4	100	70	5611211	2	5	1	8	2AF4	2.5	7	77	4521166	4	4	4	4
1N5	1.4	7	79	1143112	4	4	3-4-C	3	2AH2	2.0	77	77	2661666	1	2	1-2-5	1
1N6	1.4	34	92	1233561	2	3	3-4-5-6	3		2.5	0	25	6616164	4	3	C	C
"	1.4	7	25	1233561	4	6	6	6		2.5	0	25		4	3		

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
2AS2	2.5	0	1666666	2	3	C	C	2FS5	2.5	44	10	3	3	1-2-5-6	5
"	Good	tube	above 20.					2FV6	2.5	25	25	2	2	1-5-6-7	5
2AV2	1.4	80	6662166	4	4	9	9	2FY5	2.5	15	60	2	3	2-5-7	5
2AZ2	2.0	0	6612161	3	2	C	C	2GK5	2.5	30	90	2	2	1-2-5	5
2B3	2.5	0	6111112	2	4	C	C	2GU5	2.5	68	80	3	2	1-2-5-6	5
2B7	2.5	78	2436611	3	3	*	2								
"	*2-3-4-5-6-C														
"	2.5	7	2436611	4	6	4-5	4-5	2GW5	2.5	45	80	2	2	1-2-5	1
2BA2	2.0	70	6662166	3	2	9	9	2HA5	2.0	90	96	1	2	1-2-5	5
2BJ2	2.5	0	6216661	3	2	C	C	2HK5	2.5	25	80	1	2	1-2-5	5
2BN4	2.5	45	1521466	1	3	C	C	2HM5	2.0	90	96	2	2	1-2-5	5
2BU2	2.8	0	1666666	2	3	1-2-5	5	2HQ5	2.5	50	60	2	2	1-2-5	5
"	Good	tube	above 40.												
2C21	2.5	23	1665412	3	3	4-5-6	5	2HR8	2.5	10	90	2	3	3-6	6
"	2.5	23	1146662	3	3	2-3-C	3	2T4	2.5	35	71	2	2	1-2-5	1
2C50	2.5	10	1115412	2	2	4-5-6	5	2V2	2.5	0	70	4	3	C	C
"	2.5	10	5411112	2	2	1-2-3	2	2V3	2.5	0	93	4	3	C	C
2C51	6.3	30	2154145	2	3	*	4-6	2W3	2.5	0	96	4	1	4	4
"	*2-3-4-6-7-8														
2C52	2.5	7	1115412	4	4	4-5-6	5	2X2	2.5	0	7	4	2	C	C
"	2.5	7	5411112	4	4	1-2-3	2	3A2	2.8	0	35	2	4	C	C
2CN3	1.4	0	6266661	3	2	C	C	3A3	2.8	0	25	1	4	C	C
2CW4	2.5	7	1415111	1	3	2-4-8	2	3A4	2.8	70	90	2	2	2-3-4	2
2CV5	2.5	7	5112436	2	3	1-2-5-6	5	3A5	2.8	15	63	2	3	2-3	2
2D21	6.3	0	100	1	1	1-2-5-6	6	"	2.8	7	67	4	5	5-6	6
2DF4	2.5	30	3141216	2	2	1-3-8	3	"	2.8	7	23	4	6	8	8
2DL4	2.0	55	5162166	2	2	1-2-8	8	3AF4	2.8	77	77	1	2	1-2-5	1
2DM4	12.6	0	6611411	4	1	3-5	5	3AL5	2.8	80	90	4	2	1-2-5-7	2-7
2DM5	12.6	7	1512634	4	1	1-2-6-7	7	3AT2	2.8	0	95	3	2	1-2-5-7	C
2DS4	2.0	61	1415111	1	3	2-4-8	2	"	Good	tube	reads				
2DV4	2.0	40	4615161	3	2	1-4-7	1	3AU6	2.8	70	89	3	2	1-5-6-7	5
2DW4	2.0	0	6662164	4	1	7-9	7	3AV6	2.8	25	85	3	3	1-2-7	7
2DX4	2.5	10	4521166	1	3	1-2-5	1	"	2.8	25	14	4	6	5-6	5-6
2DY4	2.5	10	4521166	1	3	1-2-5	1	3AW2	2.8	0	60	3	2	C	C
2DZ4	2.0	25	4521166	2	2	1-2-5	1	3AW3	2.8	0	25	1	4	C	C
2E5	2.5	7	2414111	4	3	2-3-4-5	2	3B2	2.8	55	55	3	3	C	C
2E26	6.3	20	1236561	3	2	1-3-5-C	C	3B4	2.5	80	83	2	3	1-3-7	7
2EA5	2.5	25	5112436	2	3	1-2-5-6	5	3B7	2.5	45	34	3	3	2-3	2
2EG4	1.4	50	1415111	2	3	2-4-8	2	"	2.5	45	34	3	3	6-7	7
2EN5	2.5	0	1612114	1	1	5-7	7	3BA6	2.8	75	90	3	2	1-5-6-7	5
"	2.5	0	1412116	1	1	2-5	2	3BC5	2.8	30	20	3	3	1-2-5-6	5
2ER5	2.0	35	1521466	2	2	1-2-5	5	3BE6	2.8	30	96	2	3	1-2-5-7	5
2ES5	2.5	20	6521461	2	3	2-5-7	5	3BH2▲	2.8	0	65	2	2	C	C
2EV5	2.5	7	5112436	3	2	1-2-5-6	5	3BL2	3.8	0	80	3	2	C	C
2FH5	2.5	16	6521461	2	3	2-5-7	5	"	No	short	test.				
2FQ5	2.5	60	1521416	2	2	1-2-5	5	3BM2	2.8	0	60	3	2	C	C

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
3LF4	2.8	23	29	2431156	2	3	2-3-6	2	4DL4	4.2	55	65	5162166	2	2	1-2-8	8
3MP26	3.8	25	25	5121436	3	2	1-2-5-6	6	4DT6	4.2	29	86	5112431	3	3	1-2-5-7	5
3MR24	2.8	42	42	5121431	2	3	1-2-5-6	5	4EH7	4.2	30	40	1561214	2	3	1-2-7-8	7
3MV7	2.8	42	42	5121431	2	3	1-2-5-6	5	4EJ7	4.2	53	76	1561214	3	2	1-2-7-8-9	7
3Q4	2.8	35	29	1453662	2	3	2-3-4	2	4ES8	4.2	35	50	6662145	2	2	6-7-8	6
									"	4.2	35	50	4512166	2	2	1-2-3	1
3Q5	1.4	25	27	1243512	2	3	3-4-5	3	4EW6	4.2	85	82	5121431	3	2	1-2-5-6	5
3S4	2.8	7	40	1453662	2	3	2-3-4	2	4GK5	4.2	30	90	1521466	2	2	1-2-5	5
3V4	2.8	30	34	2431651	2	3	2	2	4GM6	4.2	30	70	5121436	4	2	1-2-5-6	5
3Z4	2.8	0	80	1453662	1	4	2-3-4	2	4GS7	4.2	65	80	6611243	3	2	3-6-7-9	6
4A6	3.8	7	77	1235531	1	4	3-4-5-6	3-6	4GS8	4.2	20	80	5411266	2	2	1-2-3	2
									"	4.2	40	50	1341215	2	4	1-2-3-7	3
4AB8	3.8	70	80	4512166	3	2	1-2-3	1	4GSS	4.2	40	50	1361265	2	4	1-2-7-8	8
"	3.8	60	75	6612146	3	2	3-6-8-9	6	"	4.2	67	96	4512161	3	2	1-2-5	1
4AU6	4.2	70	89	5112431	3	2	1-5-6-7	5-6	4GW5	4.2	70	75	1562143	3	2	1-2-6-7	6
4AV6	4.2	25	85	5121664	3	3	1-2-7	7	4GX7	4.2	45	40	1662166	3	2	1-8-9	8
"	4.2	25	14	5121664	4	6	5-6	5	"	4.2	60	60	1512634	3	2	1-2-6-7	7
4BA6	4.2	40	90	5112431	3	2	1-5-6-7	5	4GZ5	4.2	90	96	5121466	1	2	1-2-5	5
4BC5	4.2	30	20	5121436	3	3	1-2-5-6	6	4HA5	4.2	50	72	2411611	3	3	2-3-11	2
"	4.2	20	10	6661245	2	3	6-7-8	6	4HA7	4.2	50	72	2111611	3	2	4-9-10	10
4BC8	4.2	20	10	4511266	2	3	1-2-3	1	"	4.2	70	90	2111114	2	2	4-7-8	7
"	4.2	20	10	5121431	2	3	1-2-5-7	5	4HC7	4.2	60	60	2411111	2	3	2-3-11	2
4BE6	4.2	30	96	5121431	2	3	1-8-9	6	"	4.2	30	40	1561266	2	3	1-2-8-9	8
4BL8	4.7	35	70	4661266	2	2	2-3-6-7	5	4HG8	4.2	93	90	1661254	1	2	1-6-7	7
"	4.7	50	70	6531241	4	2	1-2-5	7	"	4.2	25	80	5121466	2	2	1-2-5	5
4BN4	4.2	10	75	1512416	4	2	1-2-5-6-7	6	4HK5	4.2	90	96	5121466	1	2	1-2-5	5
4BN6	4.2	25	75	1512314	2	4	1-2-5-6-7	7	4HM5	4.2	50	30	1562114	2	3	1-2-7-8	7
"	4.2	75	75	6661245	2	2	6-7-8	6	4HM6	4.2	20	95	5121466	2	2	1-2-5	5
4BQ7	4.2	75	75	4511266	2	2	1-2-3	1	4HQ5	4.2	7	75	3611246	3	3	1-3-6-9	6
"	4.2	13	20	6661245	2	3	6-7-8	6	4HR8	4.2	45	45	1361265	2	4	1-2-7-8	8
4BS8	4.2	13	20	4511266	2	3	1-2-3	1	4HS8	4.2	45	45	1341215	2	4	1-2-3-7	3
4BU8	4.2	70	90	1341215	2	3	1-2-3-7	3	"	4.2	45	45	above 60	2	4	1-2-3-7	3
"	4.2	40	50	1361265	2	4	1-2-7-8	8	"	Good tube reads	75	75	1562114	3	2	1-2-7-8	7
4BX8	4.2	25	75	6662145	2	2	6-7-8	1	"	4.2	85	80	1562114	3	2	1-2-7-8	7
"	4.2	25	75	4512166	2	2	1-2-3	5	4HT6	4.2	85	80	1562114	3	2	1-2-7-8	7
4BZ6	4.2	85	80	5121431	2	3	1-2-5-6	5	4JC6	4.2	70	70	1562114	3	2	1-2-7-8	7
"	4.2	50	50	6661245	1	3	6-7-8	6	4JD6	4.7	30	87	1562114	3	2	1-2-7-8	7
4BZ7	4.2	50	50	4511266	1	3	1-2-3	1	4JH6	4.2	30	87	5121431	3	2	1-2-5-6	5
"	4.2	20	20	6661245	3	2	6-7-8	6	4JK6	4.2	70	16	5121431	3	2	1-2-5-6	5
4BZ8	4.2	12	20	4511266	3	2	1-2-3	1	4JL6	3.8	75	70	5121431	3	2	1-2-5-6	5
4CB6	4.2	38	55	5121431	2	3	1-2-5-6	5	4JW8	4.2	85	80	4112111	3	2	1-8-9	1
4CE5	4.2	30	20	5121436	3	3	1-2-5-6	5	"	4.2	85	80	1532141	3	2	2-3-6-7	6
4CM4	3.8	75	40	4512166	2	2	1-2-3	1	4KE8	4.2	75	75	4112111	2	2	1-8-9	1
"	4.2	15	30	5121431	2	4	1-2-5-6	5	"	4.2	70	80	1532141	3	2	2-3-6-7	7
4CS6	4.2	17	20	6661245	2	3	6-7-8	6	4KF8	4.2	13	98	1266664	3	3	7-8-9	6
4CY5	4.2	17	20	4511266	2	3	1-2-3	1	"	4.2	26	98	12661245	3	3	4-5-6	6
4DE6	4.2	15	9	5112436	2	3	1-2-5-6	5	4KN8	4.2	35	35	6661245	2	2	6-7-8	6
4DK6	4.2	65	85	5121431	2	3	1-2-5-6	5	"	4.2	35	35	4511266	2	2	1-2-3	1

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
5EW6	5.0	85	82	5121431 1111111	3	2	1-2-5-6	5	5RDDH1	4.7	75	75	4112111 1111111	2	1	1-2	1
5FG7	4.7	45	85	5411266 6611111	2	2	1-2-3	2	"	4.7	75	75	1112141 1111111	2	1	3-6	6
5FV8	4.7	65	85	6611243 6511111	3	2	3-6-7-9	6	"	4.7	40	70	1112114 5111111	1	4	7-8-9	7
"	5.0	60	85	6662143 1511111	3	2	6-7-8-9	6	5RHP1	4.7	35	70	4661266 1511111	2	2	1-8-9	1
"	5.0	60	70	5412166 6611111	2	2	1-2-3	2	5RHR1	4.7	50	70	6531241 6611111	4	2	2-3-6-7	6
5GH8	5.0	25	62	6531241 6611111	2	3	2-3-6-7	6	"	5.0	60	70	4661266 1511111	2	2	1-8-9	1
"	5.0	50	84	4661266 1511111	2	2	1-8-9	6	5T4	5.0	80	94	6531241 6611111	2	2	2-3-6-7	6
5GJ7	5.0	46	46	1561243 6611111	2	3	1-2-6-7	6	"	5.0	0	30	6164666 2111111	4	1	4	6
"	5.0	22	50	1661266 4511111	2	2	1-8-9	8	5T8	5.0	0	30	6166646 2111111	4	1	6	6
5GM6	5.0	30	70	5121436 1111111	4	2	1-2-5-6	5	"	5.0	50	50	5661251 6611111	3	5	1-7	1
5GS7	5.0	45	45	5412166 6611111	2	2	1-2-3	2	"	5.0	50	50	6661261 5411111	3	3	7-8-9	9
"	5.0	45	80	6612143 6511111	3	2	3-6-7-9	6	"	5.0	50	50	6511266 6611111	3	4	2-3	2
5GX6	5.0	80	90	5121431 1111111	4	2	1-2-5-6	5	"	5.0	50	50	5661251 6611111	3	5	6-7	6
5GX7	5.0	70	75	1562143 6611111	3	2	1-2-6-7	6	5U4	5.0	35	35	1211141 1111111	4	1	6	6
"	5.0	45	40	1662166 4511111	3	2	1-8-9	8	"	5.0	35	90	4661216 1511111	4	1	4	4
5HA7	5.0	55	65	2411611 6115111	3	3	2-3-11	2	5U8	5.0	44	73	6531241 6611111	2	3	1-8-9	1
"	5.0	55	65	2111611 6541111	3	2	4-9-10	10	"	5.0	44	73	6531241 6611111	2	3	1-9-C	9
5HB7	4.7	75	80	1562143 6611111	3	2	1-2-6-7	6	5U9	6.3	50	50	1611216 1411115	1	4	2-3-7-8	8
"	4.7	50	60	1662166 4511111	3	2	1-8-9	8	5V3	5.0	25	25	6164666 2111111	3	1	4	4
5HC7	5.0	70	90	2111114 1561111	2	2	4-7-9	7	"	5.0	25	25	6166646 2111111	3	1	6	6
"	5.0	60	60	2411111 1115111	2	3	2-3-11	8	5V4	5.0	80	80	1114111 2111111	2	1	4	4
5HG8	5.0	30	40	1561266 4311111	2	3	1-2-8-9	8	"	5.0	80	80	1111141 2111111	2	1	6	6
"	5.0	93	90	1661254 6611111	1	2	1-6-7	7	5V6	5.0	40	40	6143562 1111111	4	2	4	3
5HZ6	4.7	20	75	5121431 1111111	3	3	1-2-5-6	5	5V9	4.7	40	40	6143562 1111111	4	2	3-4-5-8	8
5J6	4.7	20	34	6412561 1111111	2	3	2-5-7	2	"	5.0	65	55	1153214 5111111	1	4	1-3-4-7	7
"	4.7	20	34	4612651 1111111	2	3	1-6-7	1	5W4	5.0	55	55	1111211 5111114	1	3	8-9-C	C
5JK6	5.0	20	23	5121431 1111111	2	3	1-2-5-6	5	"	5.0	46	46	1211141 1111111	1	4	4-6	6
5JL6	5.0	75	70	5121431 1111111	3	2	1-2-5-6	5	5X3	5.0	60	60	1214111 1111111	4	1	4	4
5JWS	4.7	85	80	4112111 1511111	3	2	1-8-9	1	"	5.0	60	60	2141111 1111111	4	1	2-3	3
"	4.7	85	80	1532141 1111111	3	2	2-3-6-7	6	5X4	5.0	60	60	2141111 1111111	4	1	2	2
"	4.7	85	82	4661266 1511111	2	2	1-8-9	1	"	5.0	60	60	1161411 2111111	4	1	5	5
5KD8	5.0	25	82	4661266 1511111	2	2	1-8-9	1	"	5.0	40	40	1141611 2111111	4	1	3	3
"	5.0	80	100	6531241 6611111	2	2	2-3-6-7	6	5X8	5.0	40	40	1141611 2111111	4	1	3	3
5KE8	5.0	70	80	1532141 1111111	3	2	2-3-6-7	6	"	4.7	20	30	1662115 3411111	3	3	6-7-8-9	9
"	5.0	75	75	4112111 1511111	2	2	1-8-9	1	5X9	4.7	20	20	1542116 6111111	2	2	2-3	2
5KZ8	5.0	95	90	4112111 1511111	1	2	1-8-9	1	"	4.7	20	20	1611216 1411115	1	4	1-9-C	9
"	5.0	45	50	1512143 1111111	2	3	2-3-6-7	6	5Y3	6.3	45	45	6151214 3111111	1	4	2-3-7-8	8
5LJ8	5.0	40	85	5411266 6611111	2	2	1-2-3	2	"	6.3	45	45	1211141 1111111	1	4	6	6
"	5.0	40	85	6611243 6511111	2	2	3-6-7-9	6	5Y4	5.0	85	85	1214111 1111111	2	1	4	4
"	5.0	50	50	6662143 1511111	3	2	6-7-8-9	6	"	5.0	57	57	1161411 2111111	4	1	5	5
5MB8	4.7	40	42	6662143 1511111	2	3	1-2-3	2	5Z3	5.0	0	35	1462111 1111111	4	1	3	3
"	4.7	25	30	5412166 6611111	2	3	2-5-7	2	"	5.0	0	35	1642111 1111111	4	1	2	2
5MH3	4.7	45	60	6421561 1111111	3	2	1-6-7	1	"	5.0	0	35	1642111 1111111	4	1	3	3
"	4.7	45	60	4621651 1111111	3	2	1-6-7	1	5Z4	5.0	0	40	1114161 2111111	4	1	4	4
5MK9	5.0	0	75	6621466 1111111	2	1	5	5	"	5.0	0	40	1116141 2111111	4	1	6	6
5MQ8	5.0	75	75	4112111 1511111	2	2	1-8-9	1	6A3	6.3	7	65	1432111 1111111	4	2	2-3	2
"	5.0	49	13	1532141 1111111	2	3	2-3-6-7	6	6A4	6.3	7	73	2453111 1111111	4	2	2-3-4	4
5P29	6.3	55	70	1113512 1111114	2	2	4-5-8-C	C	6A5	6.3	7	79	1231511 6111111	4	1	5	3
5R4	5.0	0	83	6164666 2111111	2	1	4	4	6A6	6.3	7	94	2351531 1111111	4	3	2-3-4-5-6	6
"	5.0	0	83	6166646 2111111	2	1	6	6		6.3	17	94	2351531 1111111	3	3	2-3-4-5-6	2-6

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6A7	6.3	7	78	2334511	4	3	2-3-4-5-6	2	6AH7	6.3	40	38	5131532	3	3	1-2-4-5	3-6
"	6.3	7	98	2434511	4	3	4	4	6AH9	6.3	40	50	2541111	3	2	2-3-4	3
6A8	6.3	7	30	1243541	2	4	3-4-5-6-8	3	"	6.3	40	50	2111561	4	2	5-7-8-11	11
"	6.3	15	35	1243541	2	4	6	6	6AJ4	6.3	10	55	5166461	2	2	1-2-5	5
6AB4	6.3	50	85	4112151	3	2	1-6-7	1	6AJ5	6.3	7	78	5121436	2	3	1-2-5-6	5
6AB5	6.3	7	87	2412111	4	3	2-3-4-5	2	6AJ7	6.3	15	100	6115132	4	2	4-5-6-8	8
"	6.3	7	87	2114111	4	3	2	2	"	6.3	15	100	6115132	4	2	4-5-6-8	8
6AB7	6.3	40	94	6115132	1	3	2-4-5-6-8	8	6AJ8	6.3	92	92	3512143	2	2	1-2-3-6-7	6
6AB8	6.3	7	85	4511266	2	3	1-2-3	1	"	6.3	76	76	3512113	1	3	8-9	8
"	6.3	7	72	6611241	2	3	3-6-8-9	6	6AK4	6.3	70	15	5616126	1	3	1-5-8	8
6AC5	6.3	75	20	1241511	4	2	5-8	3	6AK5	6.3	35	52	5121436	2	3	1-2-5-6	5
6AC6	6.3	7	65	1244511	4	2	3-4-5-8	3	6AK6	6.3	50	89	5112431	3	2	1-5-6-7	5
6AC7	6.3	15	100	6115132	4	2	4-5-6-8	8	6AK8	6.3	10	77	6612161	2	4	*	9
6AC9	6.3	70	95	2511116	3	3	2-3	2	"	*1-2-3-6-7-8-9	75	75	2661161	1	3	7-10-11	11
"	6.3	70	95	2651116	3	3	3-4	3	6AK9	6.3	66	67	2451661	1	3	2-3-7	2
"	6.3	60	80	2111111	3	2	8-9-10-11	11	"	6.3	90	95	2661461	1	2	5-7-8-9	5
6AC10	6.3	70	75	2411111	3	2	2-3-11	2	6AK10	6.3	70	70	2111415	2	2	5-6-7	5
"	6.3	70	75	2111415	3	2	4-9-10	5	"	6.3	70	70	2411111	2	2	2-3-11	2
6AD4	6.3	20	70	5616126	1	4	5-8	8	"	6.3	70	70	2111111	2	2	4-9-10	10
6AD6	6.3	0	65	6156412	4	5	3-5-8	5	6AL3	6.3	0	100	6661266	1	1	9-C	9
6AD7	6.3	7	92	5243541	3	2	1-4-5-8	3	6AL5	6.3	80	90	1521115	4	2	1-2-5-7	2-7
6AD8	6.3	7	40	5243541	3	3	6	6	6AL7	6.3	15	90	5245551	4	5	3-4-5-6-8	3
6AD10	6.3	25	50	2151134	4	3	2-3-6-7	7	6AL9	6.3	10	55	1411161	2	3	2-9-10-11	2
"	6.3	30	30	2111111	2	3	8-9-10-11	11	"	6.3	82	82	2111514	2	2	5-6-7	7
6AE5	6.3	86	39	1231511	1	3	5-8	3	6AL11	6.3	45	40	2151643	3	3	2-6-7	6
6AF3	6.3	0	35	6662166	3	1	9-C	9	6AM4	6.3	55	60	2111611	3	2	8-9-10-11	11
6AF4	6.3	77	77	4521166	1	2	1-2-5	1	6AM6	6.3	80	70	5166462	3	3	1-2-5	5
6AF5	6.3	7	34	1231511	2	3	5-8	3	6AM8	6.3	18	50	6152413	1	2	1-2-5-7	5
6AF6	6.3	0	65	6154412	4	5	3-5-8	5	"	6.3	0	10	6661261	1	2	7-8	8
"	6.3	0	65	6145412	4	5	3-5-8	5	6AN4	6.3	40	40	1531241	2	3	1-2-3-6	6
6AF9	6.3	20	45	5134211	1	4	1-2-3-4	4	6AN5	6.3	7	93	4521166	4	2	1-2-5	1
"	6.3	60	60	1111211	1	3	7-8-9-C	C	6AN6	6.3	50	50	5121436	2	2	1-2-5-6	5
6AF11	6.3	40	50	1411111	3	2	2-9-10-11	2	"	6.3	0	66	1556612	2	3	2-3-6	2-3
"	6.3	65	65	1111151	3	2	5-6-8	8	6AN7	6.3	0	66	1665512	2	3	4-5-6	4-5
"	6.3	85	90	1154111	2	2	3-4-7	4	"	6.3	7	93	3512163	4	3	2-3-7-9	7
6AG5	6.3	70	95	5121436	3	2	1-2-5-6	5	6AN8	6.3	7	64	3512163	4	3	8	8
6AG7	6.3	75	55	1265131	3	2	4-5-6-8	8	"	6.3	20	40	4511266	3	2	1-2-3	1
6AG9	6.3	20	60	2411161	3	2	2-9-10-11	2	6AQ5	6.3	60	60	6661243	3	2	6-7-8-9	6
"	6.3	20	82	2111514	3	2	5-6-7	7	6AQ6	6.3	70	34	5112436	3	2	1-2-5-6	5
6AG11	6.3	0	7	2146666	1	2	2-3	3	"	6.3	20	90	5121664	3	3	1-2-7	7
"	6.3	84	34	2661546	1	3	4-5-6	6	6AQ7	6.3	23	55	1121551	4	6	5-6	5-6
"	6.3	84	34	2666664	1	3	7-8-9	7	"	6.3	45	45	5151112	2	5	1-2-3	1-3
"	6.3	0	7	2666666	1	2	10-11	10	6AQ8	6.3	7	30	6165412	4	4	4-5-6	5
6AH4	6.3	15	75	5166462	1	2	1-5-8	5	"	6.3	80	80	6662145	2	2	6-7-8	6
6AH5	6.3	25	76	3214151	4	1	1-4-6-8	4	6AR5	6.3	80	80	4512166	2	2	1-2-3	1
6AH6	6.3	55	99	5612431	2	2	1-5-6-7	5	"	6.3	60	20	5112436	4	2	1-2-5-6	5

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6AR6	6.3	7	73	1142425	4	1	1-3-5-7	3	6AZ5	6.3	0	80	6611621	2	3	2-8	8
6AR8	6.3	20	20	1142151	4	3	3-6-8-9	8-9	"	6.3	0	80	4111626	2	3	1-2	1
6AR11	6.3	75	90	2431511	3	2	2-3-5-6	2	6AZ8	6.3	80	70	4312151	3	2	1-2-3	1
6AS5	6.3	75	90	2111111	3	2	8-9-10-11	8	"	6.3	55	45	1112111	3	2	7-8-9	8
6AS6	6.3	7	25	1512634	4	2	1-2-6-7	7	6B3	6.3	50	50	6461266	4	1	2-2	2
6AS7	6.3	30	40	5121431	3	3	1-2-5-6	5	6B4	6.3	55	70	1241511	3	2	2-3	3
6AS8	6.3	7	80	1115412	1	1	4-5-6	5	6B6	6.3	7	41	1246611	2	5	3-4-5-8-C	4-5
6AS11	6.3	77	97	3511261	2	2	1-2-3-9	2	6B7	6.3	78	12	2436611	3	3	*	2
"	6.3	0	10	6661246	1	2	6-8	6	"	*2-3-4-5-6-C	7	20	2436611	4	6	4-5	4-5
6AT6	6.3	35	65	1411111	3	2	2-9-10-11	8	6B8	6.3	30	60	6146632	3	4	3-6-8	3
"	6.3	30	90	1111151	2	3	3-4-7	4	6B10	6.3	85	85	6165662	2	3	4-5-8	4-5
6AT8	6.3	13	93	5121664	1	4	2-7	7	"	6.3	50	60	2154111	3	2	2-3-4	4
"	6.3	67	36	1121551	2	6	5-6	5-6	"	6.3	0	20	2111541	3	2	5-6-7	6
"	6.3	70	75	5411266	1	3	1-2-3	2	6B32	6.3	90	90	2111111	4	2	8-9-10	8-10
"	6.3	43	18	6611243	3	3	6-7-9	6	6BA3	6.3	0	35	1521115	4	2	1-2-5-7	2-7
6AU4	6.3	0	10	6611411	1	2	3-5	5	"	6.3	0	57	6662164	4	1	7-9	7
6AU5	6.3	25	90	5111412	3	1	1-3-5-8	5	6BA5	6.3	20	62	5111423	3	3	1-5-7-8	5
6AU6	6.3	70	89	5112431	3	2	1-5-6-7	5	6BA6	6.3	75	90	5121431	3	2	1-5-6-7	5
6AU7	6.3	20	80	4512111	3	2	1-2-3	1	6BA7	6.3	20	90	3512115	2	3	1-2-3-9	9
6AU8	6.3	20	80	1112145	3	2	6-7-8	6	6BA8	6.3	70	70	1541266	2	2	1-2-3	3
"	6.3	80	80	1541266	2	2	1-2-3	3	"	6.3	75	75	6661215	2	2	6-7-8-9	9
"	6.3	80	80	6661215	2	2	6-7-8-9	9	6BA11	6.3	85	85	2435666	3	3	3-4-6-8	6
6AV5	6.3	10	80	5111412	4	1	1-3-5-8	5	"	6.3	85	85	2435666	3	3	2-3-4-8	2
6AV6	6.3	25	14	5121664	3	3	1-2-7	7	"	6.3	57	57	2666666	3	2	9-10-11	11
6AV11	6.3	50	95	2111111	2	2	4-9-10	10	6BB14A	6.3	30	50	5612136	3	1	1-3-6-C	C
"	6.3	50	95	2111415	2	2	5-6-7	5	6BC4	6.3	20	87	3562116	3	2	1-2-6	1
6AW6	6.3	50	95	2411111	2	2	2-3-11	2	6BC5	6.3	30	20	5121436	3	3	1-2-5-6	5
6AW8	6.3	19	39	5121431	3	3	1-2-7	3	6BC7	6.3	47	47	1561266	3	4	1-2	2
"	6.3	50	50	6662115	3	2	6-7-8-9	9	"	6.3	47	47	6661251	3	4	6-7	6
"	6.3	72	72	1542166	3	2	1-2-3	3	6BC8	6.3	20	10	4511266	2	3	8-9	8
6AX3	6.3	0	80	2114111	2	1	4-7	4	"	6.3	20	10	6111111	2	3	1-2-3	1
6AX4	6.3	0	32	6611412	3	1	3-5	5	6BD4	6.3	50	55	1111512	4	4	1-5-C	C
6AX5	6.3	0	60	6141612	4	1	5-8	3	6BD5GT	6.3	7	90	5111412	4	1	1-3-5-8	5
6AX7	6.3	40	76	4511266	2	3	1-2-3	1	6BD6	6.3	8	34	5112431	3	3	1-5-6-7	7
6AX8	6.3	40	76	6661245	2	3	6-7-8	6	6BD11	6.3	60	50	1411111	3	2	2-9-10-11	11
"	6.3	55	90	4661266	2	3	1-8-9	1	"	6.3	37	25	1154111	2	3	3-4-7	4
"	6.3	25	35	6531241	2	3	2-3-6-7	6	6BE3	6.3	0	100	2111411	1	1	5-6-8	8
6AY3	6.3	0	25	6662164	3	1	7-9	7	6BE6	6.3	30	55	5121431	3	3	1-2-5-7	5
6AY11	6.3	0	7	2146666	1	2	2-3	3	6BE7	6.3	65	92	3312145	1	4	1-3-6	6
"	6.3	38	60	2661546	1	1	4-5-6	6	6BE8	6.3	80	55	6611243	2	2	6-7-8-9	9
"	6.3	40	61	2661664	1	1	7-8-9	7	"	6.3	70	83	5411266	2	2	1-2-3	2
"	6.3	0	7	2661666	1	1	10-11	10	6BF5	6.3	25	60	5112436	2	2	1-2-5-6	5

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6BF6	6.3	85	90	1121551	3	4	5-6	5-6	6BN4	6.3	45	53	1512466	1	3	1-2-5	5
"	6.3	85	90	5121664	2	2	1-2-7	7	6BN5	6.3	25	50	5611214	2	3	1-3-6-7-9	7
6BF7	6.3	15	30	6616125	3	3	5-7-8	8	6BN6	6.3	44	90	1512314	2	4	1-2-5-7	7
"	6.3	15	30	4511616	3	3	1-2-4	1	6BN7	6.3	25	75	1512314	2	4	1-2-5-6-7	7
6BF8	6.3	65	75	5662116	2	4	1-6	1	6BN8	6.3	0	30	4112111	1	2	1-2	1
"	6.3	65	75	6562116	2	4	2	2	"	6.3	0	30	1112141	1	2	3-6	6
"	6.3	65	75	6652116	2	4	3	3	"	6.3	70	65	1112114	3	2	7-8-9	7
"	6.3	65	75	6662115	2	4	7	7	6BN11	6.3	80	85	2153411	3	2	2-3-4-5	5
"	6.3	65	75	6662116	2	4	8	8	6BQ5	6.3	80	85	2111115	3	2	7-8-9-11	11
6BF11	6.3	52	70	6662116	3	3	2-3-6-7	7	6BQ6	6.3	60	95	6512164	4	1	2-3-7-9	7
"	6.3	50	55	2111134	2	2	8-9-10-11	11	6BQ7	6.3	90	90	1163562	1	2	4-5-8-C	C
6BG6	6.3	85	90	2111111	4	1	3-5-8-C	C	6BQ7	6.3	75	75	6661245	2	2	6-7-8	6
6BG7	6.3	15	30	3521115	3	3	2-4-5-7	1-8	6BR3	6.3	0	70	4511266	2	1	1-2-3	9
6BH3	6.3	0	45	6662164	4	1	7-9	7	6BR5	6.3	0	54	1162164	3	3	1-7-9	7
6BH6	6.3	65	55	5121431	2	3	1-2-5-6	5	"	6.3	0	54	1162161	3	3	7	7
6BH8	6.3	40	40	1541266	3	2	1-2-3	3	6BR7	6.3	90	90	6661255	3	3	6-7-8	6-7
"	6.3	30	30	6661215	2	3	6-7-8-9	9	"	6.3	75	75	4511266	3	2	1-2-3	1
6BH11	6.3	65	75	2145111	2	2	2-3-4	3	6BR8	6.3	60	85	6661243	2	2	1-2-3	2
"	6.3	65	75	2111154	2	2	5-6-7	7	"	6.3	60	85	6661243	2	2	6-7-8-9	6
"	6.3	80	85	2111111	3	2	8-9-10-11	10	6BS3	6.3	0	75	6662164	2	1	7-9	7
6BJ3	6.3	0	75	2111411	2	1	4-7	4	6BS8	6.3	13	20	6661245	2	3	6-7-8	6
6BJ5	6.3	78	96	5112413	2	3	1-2-5-7	5	"	6.3	13	20	6661245	2	3	1-2-3	1
6BJ6	6.3	55	26	5121431	2	3	1-2-5-6	5	6BT6	6.3	7	80	5121663	4	4	1-2-5-6	7
6BJ7	6.3	47	47	1561266	3	4	1-2	2	"	6.3	7	20	5121663	4	6	5-6	5-6
"	6.3	47	47	6661251	3	4	6-7	6	6BT8	6.3	0	5	5511266	4	6	1-2-3	1-2
"	6.3	47	47	6661266	3	4	8-9	8	"	6.3	29	100	6661243	3	2	6-7-8-9	6
6BJ8	6.3	50	60	5161266	1	6	1-2	1	6BU4	6.3	75	95	1166562	4	4	1-5-C	C
"	6.3	50	60	6611256	1	6	3-6	6	6BU5	6.3	20	15	6135161	3	5	3-4-5-C	C
"	6.3	7	45	6661264	2	3	7-8-9	7	6BU6	6.3	7	0	5121664	4	3	1-2-5-6	7
6BK4	6.3	60	60	1166562	3	4	1-5-C	C	"	6.3	7	25	5121664	4	6	5-6	5-6
"	Good	tube reads above 40.															
6BK5	6.3	40	30	4151216	4	2	1-3-6-9	1	6BU8	6.3	70	90	1341215	2	3	1-2-3-7	3
6BK6	6.3	7	20	5121663	4	4	1-2-5-6	7	"	6.3	40	50	1361265	2	4	1-2-7-8	8
6BK7	6.3	65	85	6662145	2	2	5-6	5-6	6BV8	6.3	50	50	6661256	4	3	6-8	6
"	6.3	65	85	4512166	2	2	6-7-8	6	"	6.3	50	50	6661261	4	3	7-9	9
6BK8	6.3	55	60	5112141	3	4	1-2-3	1	"	6.3	15	15	1541261	2	3	1-2-3	3
6BK11	6.3	50	50	2111111	3	3	1-3-6-9	6	6BV11	6.3	40	40	2143151	3	3	3-4-5-6	3
"	6.3	50	50	2111415	3	3	4-9-10	10	6BW3	6.3	0	66	2111115	2	2	7-8-9-10	10
"	6.3	50	50	2411111	3	3	5-6-7	5	6BW4	6.3	0	50	2114661	2	1	4-7	4
6BL4	6.3	0	10	6616461	4	1	2-3-11	2	"	6.3	0	50	6661264	1	2	7-9	7
6BL7	6.3	50	55	1115412	2	2	4-5-6	5	6BW6	6.3	40	70	4661266	3	2	1-9	1
6BL8	6.3	35	70	5411112	2	2	1-2-3	2	6BW8	6.3	70	70	5612164	3	2	1-3-7-8	7
"	6.3	50	70	4661266	2	2	1-8-9	1	"	6.3	70	90	5151266	3	2	1-2-3	1-3
6BM8	6.3	50	70	6531241	4	2	2-3-6-7	6	6BW11	6.3	45	70	6661251	3	2	6-7-8-9	9
"	6.3	70	85	5662166	3	2	1-8-9	9	"	6.3	45	70	2111111	3	2	8-9-10-11	8
"	6.3	30	55	6152143	2	2	2-3-6-7	6	"	6.3	70	82	2153411	3	2	2-3-4-5	5

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
6BX6	6.3	7	1561214	2	3	1-2-7-8	7	6CC42	6.3	30	30	2	3	2-3-4-6-7-8	4-6	6CC42	6.3	30	30	2	3	2-3-4-6-7-8	4-6
6BX7	6.3	32	1115412	2	2	4-5-6	5	6CC43	6.3	80	80	2	2	6-7-8	6	6CC43	6.3	80	80	2	2	6-7-8	6
"	6.3	32	5411112	2	2	1-2-3	2	"	6.3	80	80	2	2	1-2-3	1	"	6.3	80	80	2	2	1-2-3	1
6BX8	6.3	25	6662145	2	2	6-7-8	6	6CD3	6.3	0	65	2	2	6-7-8	4	6CD3	6.3	0	65	2	2	4-7	4
"	6.3	25	6662145	2	2	1-2-3	1	6CD6	6.3	85	76	2	1	1-2-3	C	6CD6	6.3	85	76	2	1	3-5-8-C	C
6BY5	6.3	0	4512166	2	2	1-4	4	6CE3	6.3	0	55	2	1	1-4	4	6CE3	6.3	0	55	2	1	4-7	4
"	6.3	0	1114612	4	1	5-8	5	"	6.3	0	55	2	1	5-8	5	"	6.3	0	55	2	1	4-7	4
6BY6	6.3	30	5121431	1	4	1-2-5-6-7	5	6CE5	6.3	30	20	3	3	1-2-5-6-7	5	6CE5	6.3	30	20	3	3	1-2-5-6	5
6BY7	6.3	45	1562114	2	3	1-2-7-8	7	6CF6	6.3	40	90	2	3	1-2-7-8	4	6CF6	6.3	40	90	2	3	1-2-5-6	5
6BY8	6.3	30	561214	3	3	1-7-8-9	7	6CG3	6.3	0	65	2	1	1-7-8-9	4	6CG3	6.3	0	65	2	1	4-7	4
"	6.3	0	1112141	2	1	3-6	6	6CG7	6.3	30	30	2	3	3-6	6	6CG7	6.3	30	30	2	3	6-7-8	6
6BY11	6.3	50	2151134	3	3	2-3-6-7	7	"	6.3	30	30	2	3	2-3-6-7	1	"	6.3	30	30	2	3	1-2-3	1
"	6.3	50	2111111	2	2	8-9-10-11	11	6CG8	6.3	30	30	2	3	8-9-10-11	2	6CG8	6.3	30	30	2	3	1-2-3	2
6BZ3	6.3	0	2114661	2	1	4-7	4	"	6.3	55	55	2	3	4-7	6	"	6.3	55	55	2	3	3-6-7-9	6
6BZ6	6.3	85	5121431	2	3	1-2-5-6	5	6CH3	6.3	0	70	2	1	1-2-5-6	7	6CH3	6.3	0	70	2	1	7-9	7
6BZ7	6.3	50	6661245	1	3	6-7-8	6	6CH7	6.3	17	20	2	3	6-7-8	6	6CH7	6.3	17	20	2	3	6-7-8	6
"	6.3	50	4511266	1	3	1-2-3	1	"	6.3	17	20	2	3	1-2-3	1	"	6.3	17	20	2	3	1-2-3	1
6BZ8	6.3	20	6661245	2	3	6-7-8	6	6CH8	6.3	45	45	2	3	6-7-8	2	6CH8	6.3	45	45	2	3	2-3-6-7	2
"	6.3	20	10	2	3	1-2-3	1	"	6.3	50	50	2	3	1-2-3	9	"	6.3	50	50	2	3	1-8-9	9
6C4	6.3	25	4612651	2	3	1-6-7	1	6CJ3	6.3	0	20	4	1	1-6-7	7	6CJ3	6.3	0	20	4	1	7-9	7
6C5	6.3	47	6146562	3	2	3-5-8	3	6CJ5	6.3	90	84	2	1	3-5-8	C	6CJ5	6.3	90	84	2	1	1-2-3-C	C
6C6	6.3	15	1431121	2	4	2-3-5-C	2	6CJ6	6.3	30	20	2	2	2-3-5-C	C	6CJ6	6.3	30	20	2	2	2-3-9-C	C
6C7	6.3	20	2316611	3	3	2-4-5-6-C	2	6CK3	6.3	0	65	2	1	2-4-5-6-C	2	6CK3	6.3	0	65	2	1	2-9	2
"	6.3	7	2316611	4	6	4-5	4-5	6CK4	6.3	64	64	3	1	4-5	5	6CK4	6.3	64	64	3	1	1-5-8	5
6C8G	6.3	10	1166542	2	3	5-6-8	6	6CL3	6.3	0	100	1	1	5-6-8	7	6CL3	6.3	0	100	1	1	7-9	7
"	6.3	10	90	2	3	3-4-C	3	6CL5	6.3	45	85	2	1	3-4-C	C	6CL5	6.3	45	85	2	1	3-4-8-C	C
6C9	6.3	80	5342111	2	2	1-2-3-10	3	6CL6	6.3	55	55	3	2	1-2-3-10	6	6CL6	6.3	55	55	3	2	1-2-3-6-7	6
"	6.3	80	1112115	2	2	6-7-8-9	9	6CL8	6.3	30	35	2	2	6-7-8-9	2	6CL8	6.3	30	35	2	2	1-2-3	2
6C10	6.3	50	2411111	3	3	2-3-11	2	"	6.3	70	90	3	2	2-3-11	6	"	6.3	70	90	3	2	6-7-8-9	6
"	6.3	50	2111415	3	3	5-6-7	5	6CM3	6.3	0	91	1	2	5-6-7	1	6CM3	6.3	0	91	1	2	2-9	1
6C16	6.3	35	4661266	2	2	1-8-9	1	6CM4	6.3	55	70	2	2	1-8-9	2	6CM4	6.3	55	70	2	2	1-2-3	2
"	6.3	50	6531241	4	2	2-3-6-7	6	6CM5	6.3	30	20	2	2	2-3-6-7	C	6CM5	6.3	30	20	2	2	5-8-C	C
6C18	6.3	30	4612166	3	2	1-8-9	1	6CM6	6.3	45	25	4	2	1-8-9	9	6CM6	6.3	45	25	4	2	1-3-7-9	9
"	6.3	70	6342165	3	2	2-3-7-8	3	6CM7	6.3	30	30	2	3	2-3-7-8	6	6CM7	6.3	30	30	2	3	3-6-7	6
6CA4	6.3	0	4612166	2	1	1-3	1	"	6.3	15	5	2	1	1-3	1	"	6.3	15	5	2	1	1-8-9	1
"	6.3	0	6612164	2	1	3-7	7	6CM8	6.3	7	50	4	3	3-7	6	6CM8	6.3	7	50	4	3	2-3-6-7	6
6CA5	6.3	90	1512634	2	2	1-2-6-7	3	"	6.3	7	25	4	4	1-2-6-7	1	"	6.3	7	25	4	4	1-8-9	1
6CA7	6.3	30	1143512	4	1	3-4-5-8	3	6CN6	6.3	55	70	2	2	3-4-5-8	C	6CN6	6.3	55	70	2	2	4-5-8-C	C
6CA11	6.3	11	2114151	2	3	4-5-6	4	6CN7	6.3	44	80	2	4	4-5-6	8	6CN7	6.3	44	80	2	4	6-7-8	8
"	6.3	19	2451111	2	3	2-3-7	2	"	6.3	50	50	1	6	2-3-7	1-2	"	6.3	50	50	1	6	1-2-3	1-2
"	6.3	60	2111111	2	2	8-9-10-11	11	6CQ4	6.3	0	70	2	1	8-9-10-11	5	6CQ4	6.3	0	70	2	1	3-5	5
6CB5	6.3	10	3115662	3	1	1-3-4-C	C	6CQ6	6.3	25	70	3	3	1-3-4-C	5	6CQ6	6.3	25	70	3	3	1-2-5-7	5
6CB6	6.3	38	5121431	2	3	1-2-5-7	5	6CQ8	6.3	7	90	3	2	1-2-5-7	1	6CQ8	6.3	7	90	3	2	1-8-9	1
6CC31	6.3	20	6412561	2	3	2-5-7	2	"	6.3	44	95	3	2	2-5-7	6	"	6.3	44	95	3	2	2-3-6-7	6
"	6.3	20	4612651	2	3	1-6-7	1	6CR4	6.3	77	85	3	2	1-6-7	5	6CR4	6.3	77	85	3	2	1-2-5	5

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
6CR6	6.3	15	1612435	4	3	1-5-6-7	5	6DE4	6.3	0	75	2	1	3-5	5
"	6.3	7	1512666	4	6	1-2	2	6DE6	6.3	70	85	3	2	1-2-5-6	5
6CR8	6.3	14	6511243	3	3	2-3-6-7	6	6DE7	6.3	75	75	3	2	6-7-8	6
"	6.3	15	4661266	2	4	1-8-9	1	6DG6	6.3	40	40	3	1	1-2-9	1
6CS6	6.3	15	5121431	2	4	1-2-5-6	5	6DG7	6.3	7	93	3	1	3-4-5-8	3
6CS7	6.3	75	6661245	2	2	6-7-8	6	"	6.3	58	98	3	2	2-3-7-8	7
"	6.3	25	4651266	2	2	1-3-9	1	6DJ8	6.3	50	50	2	2	6-7-8	6
6CS8	6.3	72	6511243	3	2	2-3-6-7	6	"	6.3	50	50	2	2	1-2-3	1
"	6.3	67	4661266	3	2	1-8-9	1	6DK3	6.3	0	67	2	1	2-C	2
6CT3	6.3	0	6462166	2	1	2-9	2	6DK6	6.3	65	85	3	2	1-2-5-6	5
6CU5	6.3	23	1521634	3	1	1-2-6-7	7	6DL3	6.3	0	67	2	1	2-C	2
6CU6	6.3	90	1163562	1	2	4-5-8-C	C	6DL4	6.3	0	67	2	1	2-C	2
6CU8	6.3	7	1431215	3	3	2-6-7	2	"	6.3	55	65	2	2	1-2-8	8
"	6.3	7	1661266	3	2	1-8-9	2	6DL5	6.3	7	92	3	2	1-2-6	5
6CV7	6.3	15	1451661	4	3	3-5-6-7	9	6DM4	6.3	0	65	2	1	3-5	5
"	6.3	15	1451661	4	6	5-6	5-6	6DN3	6.3	0	66	2	1	2-9	2
6CW4	6.3	20	1415111	1	3	2-4-8	2	6DN6	6.3	7	65	2	1	3-5	5
6CW5	6.3	25	6512164	2	2	2-3-7-9	6	6DN7	6.3	30	35	2	1	3-5-8-C	2
6CX7	6.3	37	6661245	3	3	6-7-8	1	"	6.3	80	15	2	2	1-2-3	2
"	6.3	21	4511266	2	2	1-2-3	3	6DQ3	6.3	0	67	2	1	4-7	4
6CX8	6.3	85	1541266	2	2	1-2-3	3	6DQ4	6.3	0	80	2	1	3-5	5
"	6.3	75	6661215	2	2	6-7-8-9	9	6DQ5	6.3	50	50	1	2	1-3-4-C	C
6CY5	6.3	7	5112436	2	3	1-2-5-6	5	6DQ6	6.3	84	91	2	1	4-5-8-C	C
"	6.3	7	4652111	2	1	1-3-9	1	6DR4	6.3	50	55	3	3	1-6-7	1
6CY7	6.3	55	1612145	3	3	6-7-8	6	6DR7	6.3	28	28	4	3	6-7-8	6
6CZ5	6.3	45	3152161	3	2	1-3-7-9	9	"	6.3	28	28	1	2	1-2-9	1
6D1	6.3	50	4612651	3	3	1-6-7	1	6DR8	6.3	20	65	2	3	1-2-3-6	6
6D4	6.3	0	5612164	2	1	1-5-7	7	"	6.3	0	30	2	3	7-8	7-8
6D6	6.3	32	1431121	3	3	2-3-5-C	2	6DS4	6.3	75	75	2	2	2-4-8	2
"	6.3	32	2431111	2	4	2-3-6-C	2	6DS5	6.3	7	40	2	3	1-2-5-6	5
6D7	6.3	15	1243141	2	4	3-4-5-8	3	6DS8	6.3	45	53	3	2	3-8-9	8
6D8	6.3	7	1243141	2	4	6	6	"	6.3	40	50	3	3	1-2-3-6	6
6D10	6.3	70	1411415	4	2	*	2-5	6DT3	6.3	0	96	1	1	4-7	4
"	*2-3-5-6-7-11	50	611521	2	4		6	6DT4	6.3	0	80	2	1	3-5	5
"	6.3	50	1111111	4	2	4-9-10	10	6DT5	6.3	30	30	3	2	1-3-7-9	9
6DA4	6.3	0	6611412	2	1	3-5	5	6DT6	6.3	29	86	3	3	1-2-5-6	5
6DA5	6.3	7	5162164	4	5	1-2-7-9	9	6DT8	6.3	30	90	3	2	6-7-8	6
"	6.3	7	5162161	4	5	9	9	"	6.3	30	90	3	2	1-2-3	1
6DA6	6.3	35	1512114	2	3	2-3-7-8	7	6DU3	6.3	0	67	2	1	4-7	4
6DA7	6.3	80	6661245	3	2	6-7-8	6	6DV4	6.3	7	15	1	3	1-4-7	4
"	6.3	37	4651266	3	3	1-3-9	1	6DW4	6.3	0	100	1	1	7-9	1
6DB5	6.3	7	3151266	1	3	1-2-3-6-8	8	6DW5	6.3	60	70	3	1	1-3-7-9	9
6DB6	6.3	7	5121431	3	3	1-2-5-6	5	6DX4	6.3	10	40	2	2	1-2-5	1
6DC6	6.3	7	5121431	3	3	1-2-7	7	"	6.3	30	55	2	3	1-2-3	2
6DC8	6.3	60	3511246	4	2	1-2-3-6	6	6DX8	6.3	30	20	2	3	6-7-8-9	6
"	6.3	80	6611265	3	4	3-7-8	7-8	6DY4	6.3	10	40	1	1	1-2-5	1

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
6DY5	6.3	40	6511264	2	3	2-3-7-9	7	6EU7	6.3	26	80	3	3	7-8-9	7
6DZ4	6.3	50	4521166	1	2	1-2-5	1	"	6.3	26	80	3	3	4-5-6	6
6DZ7	6.3	20	5143662	2	2	1-3-4-8	3	6EU8	6.3	7	28	2	3	2-3-6	3
"	6.3	20	6163542	2	2	4-5-6-8	6	"	6.3	14	95	2	3	1-7-8-9	1
6DZ8	6.3	7	6151243	2	3	2-3-6-7	6	6EV5	6.3	60	60	3	2	1-2-5-6	5
"	6.3	7	5661266	2	2	1-8-9	9	6EV7	6.3	20	10	3	3	6-7-8	6
6E5	6.3	7	2454111	4	4	2-3-4-5	4	"	6.3	20	10	3	3	1-2-3	1
"	6.3	7	1111111	1	1	2-3-4-5	4	6EW6	6.3	85	82	3	2	1-2-5-6	5
6E6	6.3	40	2351531	3	2	2-3-4-5-6	2-6	"	6.3	70	70	1	3	6-7-8	6
6E7	6.3	27	2431111	3	3	2-3-6-C	2	6EW7	6.3	60	60	2	1	1-2-9	1
6E8	6.3	7	1243541	2	4	3-4-5-6-8	3	"	6.3	35	50	4	2	3-5-8-C	C
"	6.3	15	1243541	2	4	6	6	6EX6	6.3	15	60	4	2	3-4-5-8	C
6EA4	6.3	50	2666151	4	4	5-6-C	C	6EX6	6.3	38	34	3	2	3-4-5-8	3
6EA5	6.3	70	5121436	4	2	1-2-5-6	5	6EZ5	6.3	38	34	2	3	3-4-5-8	3
"	6.3	75	1115412	4	3	4-5-6	5	6EZ8	6.3	38	34	2	3	1-2-3	6
6EA7	6.3	15	1115412	2	1	1-2-3	2	"	6.3	39	39	2	3	6	8
"	6.3	20	5411112	3	2	1-2-3	1	6F5	6.3	25	45	4	3	4-8-C	4
6EA8	6.3	20	4661266	3	2	1-8-9	1	6F6	6.3	67	19	4	3	3-4-5-8	3
"	6.3	75	6531241	3	2	2-3-6-7	6	6F7	6.3	15	50	4	3	*	2
6EB5	6.3	40	1521115	4	4	1-2-5-7	2-7	"	6.3	15	98	4	3	4	4
6EB8	6.3	70	1541266	4	2	1-2-3	3	6F8	6.3	37	30	3	3	4	3-6
"	6.3	75	6661215	2	2	6-7-8-9	9	"	6.3	15	98	4	3	4	4
6EC4	6.3	0	6412166	2	1	2-C	2	6F9	6.3	45	60	2	3	1-2-7-8	7
6ED4	6.3	60	1662166	4	5	1-8-C	C	"	6.3	45	60	2	3	1-2-7-8	7
6EF4	6.3	40	2666156	4	4	5-6-C	C	6F19	6.3	25	70	3	3	1-2-5-7	5
6EH4	6.3	70	2611151	3	4	5-6-C	C	"	6.3	20	30	3	3	1-3-6-9	6
6EH5	6.3	47	1512634	2	2	1-2-6-7	7	6F21	6.3	45	60	4	3	1-2-7-8	7
6EH7	6.3	30	1561214	2	3	1-2-7-8	7	6F22	6.3	30	40	2	2	1-2-7-8	7
"	6.3	20	1541266	3	2	1-2-3	3	6F26	6.3	30	40	2	3	1-2-7-8	7
6EH8	6.3	20	6661215	2	3	6-7-8-9	9	6F29	6.3	53	76	3	2	1-2-7-8	7
"	6.3	20	6661215	2	3	5-6-C	C	6F30	6.3	30	40	3	3	1-2-5-6	5
6EJ4	6.3	70	2611151	3	4	1-2-7-8	7	"	6.3	77	85	1	3	1-2-5-6	5
6EJ7	6.3	53	1561214	3	2	1-2-7-8	7	6F33	6.3	45	84	2	3	1-6-7-8	1
6EL4	6.3	20	1166562	4	5	1-5-C	C	6F35	6.3	45	84	2	3	6-7-8-9	9
6EL7	6.3	53	1561214	3	2	1-2-7-8	7	6FA7	6.3	45	84	2	3	3-6	3
"	6.3	10	3651261	3	2	1-3-7-9	9	"	6.3	0	39	1	3	6-7-9	3
6EM5	6.3	47	1115412	1	4	4-5-6	5	6FC7	6.3	77	85	3	2	6-7-9	3
6EM7	6.3	97	5411112	1	1	1-2-3	2	"	6.3	25	25	2	3	1-2-3	3
6EN4	6.3	95	1266561	3	4	1-5-C	C	6FD6	6.3	35	60	2	3	1-5-6-7	5
6EQ7	6.3	65	6611266	3	5	3-8	8	6FD7	6.3	90	92	1	1	6-7-8	6
"	6.3	61	1511234	2	3	2-3-6-7	7	"	6.3	70	75	1	1	1-2-9	1
6ER5	6.3	35	1521466	2	2	1-2-5	5	6FE5	6.3	25	25	4	3	3-4-6-8	3
"	6.3	20	6321461	2	3	2-5-7	5	6FG5	6.3	7	75	4	4	1-2-5-6	5
6ES5	6.3	7	6661245	2	2	6-7-8	6	6FG6	6.3	7	75	4	4	1-3-6-7-9	9
6ES8	6.3	60	4511266	2	2	1-2-3	1	"	6.3	45	85	2	2	9	9
6ET7	6.3	17	6661215	3	2	6-7-8-9	9	6FG7	6.3	65	85	2	2	1-2-3	2
"	6.3	62	1561266	2	6	1-2	2	"	6.3	10	21	3	3	3-6-7-9	6
"	6.3	60	1651266	2	6	1-3	3	6FH5	6.3	20	20	2	2	2-5-7	5
"	6.3	60	6611111	2	6	1-3	3	6FH6	6.3	20	20	2	2	4-5-8	C

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
6FH8	6.3	70	6541266	2	3	2-3	3	6GE8	6.3	7	80	2	1	2-3-6	6
"	6.3	85	4661253	4	3	1-6-7	1	"	6.3	7	85	4	3	1-7-8-9	9
"	6.3	7	6661253	1	5	6-7-8	8	6GF5	6.3	50	70	3	1	2-3-4-7	7
"	6.3	60	6661253	4	3	6-7-9	9	6GF7	6.3	45	60	1	4	1-8-9	8
6FJ7	6.3	25	2151461	2	2	3-5-7	5	"	6.3	80	50	1	2	2-3-6	6
"	6.3	45	115411	3	2	9-10-11	11	6CH8	6.3	25	62	2	1	2-3-6-7	6
6FM7	6.3	32	2111111	2	4	9-10-11	11	"	6.3	50	84	2	2	1-8-9	1
"	6.3	50	2151461	2	1	3-5-7	5	6GJ5	6.3	55	95	2	1	1-2-3-C	C
6FM8	6.3	26	6661261	1	4	7-8-9	9	"	6.3	46	46	2	3	1-2-6-7	6
"	6.3	0	1661246	1	1	1-6	6	6GJ7	6.3	22	50	2	2	1-8-9	8
"	6.3	0	6411266	1	1	2-3	2	6GJ8	6.3	70	90	3	2	1-8-9	1
6RQ5	6.3	60	1521416	2	2	1-2-5	5	"	6.3	67	96	2	2	2-3-6-7	6
6RQ7	6.3	31	1112145	2	3	6-7-8	6	6GK5	6.3	30	90	3	2	1-2-5	5
"	6.3	31	4512111	2	3	1-2-3	1	6GK6	6.3	25	45	3	2	1-2-7-8	7
6FR7	6.3	40	1112145	3	3	6-7-8	6	6GK7	6.3	20	48	3	3	1-2-7-8	7
"	6.3	20	4562111	3	1	1-2-9	1	"	6.3	0	75	2	1	3-5	5
6FS5	6.3	42	5121436	3	3	1-2-5-6	5	6GK17	6.3	40	80	4	2	4-5-6	5
6FV6	6.3	55	5621431	3	2	1-5-6-7	6	6GL7	6.3	95	85	1	1	1-2-3	2
6FV8	6.3	60	6662143	3	2	6-7-8-9	6	"	6.3	100	90	3	1	1-6-7-9	9
"	6.3	70	5412166	2	2	1-2-3	2	6GM5	6.3	30	70	4	2	1-2-5-6	5
6FW5	6.3	80	5211411	3	1	1-3-5-8	5	6GM6	6.3	20	0	1	3	6-7-8	6
6FW7	6.3	20	6661245	3	3	6-7-8	6	6GM8	6.3	20	0	1	3	1-2-3	1
"	6.3	21	4511266	3	3	1-2-3	1	"	6.3	53	100	3	2	1-2-5-6	5
6FW8	6.3	77	6661245	3	2	6-7-8	6	6GN6	6.3	55	35	1	4	1-2-3	3
"	6.3	85	4511266	3	2	1-2-3	1	6GN8	6.3	85	50	2	2	6-7-8-9	9
6FX7	6.3	37	6661245	3	3	6-7-8	6	"	6.3	0	80	2	1	1-2	2
"	6.3	37	4511266	3	3	1-2-3	1	6GQ7	6.3	0	80	2	1	8-9	8
6FY5	6.3	7	6521461	3	2	2-5-7	5	"	6.3	0	80	2	1	6-7	6
6FY7	6.3	95	2151411	1	1	3-5-7	5	6GS7	6.3	65	80	3	2	3-6-7-9	9
"	6.3	45	2111111	1	4	9-10-11	11	"	6.3	20	80	2	2	1-2-3	2
6G5	6.3	7	2454111	4	3	2-5	2	6GS8	6.3	40	50	2	4	1-2-3-7	3
6G6	6.3	59	1233511	3	2	3-4-5-8	6	"	6.3	40	50	2	4	1-2-3-7-8	8
6G11	6.3	20	1151143	2	4	2-3-4-6-7	6	6GT5	6.3	85	90	2	1	1-2-3-9	9
"	6.3	20	1111111	2	2	8-9-10-11	11	6GU5	6.3	68	80	3	2	1-2-5-6	5
6GA7	6.3	70	2365164	3	1	2-4-5-7	7	6GU7	6.3	55	80	2	2	6-7-8	6
"	6.3	0	21111161	2	1	8-11	11	"	6.3	50	75	2	2	1-2-3	1
6GB3	6.3	50	1213511	2	2	4-5-8-C	C	6GV5	6.3	85	85	2	1	3-4-5-C	C
6GB5	6.3	80	6512136	2	1	2-3-6-C	C	6GV7	6.3	30	30	3	2	1-8-9	1
6GB6	6.3	90	1163562	2	1	4-5-8-C	C	"	6.3	70	75	3	2	2-3-7-8	3
6GB7	6.3	40	1213511	2	2	4-5-8-C	C	6GV8	6.3	15	80	4	2	1-2-3	1
6GB9	6.3	84	1163562	2	1	4-5-8-C	C	"	6.3	15	60	1	3	6-7-8-9	6
6GC5	6.3	40	3651261	2	2	1-3-7-9	9	6GW5	6.3	67	96	3	2	1-2-5	1
6GC6	6.3	20	1113512	2	1	3-4-5-C	C	6GW6	6.3	30	75	4	1	4-5-8-C	C
6GD7	6.3	77	5411266	3	2	1-2-3	2	6GW8	6.3	47	47	3	2	3-6-7-8	6
"	6.3	0	6611243	3	3	3-6-7-9	6	"	6.3	30	90	3	3	1-2-9	9
6GE5	6.3	40	2351664	2	1	2-3-4-7	7	6GX6	6.3	80	90	4	2	1-2-5-6	5

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
6GX7	6.3	70	1562143	3	2	1-2-6-7	6	6HR6	6.3	85	5612431	3	2	1-5-6-7	5
"	6.3	45	1662166	3	2	1-8-9	8	6HS5	6.3	32	666611	2	3	2-3-4-7	7
6GY5	6.3	70	1631566	1	2	3-4-5-C	C	6HS6	6.3	80	5112431	2	2	1-5-6-7	5
6GY6	6.3	60	5121431	2	3	1-2-5-6	5	6HS8	6.3	45	1341215	2	4	1-2-3-7	3
6GY8	6.3	7	5461266	3	3	3-8-9	2	"	6.3	45	1361265	2	4	1-2-7-8	8
"	6.3	7	6651266	3	3	1-2-6-7	7	"	Good tube reads above 60.						
6GZ5	6.3	60	6661241	3	3	6-7	6	6HT6	6.3	77	1561264	3	2	1-2-7-8	7
"	6.3	60	1512634	3	2	1-2-6-7	7	"	6.3	85	641111	2	3	1-3-6-7-9	9
6H4	6.3	7	1216111	4	6	4-8	4	6HU6	6.3	50	5612144	2	3	9	9
6H6	6.3	90	6151662	3	3	3-4	3	6HU8	6.3	50	5612143	2	3	1-2-3-6-7	3
"	6.3	90	6166562	3	3	5-8	5	"	6.3	55	6662151	3	2	6-7-8-9	8
6HA5	6.3	90	5121466	1	2	1-2-5	5	6HV5	6.3	23	2531664	2	3	2-3-4-7	7
6HA6	6.3	67	1512134	2	2	1-2-6-7	7	6HW8	6.3	70	3431251	3	3	*	2-8
6HB5	6.3	75	2351664	2	1	2-3-4-7	7	"	*1-2-3-6-7-8-9						
"	6.3	75	666611	2	1	2-3-4-7	7	6HZ5	6.3	38	666611	2	3	2-3-4-7	7
6HB6	6.3	50	1512134	2	2	1-2-6-7	7	"	6.3	20	5121431	3	3	1-2-5-6	5
6HB7	6.3	75	1562143	3	2	1-2-6-7	6	6HZ6	6.3	20	6662115	2	3	6-7-8-9	9
"	6.3	50	1662166	3	2	1-8-9	8	6HZ8	6.3	65	661111	2	2	1-2-3	3
6HC8	6.3	7	6151243	4	2	2-3-6-7	6	"	6.3	30	1542166	2	3	2-6-7	7
"	6.3	7	5661266	4	3	1-8-9	9	6J4	6.3	7	6112654	2	3	3-5-8	8
6HD5	6.3	65	2151364	2	1	3-4-5-7	7	6J5	6.3	80	6146562	3	2	2-5-7	2
6HD7	6.3	66	1562143	3	2	1-2-6-7	6	6J6	6.3	20	6412561	2	3	1-6-7	1
"	6.3	74	1662166	2	2	1-8-9	8	"	6.3	20	4612651	2	3	3-4-8-C	3
6HE5	6.3	40	2531141	3	2	2-3-4-6	6	6J7	6.3	7	6143112	2	4	*	3
6HE7	6.3	0	2461166	1	1	5-8-9-11	5	6J8	6.3	60	1243541	2	4		3
"	6.3	17	261466	2	1	3-4-5-C	C	"	*3-4-5-6-8-C						
6HF5	6.3	15	2631566	2	1	1-2-3	3	6J9	6.3	60	1243541	2	3	6	6
6HF8	6.3	90	1541266	3	2	6-7-8-9	9	"	6.3	60	4512111	3	2	1-2-3	1
"	6.3	70	6661215	3	2	1-2-5-6	5	6J10	6.3	60	1112146	3	2	6-9-10	6
6HG5	6.3	67	5121436	2	2	1-2-5-6	5	"	6.3	60	1112165	3	2	7-8-10	8
"	6.3	67	111111	2	2	1-2-5-6	5	6J11	6.3	55	2311111	3	2	2-3-9-11	9
6HG8	6.3	30	1561266	2	3	1-2-8-9	8	"	6.3	40	2114135	4	4	4-6-7-8	4
"	6.3	93	1661254	1	2	1-6-7	7	6J11	6.3	65	2346511	3	2	2-3-5-6	3
6HJ5	6.3	70	2156364	2	1	2-3-5-7	7	"	6.3	75	2111113	3	2	7-8-9-11	9
6HJ7	6.3	24	1662116	2	2	1-8-9	8	6JA5	6.3	90	2531646	1	2	2-3-4-6	6
"	6.3	40	1562143	2	3	1-2-6-7	6	6JA8	6.3	69	6661215	3	2	6-7-8-9	9
6HJ8	6.3	0	6661261	1	2	7-8	8	"	6.3	89	1541266	1	3	1-2-3	3
"	6.3	70	1531246	3	2	1-2-3-6	6	6JB5	6.3	40	2531141	3	2	2-3-4-6	6
6HK5	6.3	25	5121466	2	2	1-2-5	5	6JB6	6.3	95	3512166	2	1	1-2-3-C	C
"	6.3	25	111111	2	2	6-7-8	6	6JB8	6.3	25	4532141	3	3	1-2-3-C	C
6HK8	6.3	50	1112145	2	2	1-2-2	2	"	*1-2-6-7-8-9						
"	6.3	50	4512111	2	2	1-3-7-9	7	6JC5	6.3	66	166611	2	2	2-3-4-6	6
6HL5	6.3	30	5612164	3	2	1-8-9	9	6JC6	6.3	85	1562114	3	2	1-2-7-8	7
6HL8	6.3	55	4661266	2	2	2-3-6-7	7	6JC8	6.3	68	1531246	3	3	1-2-3-6	6
6HM5	6.3	65	6531241	3	3	1-2-5	5	"	6.3	26	6661261	2	2	7-8-9	9
6HM6	6.3	90	5121466	1	2	1-2-7-8	7	6JD5	6.3	38	2531664	2	3	2-3-4-7	7
6HM8	6.3	45	1562114	2	3	1-2-5	5	6JD6	6.3	38	1562114	3	2	1-2-7-8	7
6HQ5	6.3	50	5121466	2	3	1-2-5-6	6	6JE6	6.3	70	1562114	3	2	2-3-7-C	C
6HQ6	6.3	77	5112431	3	2	1-2-5-6	6	"	6.3	90	6512163	2	1	2-3-7-C	C
6HR5	6.3	20	5112436	2	3	1-2-5-6	6	"	6.3	50	661114	2	2	2-3-7-C	C

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6JE8	6.3	20	20	1541266	3	3	1-2-3	3	6K11	6.3	25	25	2111111	2	3	4-9-10	10
"	6.3	60	60	6661215	3	3	6-7-8-9	9	"	6.3	25	25	1111415	2	4	5-6-7	5
6JF6	6.3	70	80	3512166	2	1	1-2-3-C	C	"	6.3	25	25	2411111	2	4	2-5-10-11	2
6JG5	6.3	85	50	6662115	2	2	6-7-8-9	9	6KA8	6.3	20	30	4512161	3	3	1-2-3	1
6JG6	6.3	40	40	3512166	3	1	1-2-3-9	9	"	6.3	20	30	6612151	3	3	3-6-8-9	9
6JH5	6.3	77	78	2531664	2	2	2-3-4-7	7	6KD6	6.3	45	40	2131516	2	1	2-3-5-C	C
6JH6	6.3	30	87	5121431	3	2	1-2-5-6	5	6KD8	6.3	80	100	6531241	2	2	2-3-6-7	6
6JH8	6.3	20	60	1132151	3	3	3-6-9	9	"	6.3	25	82	4661266	2	2	1-8-9	1
6JK5	6.3	20	55	1132151	3	3	3-6-8	8	6KE8	6.3	75	75	4112111	2	2	1-8-9	1
6JK6	6.3	75	75	2531664	2	2	2-3-4-7	7	"	6.3	70	80	1532141	3	2	2-3-6-7	6
6JK8	6.3	20	23	5121431	2	3	1-2-5-6	5	6KF8	6.3	13	98	1361265	3	3	1-2-7-8	8
"	6.3	15	46	6661245	2	3	6-7-8	6	"	6.3	26	98	1341215	3	3	1-2-3-7	3
6JL6	6.3	15	45	4511266	3	2	1-2-3	1	6KG6A	6.3	70	80	5632166	2	1	1-3-9-C	C
6JL8	6.3	75	70	5121431	3	2	1-2-5-6	5	6KL8	6.3	65	64	1612134	2	6	3-8	8
"	6.3	53	0	1541266	3	3	1-2-3	3	"	6.3	60	60	1512134	2	2	2-3-6-7	7
6JM6	6.3	95	40	6661215	3	2	6-7-8-9	9	6KM6	6.3	60	50	6512163	3	1	2-3-7-C	C
6JN6	6.3	83	85	2131566	2	1	2-5-7-C	C	6KM8	6.3	60	60	1162115	3	3	7-8-9	9
6JN8	6.3	72	59	2131664	3	1	2-3-4-7	7	"	6.3	60	60	1462115	3	3	2-5-8	2
"	6.3	75	80	6662143	3	1	6-7-8-9	9	"	6.3	40	35	1142116	1	3	1-6-7-8	1
6JQ6	6.3	13	54	4632165	2	2	1-2-3	2	6KN6	6.3	45	45	2131516	2	1	3-6	3
6JR6	6.3	50	52	3512166	2	2	1-3-7-9	9	6KN8	6.3	35	35	4511266	2	2	2-3-5-C	C
6JS6	6.3	65	65	2131516	2	1	2-3-5-C	C	"	6.3	35	35	6661245	2	2	1-2-3	1
6JT6	6.3	70	70	5312116	2	2	2-3-9	9	6KR8	6.3	70	75	1542166	2	2	1-2-3	1
6JT8	6.3	40	40	1541266	3	3	1-2-3	3	"	6.3	25	40	6662115	3	2	6-7-8-9	9
"	6.3	20	30	6661215	3	2	6-7-8-9	9	6KS6	6.3	45	90	1521314	2	4	1-2-5-7	7
6JU6	6.3	60	80	6512163	2	1	2-3-7-C	C	6KS8	6.3	89	84	1541266	1	3	1-2-3	3
6JU8	6.3	90	72	5112115	3	2	1-2-7-8	1-7	"	6.3	85	70	6661215	3	2	6-7-8-9	9
6JV8	Good tube reads above 30	65	65	6662115	3	2	6-7-8-9	9	6KT6	6.3	60	75	1562114	3	2	1-2-7-8	7
6JW8	6.3	80	80	4112111	3	2	1-2-3	3	6KT8	6.3	30	30	1112115	2	3	6-7-8-9	9
6JX8	6.3	85	80	1511111	3	2	1-8-9	1	"	6.3	40	40	1542111	2	3	1-2-3	3
"	6.3	85	80	1532141	3	2	2-3-6-7	6	6KU8	6.3	40	40	1551266	1	5	1-2-3	2-3
6JY8	6.3	64	59	1512143	1	4	2-3-6-7	6	"	6.3	80	75	6661215	3	2	6-7-8-9	9
"	6.3	40	30	6612166	2	3	3-8-9	8	6KV6	6.3	70	70	3512166	2	1	1-2-3	1
6JZ6	6.3	50	60	1541266	3	2	6-7-8-9	9	6KV8	6.3	75	85	1541266	3	2	1-2-3	3
6JZ8	6.3	52	79	2136566	2	1	2-3-5-C	C	"	6.3	20	75	6661215	2	2	6-7-8-9	9
"	6.3	40	35	2114156	2	2	4-6-8-9	4	6KX8	6.3	55	70	1112114	3	3	7-8-9	7
6K5	6.3	70	70	2411111	3	2	2-10-11	2	"	6.3	77	40	1562164	3	2	1-2-3	3
6K6	6.3	7	80	1231111	4	4	3-8-C	3	6KY6	6.3	85	90	1112111	3	2	1-8-9	8
"	6.3	50	75	6143562	3	2	3-4-5-8	3	6KY8	6.3	45	75	1512145	3	3	2-3-6-7	6
6K7	6.3	28	35	6143112	3	3	3-4-8-C	3	"	6.3	45	50	4112111	1	2	1-8-9	1
6K8	6.3	7	81	1166542	2	3	5-6-8	6	6L5	6.3	45	25	1231511	3	3	2-3-6-7	6
"	6.3	7	81	1143562	4	3	3-4-5-8	3	6L6	6.3	55	95	6143562	4	1	3-5-8	3
									6L7	6.3	7	75	1143112	4	3	3-4-8-C	3
									6LB6	6.3	50	50	2131516	2	1	2-3-5-C	C

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
6LB8	6.3	30	1542166	4	2	1-2-3	3	6MB6	6.3	37	166614	1	2	2-3-5-C	C	6MB6	6.3	37	166614	1	2	2-3-5-C	C
"	6.3	40	6662115	2	3	6-7-8-9	9	6MB8	6.3	25	341111	2	3	1-2-3	2	"	6.3	25	341111	2	3	1-2-3	2
6LC6	6.3	55	3266511	4	3	1-5-6-C	C	"	6.3	40	151114	3	3	6-7-8-9	9	"	6.3	40	151114	3	3	6-7-8-9	9
6LC8	6.3	30	1112151	3	3	6-7-8-9	9	6MC6	6.3	95	341111	1	1	1-2-3	C	6MD8	6.3	95	341111	1	1	1-2-3	C
"	6.3	80	4512111	3	2	1-2-3	1	"	6.3	40	661114	3	2	1-2-6-7	7	"	6.3	40	661114	3	2	1-2-6-7	7
6LD6	6.3	35	1562134	2	2	1-2-6-7	7	"	6.3	40	661111	2	2	1-2-6-7	7	"	6.3	40	661111	2	2	1-2-6-7	7
"	Good	reads	above 50.	2	3	3-6-8-9	6	6ME5	6.3	15	661111	3	3	3-6-8-9	6	"	6.3	15	661111	3	3	3-6-8-9	6
6LE8	6.3	80	6612146	2	3	1-3-8-9	1	"	6.3	20	351111	2	3	1-3-8-9	1	"	6.3	20	351111	2	3	1-3-8-9	1
"	6.3	44	4612166	2	3	1-3-8-9	1	"	6.3	20	351111	2	3	1-3-8-9	1	"	6.3	20	351111	2	3	1-3-8-9	1
6LF6	6.3	25	2131516	1	2	2-3-5-C	C	6ME6	6.3	40	166614	1	2	2-3-5-C	C	6ME6	6.3	40	166614	1	2	2-3-5-C	C
6LF8	6.3	50	6661215	3	2	6-7-8-9	9	6ME8	6.3	42	341111	3	2	6-7-8-9	9	6ME8	6.3	42	341111	3	2	6-7-8-9	9
"	6.3	30	1541266	3	3	1-2-3	3	"	6.3	67	661111	3	3	1-2-3	3	"	6.3	67	661111	3	3	1-2-3	3
6LG6	6.3	7	2161561	2	1	4-5-11-C	C	6MF8	6.3	60	166314	2	1	4-5-11-C	C	6MF8	6.3	60	166314	2	1	4-5-11-C	C
6LH6	6.3	55	3266511	4	3	1-5-6-C	C	"	6.3	65	111114	4	3	1-5-6-C	C	"	6.3	65	111114	4	3	1-5-6-C	C
6LJ6	6.3	50	6266511	4	4	6-C	C	6MH1	6.3	92	611114	4	4	6-C	C	6MH1	6.3	92	611114	4	4	6-C	C
"	6.3	50	6266511	4	4	6-C	C	"	6.3	7	611114	4	4	6-C	C	"	6.3	7	611114	4	4	6-C	C
6LJ8	6.3	50	6611243	3	2	3-6-7-9	6	6MH6	6.3	25	651111	3	2	3-6-7-9	6	6MH6	6.3	25	651111	3	2	3-6-7-9	6
"	6.3	40	5411266	2	2	1-2-3	2	6MH3	6.3	45	661111	2	2	1-2-3	2	6MH3	6.3	45	661111	2	2	1-2-3	2
6LM8	6.3	50	6531241	3	2	2-3-6-7	6	"	6.3	45	661111	3	2	2-3-6-7	6	"	6.3	45	661111	3	2	2-3-6-7	6
"	6.3	40	4661266	3	2	1-8-9	1	6MJ8	6.3	40	151111	3	2	1-8-9	1	6MJ8	6.3	40	151111	3	2	1-8-9	1
6LN8	6.3	50	6531241	4	2	2-3-6-7	6	"	6.3	35	661111	4	2	2-3-6-7	6	"	6.3	35	661111	4	2	2-3-6-7	6
"	6.3	70	4661266	2	2	1-8-9	1	"	6.3	40	151111	2	2	1-8-9	1	"	6.3	40	151111	2	2	1-8-9	1
6LQ6	6.3	60	3512166	1	2	1-2-3-C	C	"	6.3	40	661114	1	2	1-2-3-C	C	"	6.3	40	661114	1	2	1-2-3-C	C
6LQ8	6.3	35	6662115	3	2	6-7-8-9	9	"	6.3	35	341111	3	2	6-7-8-9	9	"	6.3	35	341111	3	2	6-7-8-9	9
"	6.3	50	1542166	3	2	1-2-3	3	6MK8	6.3	70	661111	3	2	1-2-3	3	6MK8	6.3	70	661111	3	2	1-2-3	3
"	6.3	50	1542166	3	2	1-2-3	3	6ML4	6.3	77	661111	3	2	1-2-3	3	6ML4	6.3	77	661111	3	2	1-2-3	3
6LR6	6.3	30	2131516	1	2	2-3-5-C	C	"	6.3	75	166614	1	2	2-3-5-C	C	"	6.3	75	166614	1	2	2-3-5-C	C
6LR8	6.3	25	1112111	1	4	1-8-9	8	6ML8	6.3	80	451111	1	4	1-8-9	8	6ML8	6.3	80	451111	1	4	1-8-9	8
"	6.3	30	6512143	1	2	2-3-6-7	6	"	6.3	75	111111	1	2	2-3-6-7	6	"	6.3	75	111111	1	2	2-3-6-7	6
6LT8	6.3	70	1342111	3	2	1-2-3-9	3	6MN8	6.3	56	151111	3	2	1-2-3-9	3	6MN8	6.3	56	151111	3	2	1-2-3-9	3
"	6.3	97	6342161	2	6	6-7-8	6-8	"	6.3	57	661111	2	6	6-7-8	6-8	"	6.3	57	661111	2	6	6-7-8	6-8
6LJ6	6.3	84	5121431	2	2	1-2-5-6	5	"	6.3	56	111111	2	2	1-2-5-6	5	"	6.3	56	111111	2	2	1-2-5-6	5
6LJ8	6.3	70	2411111	2	2	2-10-11	2	6MP17	6.3	49	661111	2	2	2-10-11	2	6MP17	6.3	49	661111	2	2	2-10-11	2
"	6.3	90	2114156	2	1	4-6-8-9	4	6MP20	6.3	75	311111	2	1	4-6-8-9	4	6MP20	6.3	75	311111	2	1	4-6-8-9	4
"	6.3	90	2114156	2	1	4-6-8-9	4	6MQ8	6.3	49	661111	2	1	4-6-8-9	4	6MQ8	6.3	49	661111	2	1	4-6-8-9	4
6LV6	6.3	35	2131516	1	2	2-3-5-C	C	"	6.3	56	166614	1	2	2-3-5-C	C	"	6.3	56	166614	1	2	2-3-5-C	C
6LW6	6.3	60	6136562	1	2	2-3-5-C	C	6MU8	6.3	71	666666	1	2	2-3-5-C	C	6MU8	6.3	71	666666	1	2	2-3-5-C	C
6LX6	6.3	50	2136516	1	2	2-3-5-C	C	6MV8	6.3	85	151111	1	2	2-3-5-C	C	6MV8	6.3	85	151111	1	2	2-3-5-C	C
6LX8	6.3	75	1532141	1	3	2-3-6-7	6	"	6.3	72	661111	1	3	2-3-6-7	6	"	6.3	72	661111	1	3	2-3-6-7	6
"	6.3	65	4112111	3	2	1-8-9	1	6MX8	6.3	60	1512145	3	2	1-8-9	1	6MX8	6.3	60	1512145	3	2	1-8-9	1
6LY8	6.3	67	6661215	2	2	6-7-8-9	9	6MY8	6.3	73	451111	2	2	6-7-8-9	9	6MY8	6.3	73	451111	2	2	6-7-8-9	9
"	6.3	67	6661215	2	2	6-7-8-9	9	"	6.3	90	611111	2	2	6-7-8-9	9	"	6.3	90	611111	2	2	6-7-8-9	9
6LZ6	6.3	65	3512166	1	2	1-2-3-C	C	6N3	6.3	0	311111	1	2	1-2-3-C	C	6N3	6.3	0	311111	1	2	1-2-3-C	C
6M3	6.3	0	6241616	2	1	3-C	C	6N4	6.3	7	641111	2	1	3-C	C	6N4	6.3	7	641111	2	1	3-C	C
6M5	6.3	25	3512164	4	2	1-2-3-7	7	"	6.3	65	111111	4	2	1-2-3-7	7	"	6.3	65	111111	4	2	1-2-3-7	7
6M1	6.3	70	2111114	3	2	7-8-9	9	"	6.3	73	611111	3	2	7-8-9	9	"	6.3	73	611111	3	2	7-8-9	9
"	6.3	70	2111154	3	2	4-5-6	6	"	6.3	90	611111	3	2	4-5-6	6	"	6.3	90	611111	3	2	4-5-6	6
"	6.3	70	2531111	3	2	2-3-10-11	11	"	6.3	30	641111	3	2	2-3-10-11	11	"	6.3	30	641111	3	2	2-3-10-11	11
6MA6	6.3	75	6626651	3	4	6-7-C	C	"	6.3	25	111111	3	4	6-7-C	C	"	6.3	25	111111	3	4	6-7-C	C
"	Good	reads	above 50.	3	4	6-7-C	C	"	6.3	7	111111	3	4	6-7-C	C	"	6.3	7	111111	3	4	6-7-C	C

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6U10	6.3	65	60	2111111	3	2	4-9-10	10	7AD7	6.3	20	50	2411351	4	2	2-3-6-7	2
"	6.3	60	55	1111111	3	3	5-6-7	5	7AF7	7.5	34	14	1666541	3	3	5-6-7	6
"	6.3	65	60	2411111	3	3	2-3-11	2	"	7.5	34	14	2111111	3	3	2-3-4	3
6V3	6.3	0	64	1412116	2	1	2-C	2	7AG7	7.5	7	50	1145666	4	3	2-3-6-7	2
6V4	6.3	0	85	6612164	2	1	3-7	7	7AH7	6.3	7	54	1431151	4	3	2-3-6-7	2
"	6.3	0	85	4612166	2	1	1-3	1	7AJ7	6.3	14	18	2441651	4	3	2-3-6-7	2
6V5	6.3	36	90	1133512	4	1	3-4-5	3	"	7.5	7	65	2431651	2	4	2-3-6-7	2
6V6	6.3	40	40	6143562	4	2	3-4-5-8	3	7AK7	7.5	75	70	1431151	4	2	2-3-6-7	2
6V7	6.3	22	28	1246611	2	3	3-4-5-8-C	3	7AN7	*1-2-3-6-7-9	75	70	1542151	2	2	*	3-9
"	6.3	7	70	1246611	4	6	4-5	4-5	"	7.5	20	80	1112145	3	2	6-7-8	6
6V8	6.3	7	70	4611256	2	4	1-3-6	1	7AU7	7.5	20	80	4512111	2	2	1-2-3	1
"	6.3	74	0	6511266	4	6	2-3-9	2-9	7B4	7.5	7	90	1411151	3	4	2-6-7	2
6V9	6.3	7	75	6661265	4	6	7-8	7	7B5	7.5	7	54	1431151	4	2	2-3-6-7	2
"	6.3	55	55	1111211	1	4	8-9-C	C	"	7.5	7	54	1431151	2	4	2-3-6-7	2
"	6.3	65	65	1153214	1	3	1-3-4-7	7	7B6	7.5	7	22	1456661	2	5	2-3-7	2
6W4	6.3	0	40	6611411	1	3	3-5	5	"	7.5	7	25	1666551	2	6	5-6-7	5-6
6W5	6.3	0	50	1241411	2	2	3-5-8	5	7B7	7.5	35	23	1431151	3	3	2-3-6-7	2
"	6.3	0	40	1241411	2	2	3	3	7B8	7.5	48	9	1435111	2	4	2-3-4-7	2
6W6	6.3	15	90	6143562	4	1	3-4-5-8	3	7C4	6.3	0	75	2113111	1	3	4-7	4
6W7	6.3	7	50	1241311	2	4	3-4-8-C	3	7C5	7.5	30	50	1436651	4	2	2-3-6-7	2
6X4	6.3	0	83	6112141	2	1	6-7	6	7C6	7.5	7	22	1666551	4	6	5-6-7	5-6
"	6.3	0	83	4112161	2	1	1-7	1	"	7.5	15	78	1456661	3	4	2-3-7	2
6X5	6.3	0	50	6141612	4	1	3-8	3	7C7	7.5	13	25	2431651	2	4	2-3-6-7	2
"	6.3	0	50	6161412	4	1	5-8	5	7DJ8	7.5	50	50	6661245	2	2	6-7-8	6
6X8	6.3	20	90	1542116	2	2	2-3	3	7E5	7.5	50	50	4511266	2	2	1-2-3	1
"	6.3	20	30	1662115	3	3	6-7-8-9	9	7E6	6.3	16	60	5241666	2	3	1-3-4	3
6X9	6.3	45	45	6151214	1	4	2-3-7-8	7	"	6.3	7	25	2456661	4	6	2-3-4-6-7	5-6
"	6.3	65	65	1611216	1	4	1-9-C	9	7E7	6.3	37	40	2466351	3	3	*	1-2
6Y5	6.3	0	83	2151311	4	1	3-4-5	5	"	*2-3-4-5-6-7	7	30	2466351	3	3		
"	6.3	0	83	2131111	4	1	3	3	"	6.3	7	30	6661245	4	6	3-4	3-4
6Y6	6.3	7	90	6143562	4	1	3-4-5-8	3	7E8	7.5	7	60	6661245	2	2	6-7-8	6
6Y9	6.3	60	60	1111211	4	1	7-8-9-C	C	"	7.5	7	60	4511266	2	2	1-2-3	1
"	6.3	85	80	5134211	1	3	1-2-3-4	4	7EY6	7.5	15	60	6143562	4	2	3-4-5-8	3
6Y10	6.3	65	80	2111111	3	2	8-9-10-11	11	7F7	6.3	60	40	1666541	3	3	5-6-7	6
"	6.3	25	50	2151134	3	3	2-3-6-7	7	7F8	6.3	60	40	1145666	3	3	2-3-4	3
6Z4	6.3	0	83	1461211	4	1	2-4	2	"	7.5	7	50	6166142	4	3	5-6-8	6
"	6.3	0	83	1641211	4	1	3-4	3	7FC7	7.5	77	85	6661251	3	2	1-3-4	3
6Z5	12.6	0	81	6251311	4	1	3-4-5	5	"	7.5	77	85	1541266	3	2	6-7-9	9
"	12.6	0	81	6231111	4	1	3	3	7G7	6.3	7	45	2431651	4	3	1-2-3	3
6Z10	6.3	50	85	2114135	2	4	4-6-7-8	3	7G8	6.3	7	75	2435514	4	3	2-3-6-7	2
7A4	6.3	55	55	2311111	3	2	2-3-9-11	9	"	*2-3-4-5-6-7	75	75	6611243	3	2	3-6-7-9	6
7A5	7.5	35	17	1411151	2	3	2-6-7	2	7G9	6.3	7	45	5411266	4	3	1-2-3	2
7A6	7.5	66	93	1436651	3	1	2-3-6-7	2	7H7	7.5	65	80	6342165	3	2	2-3-6-7	2-7
"	7.5	0	60	1661141	1	2	6-7	6	"	7.5	20	80	4612166	3	2	3-6-7-9	6
7A7	7.5	0	60	1141166	1	2	2-3	3	7GV7	6.3	70	75	1611111	2	2	1-2-3	2
7A8	7.5	25	15	1431151	2	4	2-3-6-7	2	"	6.3	30	30	1511111	3	2	2-3-7-8	3
7A9	7.5	7	55	2445311	4	3	2-3-4-7	2	"	6.3	30	30	4612166	3	2	1-8-9	1
7AB7	6.3	14	84	3241561	4	3	1-3-4-5-8	3	"	7.5	30	14	1431151	3	3	2-3-6-7	2

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
7HG8	7.5	93	90	1661254	1	2	1-6-7	7	8B8	7.5	55	55	1152143	2	2	2-3-6-7	6
"	7.5	30	40	1561266	2	3	1-2-8-9	8	"	7.5	30	70	5112111	3	3	1-8-9	9
7J7	7.5	30	0	1145111	2	4	3-4-7	3	8B10	7.5	50	60	2154111	3	2	2-3-4	4
"	7.5	30	0	2435351	2	4	2-5-6-7	3	"	7.5	50	60	2111541	3	2	5-6-7	6
7K7	7.5	60	60	2666551	3	5	5-6-7	5-6	"	7.5	0	20	2111111	1	2	8-9-10	8-10
"	7.5	20	90	2145666	3	3	2-3-4	3	8BA8	7.5	75	75	6661215	2	2	8-9-10	9
7KY6	7.5	70	25	1562164	2	2	1-2-7-8	7	"	7.5	70	70	1541266	2	2	1-2-3	3
7KZ6	7.5	70	25	1562164	2	2	1-2-7-8	7	8BA11	7.5	57	57	2666666	3	2	1-2-3	3
7L7	7.5	7	82	2431651	4	3	2-3-6-7	2	"	7.5	65	55	2435666	3	4	2-3-4-8	2
7MP18	7.5	30	35	5121436	3	2	1-2-5-6	5	8BH8	7.5	42	42	2635646	3	4	3-4-6-8	6
7N7	6.3	30	30	1145666	2	2	2-3-4	3	"	7.5	30	30	6661215	2	3	6-7-8-9	9
"	6.3	30	30	1666541	2	3	5-6-7	6	"	7.5	40	40	1541266	3	2	1-2-3	3
7Q7	7.5	7	80	1435111	4	3	2-3-4-7	2	8BM11	9.0	50	72	2111114	2	3	7-9-10	7
7R7	7.5	17	62	1466351	3	3	2-5-6-7	2	"	9.0	50	85	2431151	2	3	2-3-5-6	7
"	7.5	7	25	1655661	4	6	3-4-7	3-4	8BN8	7.5	20	60	6661264	2	3	7-8-9	7
7S7	7.5	60	30	1145111	2	4	3-4-7	3	"	7.5	15	5	6611266	4	6	3-6	6
"	7.5	60	70	1411351	2	3	2-5-6-7	2	8BN11	7.5	80	85	2153411	3	2	1-2	1
7T7	6.3	50	0	2431651	3	3	2-3-6-7	2	"	7.5	80	85	2111115	3	2	2-3-4-5	5
7V7	7.5	30	10	1431151	3	3	2-3-6-7	2	8BQ5	7.5	60	95	6512164	4	1	7-8-9-11	11
7W7	7.5	14	4	1431156	3	3	2-3-4-6	2	8BQ7	9.0	7	43	3512135	4	3	2-3-7-8	8
7X6	6.3	0	74	2351631	4	1	2-3-6-7	6	8BQ11	9.0	75	75	2111111	3	2	8-9-10-11	1-6
"	6.3	0	74	2121611	4	1	3	3	"	9.0	80	83	2431511	3	2	2-3-5-6	2
7X7	7.5	7	50	1451666	4	4	2-3-4	2	8BU11	7.5	80	90	2111111	3	2	8-9-10-11	10
"	7.5	7	0	1661566	4	6	4-5	5	"	7.5	55	55	2111154	3	2	5-6-7	7
7Y4	7.5	7	0	1666651	4	6	6-7	6	"	7.5	55	55	2145111	3	2	2-3-4	3
"	7.5	0	84	1161141	4	1	6-7	6	8CB11	9.0	70	85	2436511	3	2	2-3-6	2
7Z4	7.5	0	84	1141161	4	1	3-7	3	"	9.0	70	85	2111116	3	2	8-9-10-11	8
"	7.5	0	94	1141161	4	1	3-7	3	8CG7	7.5	30	30	4511266	2	3	1-2-3	1
8A8	7.5	7	95	1161141	4	1	6-7	6	"	7.5	30	30	6661245	2	3	6-7-8	6
"	7.5	7	95	4112111	4	2	1-8-9	1	8CM7	7.5	15	5	4661266	2	3	1-8-9	1
8AC9	7.5	67	25	1532141	2	3	2-3-6-7	1	"	7.5	30	30	6611245	2	3	3-6-7	6
"	7.5	60	80	2111111	3	2	8-9-10-11	11	8CN7	7.5	44	80	6661215	1	4	6-7-8	8
"	7.5	70	95	2651116	3	3	3-4	3	"	7.5	50	50	5511266	1	6	1-2-3	1-2
8AC10	7.5	70	95	2511116	3	3	2-3	2	8CS7	7.5	90	20	4651266	2	2	1-3-9	1
"	7.5	70	75	2411111	3	2	2-3-11	2	"	7.5	90	75	6661245	2	2	6-7-8	6
"	7.5	70	75	2111415	3	2	5-6-7	5	8CS8	7.5	25	80	4651266	2	2	1-3-9	1
8AL9	7.5	70	75	2111111	3	2	4-9-10	10	"	7.5	75	90	6661245	2	2	6-7-8	6
8AR11	7.5	9	75	2111514	2	3	5-6-7	7	8CW5	7.5	10	70	6511264	2	2	2-3-7-9	7
"	7.5	72	40	2411666	2	2	2-9-10-11	2	8CX8	7.5	75	75	6661215	2	2	6-7-8-9	9
8AU8	9.0	70	85	2111116	3	3	8-9-10-11	8	"	7.5	85	85	1541266	2	2	1-2-3	3
"	9.0	70	85	2436511	3	2	2-3-6	3	8CY7	7.5	20	40	6661245	2	4	6-7-8	6
8AV11	7.5	80	80	6661215	2	2	6-7-8-9	9	"	7.5	35	40	4651266	2	1	1-3-9	1
"	7.5	80	80	1541266	2	2	1-2-3	3	8D8	7.5	26	30	3612146	4	3	1-3-6-9	6
8AW8	7.5	50	95	2111111	2	2	5-6-7	5	8DX8	7.5	28	55	5412111	2	3	1-2-3	2
"	7.5	50	95	2411111	2	2	2-3-11	2	"	7.5	30	20	1112141	2	3	6-7-8-9	6
"	7.5	50	95	2411111	2	2	2-3-11	2	8EB8	7.5	45	45	6661215	2	3	6-7-8-9	9
"	7.5	50	50	6662115	3	2	6-7-8-9	9	"	7.5	45	45	1541266	2	3	1-2-3	3
"	7.5	72	72	1542166	3	2	1-2-3	3	"	7.5	28	80	6611111	3	3	1-2-3	3

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
8EM5	9.0	25	25	3152161	3	2	1-3-7-9	9	8MD8	7.5	40	40	651111	3	2	1-7-9	1
8ET7	7.5	60	50	1651266	2	6	1-3	3	"	7.5	40	40	4662161	3	2	2-7-8	2
"	7.5	62	50	1561266	2	6	1-2	2	"	7.5	40	40	6642151	3	2	3-6-7	3
"	7.5	17	72	6661215	3	2	1-2-3	9	8WU8	9.0	71	71	1531241	2	2	2-3-6-7	6
8FQ7	7.5	31	31	4512111	2	3	1-2-3	1	"	9.0	71	71	4111211	2	2	1-8-9	1
"	7.5	31	31	1112145	2	3	6-7-8	6	8SN7	7.5	7	6	5415412	3	3	1-3-4-6	2-5
8GJ7	7.5	46	46	1561243	3	3	1-2-6-7	6	8U9	7.5	35	40	6151214	1	4	2-3-7-8	7
"	7.5	22	22	1661266	2	2	1-8-9	8	"	7.5	50	50	1611216	1	3	1-9-C	9
8GN8	7.5	85	50	6661215	2	2	1-7-8-9	9	8X9	7.5	65	65	6151214	1	4	2-3-7-8	7
"	7.5	55	35	1541266	1	4	1-2-3	3	"	7.5	65	65	1611216	1	4	1-9-C	9
8GU7	7.5	50	80	1112145	2	2	6-7-8	6	9A8	9.0	30	85	4112111	2	2	1-8-9	1
"	7.5	50	75	4512111	2	2	1-2-3	1	"	9.0	30	70	1532141	2	3	2-3-6-7	6
8GV8	7.5	15	80	4511266	4	2	1-2-3	1	9AH9	9.0	40	50	2541111	3	2	2-3-4	3
"	7.5	15	60	6661243	1	3	6-7-8-9	8	"	9.0	40	50	2111561	2	2	5-7-8-11	11
8GX7	7.5	45	40	1662166	3	2	1-8-9	8	9AK8	9.0	17	82	6612161	2	3	1-2-3-7-8	9
"	7.5	70	75	1562143	3	2	1-2-6-7	6	"	9.0	0	98	4612161	1	1	1-2	1-2
8HG8	7.5	30	40	1561266	2	3	1-2-8-9	7	9AK10	9.0	70	70	2111415	2	2	5-6-7	5
"	7.5	93	90	1661254	1	2	1-6-7	8	"	9.0	70	70	2411111	2	2	2-5-11	2
8JE8	7.5	60	60	6661215	3	2	1-7-8-9	9	9AM10	9.0	70	70	2111111	2	2	4-9-10	10
"	7.5	20	20	1541266	3	3	1-2-3	3	"	9.0	75	80	2111415	2	2	5-6-7	5
8JK8	7.5	15	46	6661245	2	3	6-7-8	6	"	9.0	75	80	2411111	2	2	2-3-11	2
"	7.5	15	45	4511266	3	2	1-2-3	1	"	9.0	75	80	2111111	2	2	4-9-10	10
8JL8	7.5	53	100	1541266	3	2	1-2-3	3	9AQ8	9.0	80	80	6662145	2	2	6-7-8	6
"	7.5	95	40	6661215	3	2	6-7-8-9	9	"	9.0	80	80	4512166	2	2	1-2-3	1
8JT8	7.5	42	61	1541266	2	4	1-2-3	3	9AU7	9.0	20	80	1112145	3	2	6-7-8	6
"	7.5	77	85	6661215	3	2	6-7-8-9	9	"	9.0	20	80	4512111	2	2	1-2-3	1
8JU8	7.5	90	72	5112115	3	2	1-2-7-8	1-7	9BJ11	9.0	54	25	2431146	2	3	2-3-5	2
"	Good tube reads above 30.								"	9.0	30	88	2666664	2	3	7-9-10	7
8JV8	7.5	65	65	6661215	3	2	6-7-8-9	9	9BR7	9.0	75	75	4511266	3	2	1-2-3	1
"	7.5	60	80	1541266	3	2	1-2-3	3	"	9.0	90	90	6611111	3	2	6-7-8	6-7
8K11	7.5	25	25	2111111	2	3	4-9-10	10	9BR8	9.0	22	70	5411266	4	2	1-2-3	2
"	7.5	25	25	2111415	2	4	5-6-7	5	"	9.0	25	98	6661243	4	2	6-7-8-9	6
8KA8	7.5	22	22	2411111	2	4	2-3-11	2	9CG8A	9.0	10	30	5411266	2	3	1-2-3	2
"	7.5	16	92	6611251	2	3	3-6-8-9	9	"	9.0	60	5	6611243	3	3	3-6-7-9	6*
8KR8	7.5	16	92	4511266	2	3	1-2-3	1	9CL8	9.0	70	90	1112143	3	2	6-7-8-9	6
"	7.5	70	75	1542166	2	2	1-2-3	3	"	9.0	30	35	5412111	3	2	1-2-3	2
8KS8	7.5	25	40	6662115	3	2	1-2-3	3	9DZ8	9.0	7	60	6151243	2	2	2-3-6-7	6
"	7.5	89	84	1541266	1	3	1-2-3	9	"	9.0	12	70	5661266	2	4	1-8-9	9
8LC8	9.0	30	30	1112151	3	2	6-7-8-9	9	9EA8	9.0	75	84	6531241	3	2	2-3-6-7	6
"	9.0	80	70	4512111	3	2	1-7-8-9	9	"	9.0	20	70	4661266	3	2	1-8-9	6
8LE8	7.5	75	40	6612166	3	2	1-2-3	1	9ED4A	9.0	60	15	1662166	4	5	1-8-C	1 C
"	7.5	80	40	6612146	2	3	3-6-8-9	6	"	9.0	42	40	6531241	2	3	2-3-6-7	6
8LS6	7.5	73	79	1512114	2	2	1-2-3-7-8	7	9GH8	9.0	17	17	4661266	2	3	1-8-9	6
8LT8	7.5	70	75	1342111	3	2	1-2-3-9	3	9GV8	9.0	50	45	1112143	2	2	6-7-8-9	6
"	7.5	70	97	6342161	2	6	6-7-8	6-8	"	9.0	65	60	4512111	3	2	1-2-3	1
8LX8	7.5	79	75	1532141	3	2	2-3-6-7	6	9JW8	9.0	30	20	4112111	3	3	1-8-9	6
"	7.5	74	75	4112111	3	2	1-8-9	1	"	9.0	30	40	1532141	3	3	2-3-6-7	6
									9KC6	9.0	55	55	1512114	3	2	1-2-7-9	7

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
9KG6▲	9.0	50	5632166	2	1	1-3-9-C	C	10EW7	9.0	70	1112145	1	3	6-7-8	6
9KX6	9.0	45	1511264	2	2	1-2-7-8	7	"	9.0	60	4562111	2	1	1-2-9	1
9KZ8	9.0	95	4112111	1	2	1-8-9	1	10FD7	9.0	60	1112145	2	3	6-7-8	6
"	9.0	45	1512143	2	3	2-3-6-7	6	"	9.0	100	4562111	1	2	1-2-9	1
9LA6	9.0	40	1512164	2	2	1-2-7-8	7	10FR7	9.0	90	1112145	3	1	6-7-8	6
9MH3	9.0	30	4621651	2	2	1-6-7	1	"	9.0	42	4562111	1	4	1-2-9	1
"	9.0	30	6421561	2	2	2-5-7	2	10GF7	9.0	80	6512141	2	1	2-3-6	6
9ML8	9.0	75	4662161	2	2	1-7-9	1	"	9.0	45	1112111	1	4	1-8-9	8
"	9.0	80	6462161	2	2	2-7-8	2	10GK6	9.0	25	1511264	3	2	1-2-7-8	7
"	9.0	75	6642151	2	2	3-6-7	3	10GN8	9.0	85	6661215	2	2	6-7-8-9	9
9MN8	9.0	56	2416161	3	2	2-3-11	2	"	9.0	55	1541266	1	4	1-2-3	3
"	9.0	56	2614161	3	2	3-4-10	4	10GV8	9.0	35	1112143	2	2	6-7-8-9	6
"	9.0	56	2516141	3	2	3-6-8	6	"	9.0	60	4512111	3	2	1-2-3	1
9MP12	9.0	75	5121436	2	2	1-2-5-6	5	10HF8	9.0	70	6661215	2	2	6-7-8-9	9
9RA6	9.0	70	1562166	1	2	1-2-9	9	"	9.0	90	1541266	3	2	1-2-3	3
9RAL1	9.0	50	1112145	3	2	6-7-8	6	10JA5	9.0	85	2531646	1	2	2-3-4-6	6
"	9.0	30	4652111	2	2	1-3-9	1	10JA8	9.0	50	6661215	2	3	6-7-8-9	9
9U8	9.0	44	6531241	2	3	2-3-6-7	6	"	9.0	70	1541266	3	2	1-2-3	3
9V9	9.0	55	4661266	2	2	1-8-9	1	10JT8	9.0	47	6661215	3	2	6-7-8-9	9
9X8	9.0	65	1111211	1	3	8-9-C	C	"	9.0	42	1541266	3	3	1-2-3	3
"	9.0	65	1153214	1	4	1-3-4-7	7	10JY8	9.0	60	6661215	3	2	6-7-8-9	9
10	9.0	20	1542116	2	2	2-3	3	"	9.0	40	1541266	3	2	1-2-3	3
10AF11	7.5	7	1662115	3	3	6-7-8-9	9	10KR8	9.0	70	1542166	2	2	1-2-3	3
"	9.0	40	1111111	4	3	2-3	2	"	9.0	25	6662115	3	2	6-7-8-9	9
"	9.0	65	1411111	3	2	2-9-10-11	2	10KU8	9.0	40	1551266	1	5	1-2-3	2-3
"	9.0	80	1111151	2	2	5-6-8	8	"	9.0	80	6661215	3	2	6-7-8-9	9
10AL11	9.0	84	1111111	2	2	3-4-7	4	10L14	25	80	6662145	2	2	6-7-8	6
"	9.0	84	513421	3	2	8-9-10-11	11	"	25	80	4512166	2	2	1-2-3	1
10BQ5	9.0	8	1111143	2	4	2-3-4-6-7	6	10LB8	9.0	30	1542166	4	2	1-2-3	3
10C8	9.0	60	6512164	4	1	2-3-7-9	7	"	9.0	40	6662115	2	2	6-7-8-9	9
"	9.0	70	6661243	2	3	6-7-8-9	6	10LD6	9.0	48	1562134	2	2	1-2-6-7	7
10CW5	9.0	20	4511266	2	3	1-2-3	1	"	Good tube reads above 50.	80	6612146	2	3	3-6-8-9	6
10DA7	9.0	25	6512164	2	2	2-3-7-9	7	10LE8	9.0	44	4612166	2	3	1-3-8-9	1
"	9.0	100	6661245	3	2	6-7-8	6	"	9.0	72	6531241	3	2	2-3-6-7	6
"	9.0	37	4651266	3	3	1-3-9	1	10LM8	9.0	40	4661266	3	2	1-8-9	1
10DE7	9.0	40	4562111	3	1	1-2-9	1	10LW8	9.0	65	6661215	2	3	6-7-8-9	9
10DR7	9.0	70	1112145	1	2	6-7-8	6	"	9.0	85	1541266	2	3	1-2-3	3
10DX8	9.0	28	1112145	4	3	6-7-8-9	6	10LY8	9.0	40	6661215	2	2	6-7-8-9	9
10EB8	9.0	30	5412111	2	3	1-2-3	2	"	9.0	67	1541266	3	3	1-2-3	3
"	9.0	30	1112141	3	3	6-7-8-9	6	10LZ8	9.0	70	1541266	2	2	6-7-8-9	9
10EG7	9.0	14	6661215	2	2	6-7-8-9	9	"	9.0	71	6661215	3	1	2-3-7-9	7
"	9.0	11	1541266	2	4	1-2-3	5	10P18	50	80	6512164	3	2	8-9-10-11	11
"	9.0	60	1115412	3	2	4-5-6	5	10T10	9.0	35	2111111	3	2	2-3-6-7	7
"	9.0	60	5411112	2	1	1-2-3	2	"	9.0	35	2151134	3	3	4-6-7-8	4
10EM7	9.0	97	5411112	1	1	1-2-3	2	10Z10	9.0	50	2114135	2	4	2-3-9-11	9
"	9.0	47	1115412	1	4	4-5-6	5	"	9.0	55	2311111	2	2	2-3-9-11	9

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
11AFC	9.0	20	5134211	1	4	1-2-3-4	4	12A7	12.6	7	30	3	3	*	2
"	9.0	60	1111211	1	3	7-8-9-C	C	"	*2-3-4-5-6-C	0	30	2	2	5	
11AR11	12.6	15	1111111	3	3	*	8	12A8GT	12.6	60	85	2	3	5	
"	*7-8-9-10-11	1	435121	3	3			"	12.6	60	0	2	4	3-6-8-C	
"	12.6	15	111121	3	3	2-3-4-5-6	2	12AB5	12.6	20	35	2	3	3-5-6-8	
11BMS	9.0	70	5662166	3	2	1-8-9	9	12AC6	12.6	62	38	2	3	1-3-7-9	
"	9.0	30	6152143	2	2	2-3-6-7	6	12AC10	12.6	70	75	1	4	1-5-6-7	
11BQ11	9.0	40	2431511	2	3	2-3-5-6	2	"	12.6	70	75	3	2	2-3-11	
"	12.6	40	4351111	2	3	8-9-10-11	8	"	12.6	70	75	3	2	5-6-7	
11BT11	9.0	70	2151111	3	2	3-4-9	9	"	12.6	70	75	3	2	4-9-10	
"	9.0	70	2111514	3	2	5-6-7	7	12AD5	12.6	15	50	2	3	1-2-3-6	
"	9.0	70	2411111	2	2	2-8-10-11	2	12AD6	12.6	7	85	1	4	1-2-5-6-7	
11C5	12.6	91	1521634	2	1	1-2-6-7	7	12AD7	12.6	7	95	2	4	6-7-8	
11CA11	9.0	11	2114151	2	3	4-5-6	4	12AE6	12.6	45	90	2	4	1-2-3	
"	9.0	19	2451111	2	3	2-3-7	2	"	12.6	7	95	2	6	5-6	
"	9.0	60	2111111	2	2	8-9-10-11	11	12AE7	12.6	7	45	1	4	1-2-7	
11CF11	9.0	40	2411111	1	3	2-7-11	2	"	12.6	10	75	1	2	6-7-8	
"	9.0	90	2111111	1	3	8-9-10	10	"	12.6	7	40	1	2	1-2-3	
"	9.0	69	2143511	1	3	3-4-5-6	3	12AE10	12.6	95	20	2	2	8-9-10-11	
11CH11	9.0	50	2151111	3	2	5-6-7	7	"	12.6	55	60	1	4	2-3-6-7	
"	9.0	75	2111514	3	2	3-4-9	9	12AF3	12.6	0	35	3	1	9-C	
"	9.0	60	2411111	2	2	2-8-10-11	2	12AF6	12.6	7	80	1	4	1-5-6-7	
11CK5	12.6	7	1512634	4	1	1-2-6-7	7	12AF11	12.6	40	50	3	2	2-9-10-11	
11CY7	12.6	20	6661245	2	4	6-7-8	6	"	12.6	65	65	3	2	5-6-8	
"	12.6	35	4651266	2	1	1-3-9	1	"	12.6	80	90	2	2	3-4-7	
11DS5	9.0	50	5121436	1	3	1-2-5-6	5	12AG6	12.6	7	73	2	4	1-2-5-6-7	
11FY7	9.0	95	2151411	1	1	3-5-7	5	12AJ6	12.6	40	90	2	6	5-6	
"	9.0	45	2111111	1	4	9-10-11	11	"	12.6	40	80	1	4	1-2-7	
11HM7	12.6	11	1512164	3	2	1-2-7-8	7	12AJ7	12.6	55	60	3	2	8-9	
11JB8	12.6	60	6661215	3	2	6-7-8-9	9	"	12.6	55	70	3	3	2-3-6	
"	12.6	20	1541266	3	3	1-2-3	3	12AL5	12.6	80	90	4	2	1-2-5-7	
11KV8	9.0	20	6661215	2	2	6-7-8-9	9	12AL8	12.6	10	10	1	4	1-8-9	
"	9.0	75	1541266	3	2	1-2-3	3	"	12.6	27	65	3	2	2-3-6-7	
11LQ8	9.0	35	6662115	3	2	6-7-8-9	9	12AL11	12.6	55	60	3	2	8-9-10-11	
"	9.0	64	1542166	3	2	1-2-3	3	"	12.6	45	40	3	3	2-6-7	
11LT8	9.0	70	1342111	3	2	6-7-8	6-8	12AQ5	12.6	70	34	3	2	1-2-5-6	
"	9.0	97	6342161	2	6	1-2-7-8	7	12AR11	12.6	15	1	3	3	2-3-4-5-6	
11LY6	9.0	83	1511264	2	2	1-2-7-8	7	"	*7-8-9-10-11	7	25	3	3	1-2-6-7	
11MS8	9.0	86	4512111	1	3	1-2-3	1	12AS5	12.6	67	36	2	6	5-6	
"	9.0	33	1112143	2	2	6-7-8-9	6	12AT6	12.6	13	93	1	4	1-2-7	
11R3	12.6	0	6662166	3	1	9-C	9	12AT7	12.6	78	93	2	2	1-2-3	
11Y9	9.0	60	1111211	1	3	7-8-9-C	C	"	12.6	70	85	1	3	6-7-8	
"	9.0	85	5134211	1	3	1-2-3-4	4	12AU6	12.6	70	85	3	2	1-5-6-7	
12A	5.0	17	2351111	2	3	2-3	2	12AU7	12.6	20	80	3	2	6-7-8	
12A4	12.6	7	1562116	4	2	1-2	3	"	12.6	20	80	3	2	1-2-3	
12A5	12.6	90	2435161	4	2	2-3-4-5	3	"	12.6	20	80	3	2	6-7-8	
12A6	12.6	7	6143562	4	2	3-4-5-8	3	"	12.6	20	80	3	2	1-2-3	

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
12AU8	12.6	80	6661215	2	2	6-7-8-9	9	12BT6	12.6	7	80	5121663	4	4	1-2-5-6	7							
"	12.6	80	1541266	2	2	1-2-3	3	"	12.6	7	20	5121663	4	6	5-6	5-6							
12AV5	12.6	80	5111412	4	1	1-3-5-8	5	12BU6	12.6	7	0	5121664	4	3	1-2-5-6	7							
12AV6	12.6	25	5121664	4	6	5-6	5-6	"	12.6	7	25	5121664	4	6	5-6	5-6							
"	12.6	25	5121664	3	3	1-2-7	7	12BV7	12.6	28	65	1511214	3	2	1-2-7-8	10							
12AV7	12.6	30	1121415	3	2	6-7-8	6	"	12.6	40	40	2111115	3	3	7-8-9-10	7							
"	12.6	30	4512111	3	2	1-2-3	1	12BY11	12.6	40	40	2143151	3	3	3-4-5-6	3							
12AW6	12.6	19	5121431	2	3	1-2-5-6	5	"	12.6	0	84	4661266	3	1	1-9	1							
"	12.6	0	2114111	2	1	4-7	4	12BW4	12.6	0	84	6661264	3	1	1-7-9	7							
12AX3	12.6	0	6611412	3	1	3-5	5	"	12.6	7	88	1561214	2	3	1-2-7-8	7							
12AX4	12.6	0	6611412	3	1	6-7-8	6	12BX6	12.6	0	70	6662166	2	3	9-C	9							
12AX7	12.6	67	6661245	1	4	1-2-3	1	12BY3	12.6	45	45	1512164	3	2	1-2-7-8	7							
"	Good	67	4511266	1	4	1-2-3	1	12BY7	12.6	85	80	5121431	2	3	1-2-5-6	5							
"	tube reads	67	above 60.	3	1	7-9	7	12BZ6	12.6	50	50	4511266	1	3	1-2-3	1							
12AY3	12.6	16	6662164	3	3	1-2-3	1	12BZ7	12.6	50	50	6661245	1	3	6-7-8	6							
12AY7	12.6	16	4511266	3	3	6-7-8	6	"	12.6	91	100	1521634	2	1	1-2-6-7	7							
"	12.6	16	6661245	3	3	6-7-8	6	12C5	12.6	26	25	1141632	4	3	3-6-8-C	3							
12AZ7	12.6	25	1121415	3	2	6-7-8	6	12C8	12.6	7	25	1165562	4	6	4-5-8	4-5							
"	12.6	25	4512111	3	2	1-2-3	1	"	12.6	90	20	1512634	2	2	1-2-6-7	7							
12B3	12.6	0	6461266	4	1	2-C	2	12CA5	12.6	90	20	1621435	4	3	1-2-3	C							
12B4	12.6	30	1561216	1	2	1-2-9	9	12CJ5	12.6	90	84	3512166	2	1	1-2-3	2							
12B7	12.6	25	2431651	3	3	2-3-6-7	2	12CK3	12.6	0	65	6462166	2	1	2-9	2							
12BA6	12.6	75	5121431	3	2	1-5-6-7	5	"	12.6	0	100	6662164	1	1	7-9	7							
"	12.6	95	1121415	3	2	6-7-8	6	12CL3	12.6	45	25	3651261	4	2	1-5-7-9	9							
12BA7	12.6	30	5612136	3	3	1-2-3-9	9	12CM6	12.6	7	75	1512634	1	3	1-2-6-7	7							
12BR14▲	12.6	8	5112431	1	1	1-5-6-7	5	12CN5	12.6	15	0	1621435	4	3	1-2	2							
12BD6	12.6	0	2114111	1	1	4-7	4	12CR6	12.6	22	0	1612435	4	3	1-5-6-7	5							
12BE3	12.6	0	1111111	2	3	1-2-5-7	5	"	12.6	11	79	5121431	2	4	1-2-5-6-7	5							
12BE6	12.6	30	5121431	2	3	1-2-7	7	12CS6	12.6	0	93	6462166	1	1	2-9	2							
"	12.6	85	5121664	2	2	5-6	5-6	12CT3	12.6	35	35	4511266	2	3	1-2-3	1							
12BF6	12.6	50	2111111	2	2	8-9-10-11	11	12CT8	12.6	30	30	6661243	2	3	6-7-8-9	6							
"	12.6	52	2151134	3	3	2-3-6-7	7	"	12.6	23	90	1521634	3	1	1-2-6-7	7							
12BF11	12.6	88	4511266	1	2	1-2-3	1	12CU5	12.6	90	90	1163562	1	2	4-5-8-C	C							
12BH7	12.6	88	6661245	1	2	6-7-8	6	12CU6	12.6	7	84	5112431	1	3	1-5-6-7	5							
"	12.6	0	2114661	1	2	4-7	4	12CX6	12.6	0	75	6616462	2	1	3-5	5							
12BJ3	12.6	0	4151216	4	2	1-3-6-9	1	"	12.6	15	95	3151266	3	1	1-2-3-9	9							
12BK5	12.6	44	5121663	4	4	1-2-5-6	7	12DB5	12.6	0	30	6141266	1	2	2-3	3							
"	12.6	7	5121663	4	4	5-6	5-6	12DE8	12.6	7	78	5661241	1	4	1-6-8-9	6							
12BK6	12.6	7	5112431	1	4	1-5-6-7	5	"	12.6	0	27	4111261	1	2	1-3	1							
12BL6	12.6	7	1512466	1	4	1-2-5	5	12DF5	12.6	0	27	6161241	2	2	6-8	6							
12BN6	12.6	25	1512314	2	4	1-2-5-7	7	"	12.6	7	60	6661245	1	5	6-7-8	6							
12BN7	12.6	90	1163562	1	2	4-5-8-C	C	12DF7	12.6	13	75	4511266	2	4	1-2-3	1							
12BQ6	12.6	0	6662166	2	1	9-C	9	"	12.6	65	65	6661245	2	2	6-7-8	6							
12BR3	12.6	75	4511266	3	2	1-2-3	1	12DJ8	12.6	52	52	4511266	2	2	1-2-3	1							
12BR7	12.6	90	6661255	3	3	6-7-8	6-7	"	12.6	60	30	1511264	1	3	1-2-7-8	7							
"	12.6	0	6662164	3	1	7-9	7	12DK5	12.6	65	85	5121431	3	2	1-2-5-6	5							
12BS3	12.6	0	2114111	2	1	4-7	4	12DK6	12.6	65	85	5121431	3	2	1-2-5-6	5							
12BT3	12.6	0	1161111	2	1	4-7	4	"	12.6	65	85	5121431	3	2	1-2-5-6	5							

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
12DK7	12.6	7	6161256	1	4	2-6-9	6-9	12EG6	12.6	7	5121431	1	5	1-2-5-6-7	5
"	12.6	7	5131264	1	4	1-2-3-7	7	12EH5	12.6	47	1512634	2	2	1-2-6-7	7
12DL8	12.6	7	5661266	1	3	1-8-9	1-9	12EK6	12.6	55	5112431	1	3	1-5-6-7	5
"	12.6	7	6151243	1	2	2-3-6-7	6	12EL6	12.6	25	5412661	3	4	1-2-7	2
12DM4	12.6	0	6611411	2	1	3-5	5	"	12.6	7	5312661	4	6	5-6-7	5-6
12DM5	12.6	7	1512634	4	4	1-2-6-7	7	12EM6	12.6	7	5131246	1	3	1-2-3-6	6
12DM7	12.6	25	1112145	2	4	6-7-8	6	"	12.6	7	5132131	4	6	2-9	9
"	12.6	25	4512111	2	4	1-2-3	1	"	12.6	7	6143562	4	1	3-4-5-8	3
12DQ4	12.6	0	6611411	4	1	3-5	5	12EN6	12.6	7	6611266	3	5	3-8	8
12DQ6	12.6	84	1163562	2	1	4-5-8-C	C	12EQ7	12.6	65	1511234	2	3	2-3-6-7	7
12DQ7	12.6	7	1511214	4	2	1-2-7-8	7	12EW6	12.6	61	1243511	4	1	3-4-5-8	3
12DS7	12.6	60	5661266	2	5	1-8-9	1-9	12EZ6	12.6	7	5112431	1	3	1-5-6-7	5
"	12.6	7	6151243	1	4	3-6-8	6	12F5	12.6	7	1213111	5	5	8-C	4
12DT5	12.6	7	3651261	2	3	1-3-7-9	9	12F5GT	12.6	7	1114112	4	4	4-8-C	4
12DT6	12.6	29	5121431	3	3	1-2-5-6	5	12F8	12.6	42	6341261	2	3	2-3-7-8	3
12DT7	12.6	50	1112145	3	3	6-7-8	6	"	12.6	60	5661251	3	5	1-6-7	1-6
"	12.6	50	4512111	3	3	1-2-3	1	12FA6	12.6	0	5121431	4	5	1-2-5-6-7	5
12DT8	12.6	7	4511266	2	3	1-2-3	1	12FB5	12.6	7	6511264	2	2	2-3-7-9	7
"	12.6	7	6661245	2	3	6-7-8	6	12FK6	12.6	45	1121551	4	4	5-6	5-6
12DU7	12.6	80	1131236	2	2	1-2-3-6	6	"	12.6	35	5121664	2	2	1-2-7	7
"	12.6	50	6161265	2	5	2-7-9	7-9	12FM6	12.6	70	1121551	2	5	5-6	5-6
12DV7	12.6	20	6662135	1	5	6-7-8	6	"	12.6	35	5121664	1	3	1-2-7	7
"	12.6	65	1552166	1	5	1-2-3	2-3	12FQ7	12.6	31	4512111	2	3	1-2-3	1
12DV8	12.6	20	5661266	4	6	1-8-9	1-9	"	12.6	31	1112145	2	3	6-7-8	6
"	12.6	15	6151243	3	3	2-3-6-7	6	12FQ8	12.6	70	6662145	2	3	6-7-8-9	6-8
12DW4	12.6	0	6662164	1	2	7-9	7	"	12.6	65	4542166	3	3	1-2-3-9	1-3
12DW5	12.6	7	3651261	2	1	1-3-7-9	9	12FR8	12.6	40	6651234	1	2	3-6-7	7
12DW6	12.6	40	1163562	3	1	4-5-8-C	C	"	12.6	45	5161266	1	3	1-2-9	9
12DW7	12.6	40	4511266	2	3	1-2-3	1	"	12.6	20	6161266	1	4	2-8	8
"	12.6	7	6661245	2	4	6-7-8	6	12FT6	12.6	40	5121664	2	5	1-2-7	7
12DW8	12.6	7	4511266	1	4	1-2-3	1	"	12.6	40	1121561	2	4	2-5	5
"	12.6	7	6661245	1	5	6-7-8	6	"	12.6	40	1121651	4	5	2-6	6
12DY8	12.6	7	5132141	1	2	8-9	9	12FV7	12.6	35	1112145	2	2	6-7-8	6
"	*1-2-3-6-7-8	7	4511111	1	2	*	6	12FX5	12.6	35	4512111	2	2	1-2-3	1
12DZ6	12.6	30	5112431	1	3	1-5-6-7	8	12FX8	12.6	55	1512634	2	2	1-2-6-7	7
12DZ7	12.6	20	5143662	1	3	1-3-4-8	3	"	12.6	15	6661256	1	3	6-8	6
"	12.6	20	6163542	2	2	4-5-6-8	6	12G4	12.6	35	3541261	1	3	1-2-3-7	3
12DZ8	12.6	7	6151243	2	4	2-3-6-7	6	12G8	12.6	7	3121651	1	4	6-7	1
"	12.6	7	5661266	2	2	1-8-9	9	"	12.6	25	4151266	1	4	1-2-3	1
12E5	12.6	7	1231511	4	3	5-8	3	12G11	12.6	20	6661241	1	2	6-7-8	6
12E13	6.3	15	1143512	3	1	3-4-5-8	3	"	12.6	20	1151143	2	4	2-3-4-6-7	6
12EA6	12.6	30	5112431	1	3	1-5-6-7	5	12GA6	12.6	7	5121431	1	4	8-9-10-11	11
12EC8	12.6	7	5411266	1	4	1-2-3	2	12GB3	12.6	80	1163562	2	2	1-2-5-6-7	7
"	12.6	7	6661243	1	3	6-7-8-9	6	12GB7	12.6	40	1213511	2	1	4-5-8-C	C
12ED5	12.6	7	1512634	3	2	1-2-6-7	7	12GC6	12.6	10	1113512	3	1	3-4-5-C	C
"	12.6	30	1512634	1	2	1-2-6-7	7	12GE5	12.6	15	2351664	2	2	2-3-4-7	7

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
12GJ5	12.6	55	95	3512166	2	1	1-2-3-C	C	12MX8	12.6	60	65	1512145	3	3	2-3-6-7	6
12GK17	12.6	0	73	6611412	2	1	3-5	5	"	12.6	75	90	1112111	3	2	1-3-9	8
12GN6	12.6	53	100	5112436	3	2	1-2-5-6	5	12Q7	12.6	60	60	6146662	3	3	3-8-C	3
12GN7	12.6	85	85	1562164	3	1	1-2-7-8	7	"	12.6	7	24	1146612	4	6	4-5	4-5
12GT5	12.6	40	75	3512166	3	1	1-2-3-9	9	12R5	12.6	32	32	1521634	2	2	1-2-6-7	7
12GV5	12.6	85	90	2131516	2	1	3-4-5-C	C	12RK19	12.6	0	100	1111111	1	1	9-C	9
12GW6	12.6	40	65	1163562	3	1	4-5-8-C	C	12RLL3	12.6	30	60	6661266	3	2	6-7-8	6
12H4	12.6	52	16	3612651	3	3	6-7	1	"	12.6	30	60	1112145	3	2	1-2-3	1
12H6	12.6	90	70	6151662	3	3	3-4	3	12S8	12.6	7	20	6166132	4	5	*	6
"	12.6	90	70	6166562	3	3	5-8	5	"	12.6	7	80	1143512	4	3	3-4-5-6	3
12HB25A	12.6	65	78	5612136	2	1	1-6-9-C	C	12SA7	12.6	20	28	1665411	3	4	4-5-6	5
12HE7	12.6	17	80	2161466	2	1	5-8-9-11	5	12SC7	12.6	20	28	1456661	3	4	2-3-6	2
"	12.6	0	95	2461166	1	1	2-4	2	"	12.6	20	28	6151411	4	4	2-3-5	5
12HG7	12.6	55	65	1512164	2	2	1-2-7-8	7	12SF5	12.6	7	75	1513641	3	2	2-3-6	6
12HL5	12.6	35	35	5612164	2	2	1-3-7-9	7	12SF7	12.6	61	93	2111111	3	4	3-5	5
12HL7	12.6	60	60	1511264	2	2	1-2-7-8	7	"	12.6	7	20	1616561	4	6		
12HU8	12.6	55	55	3542161	3	2	1-2-3-6-7	3	12SG7	12.6	31	7	1115632	3	3	3-4-6-8	8
"	12.6	55	55	6662151	3	2	6-7-8-9	8	12SH7	12.6	50	97	1115632	3	2	3-4-6-8	8
12J5	12.6	49	30	6146562	2	3	3-5-8	3	12SJ7	12.6	20	5	6115132	2	4	4-5-6-8	8
12J7	12.6	45	30	6143112	2	3	3-4-8-C	C	12SK7	12.6	25	13	6115132	3	3	4-5-6-8	8
12J8	12.6	15	95	5131246	1	2	1-2-3-6	6	12SL7	12.6	20	15	1115412	3	4	4-5-6-8	8
"	12.6	0	70	6661261	1	3	7-8-9	8-9	"	12.6	20	15	5411112	3	4	1-2-3	2
12JB6	12.6	96	70	3512166	1	2	1-2-3-C	C	12SN7	12.6	20	95	1115412	3	2	4-5-6	5
12JF5	12.6	95	70	2351666	2	1	2-3-4-C	C	"	12.6	20	95	5411112	3	2	1-2-3	2
12JM6	12.6	85	90	2131566	2	1	2-3-5-C	C	12SQ7	12.6	52	52	6615561	2	5	3-4-5	4-5
12JN6	12.6	90	90	2131664	1	2	2-3-4-7	7	"	12.6	65	65	6516641	2	3	2-3-6	6
12JN8	12.6	10	75	6661243	2	3	6-7-8-9	6	12SR7	12.6	7	98	1516641	4	2	3-4-5	4-5
"	12.6	10	45	5411266	2	3	1-2-3	2	"	12.6	7	25	1615561	4	6	3-4-5	4-5
12JQ6	12.6	13	54	4632165	2	2	1-3-7-9	1	12SV6	12.6	21	98	1244511	4	1	3-4-5-8	3
12JS6	12.6	65	65	2131516	2	1	2-3-5-C	C	12SV7	12.6	21	98	1244511	4	1	3-4-5-8	3
12JT6	12.6	70	70	5312116	2	2	2-3-9	9	12SW7	12.6	7	0	6516642	4	3	2-3-4-5	6
12JZ8	12.6	40	95	2411111	1	3	2-10-11	2	"	12.6	7	30	6516642	4	6	4-5	4-5
12K5	12.6	40	40	2114156	2	3	4-6-8-9	4	12SX7	12.6	52	20	5315312	3	3	1-3-4-6	2-5
12K7	12.6	40	40	1312564	2	3	1-2-5-7	7	12SY7	12.6	7	72	1243111	4	3	1-5-6-8	3
12K8	12.6	28	30	6143112	3	3	3-4-8-C	C	"	12.6	7	35	1243111	4	3	4	4
"	12.6	7	81	1143562	4	3	3-4-5-8	3	12T10	12.6	35	70	2111111	3	2	8-9-10-11	11
"	12.6	7	64	1166542	4	3	5-6-8	6	"	12.6	35	70	2151134	3	3	2-3-6-7	7
12KL8	12.6	65	64	1612134	2	6	3-8	8	12U7	12.6	14	100	6661245	1	6	6-7-8	6
"	12.6	60	60	1512134	2	3	2-3-6-7	7	"	12.6	14	100	4511266	1	6	1-2-3	1
12L6	12.6	35	82	6143562	4	1	3-4-5-8	3	12V6	12.6	21	85	6143562	3	2	3-4-5-8	3
12L8	12.6	7	39	5154321	4	3	*	4-8	12W6	12.6	15	90	6143562	4	1	3-4-5-8	3
12MD8	*1-2-3-4-5-8	40	40	4662161	3	2	1-7-9	1	12X4	12.6	0	83	4112161	2	1	1-7	1
"	12.6	40	40	6462161	3	2	2-7-8	2	"	12.6	0	15	2311111	2	2	2-3	2
"	12.6	40	40	6642151	3	2	3-6-7	3	12Z3	12.6	65	80	6263511	3	1	5-8-C	C
"	12.6	40	40		3	2			12CW4	12.6	20	75	1415111	1	3	2-4-8	2

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	
13DE7	12.6	75	1112145	3	2	6-7-8	6	14F8	12.6	7	50	511111	4	3	5-6-8	6
"	12.6	40	4562111	3	1	1-2-9	1	"	12.6	7	50	611111	4	3	1-3-4	3
13DR7	12.6	28	1111111	1	2	1-2-9	1	14GT8	12.6	0	25	661111	1	2	2-3	2
"	12.6	28	1112145	4	3	6-7-8	2	"	12.6	0	25	661111	1	2	1-6	6
13EM7	12.6	97	5411112	1	1	1-2-3	6	"	12.6	25	35	541111	2	4	7-8-9	9
"	12.6	47	1115412	1	4	4-5-6	5	14GW8	12.6	30	90	641111	3	3	1-2-9	9
13FD7	12.6	90	4562111	1	1	1-2-9	1	"	12.6	47	47	561111	3	2	3-6-7-8	6
"	12.6	35	1111111	3	3	6-7-8	6	14H7	12.6	30	14	111111	4	3	2-3-6-7	2
13FM7	12.6	50	1112145	2	1	3-5-7	5	14J7	12.6	49	100	111111	4	2	1-4-6	2
"	12.6	18	2151461	2	4	9-10-11	11	"	12.6	40	100	111111	2	3	3	3
"	12.6	32	2111111	2	1				12.6	60	76	2435351	2	3		3
13FR7	12.6	100	1112145	2	3	6-7-8	6	14JG8	12.6	55	55	6661261	3	3	7-8-9	9
"	12.6	42	4562111	1	2	1-2-9	1	"	12.6	0	75	1661246	2	1	1-6	6
13GB5A	12.6	80	6512136	2	1	2-3-6-C	C	"	12.6	0	75	6411266	2	1	2-3	2
13GF7	12.6	45	1112111	1	4	1-8-9	8	14N7	12.6	30	30	1145666	2	3	2-3-4	3
"	12.6	80	6512141	2	1	2-3-6	6	"	12.6	30	30	1666541	2	3	5-6-7	6
13J10	12.6	40	2114135	4	4	4-6-7-8	4	14Q7	12.6	7	80	1435111	4	3	2-3-4-7	2
"	12.6	55	2311111	3	2	2-3-9-11	9	14R7	12.6	17	62	211111	4	3	2-5-6-7	2
13JZ8	12.6	91	2311111	2	1	4-7-8-9	4	"	12.6	7	25	1655661	4	6	3-4-7	2-3
"	12.6	66	2411111	1	3	2-10-11	2	14S7	12.6	60	30	2435351	2	4	2-3-4-6-7	2
"	12.6	68	2411111	1	3			"	12.6	60	76	2435351	2	3	3	3
13V10	12.6	52	2151134	3	3	2-3-6-7	7	14W7	12.6	30	10	2431156	3	3	2-3-4-6	2
"	12.6	20	2111111	3	2	8-9-10-11	11	14X7	12.6	20	60	2451661	4	3	2-3-4-5-6	2
13Z10	12.6	40	2114135	4	4	4-6-7-8	4	"	12.6	0	0	2451661	4	6	5-6	5-6
"	12.6	55	2311111	3	2	2-3-9-11	9	"	12.6	0	84	2151131	4	1	3-6-7	6
14A4	12.6	35	2411651	2	2	2-6-7	2	14Y4	12.6	35	84	2151111	4	3	3	3
14A5	12.6	27	2411151	3	3	2-3-6-7	2	"	12.6	25	55	2431111	2	4	2-3-4-C	2
14A7	12.6	25	1431151	3	3	2-3-6-7	2	15	2.0	7	80	1255311	2	4	1-3-4-5-6	C
"	12.6	35	1666541	3	3	6-7-8	7	15A8	12.6	7	40	1255311	2	4	8	8
14AF7	12.6	35	1145666	3	3	2-3-4	3	"	12.6	85	90	2154111	2	2	3-4-7	4
"	12.6	35	1456661	2	5	2-3-7	2	15AF11	12.6	65	70	2111151	3	2	5-6-8	8
14B6	12.6	7	1666551	4	6	5-6-7	5-6	"	12.6	40	50	2411111	3	2	2-9-10-11	8
14B8	12.6	15	2445311	3	3	2-4-5-7	2	"	12.6	37	25	1111151	2	3	5-6-8	8
"	12.6	10	2445311	3	3	3-4-9	3	15BD11	12.6	37	25	1111151	2	3	3-4-7	4
14BL11	12.6	62	2151111	3	2	5-6-7	7	"	12.6	60	50	1411111	3	2	2-9-10-11	2
"	12.6	60	2111514	3	2	2-8-10-11	2	"	12.6	30	40	6512164	2	2	2-3-7-9	7
"	12.6	40	2411111	3	2	7-9-10	9	15CW5	12.6	45	50	5412111	2	3	1-2-3	2
14BR11	12.6	72	2111111	3	2	5-6-8	6	15DQ8	12.6	65	70	1112141	2	3	6-7-8-9	6
"	12.6	70	2111141	3	2	2-3-4-11	11	"	12.6	20	40	5411112	3	1	1-2-3	2
"	12.6	45	2531111	3	2			15EA7	12.6	30	60	1115412	3	3	4-5-6	5
14C5	12.6	30	1436651	4	1	2-3-6-7	2	"	12.6	55	55	5411112	2	1	1-2-3	2
14C7	12.6	13	1431151	2	4	2-3-6-7	2	15EM7	12.6	55	55	1115412	2	3	4-5-6	5
14E6	12.6	7	2456661	4	3	2-3-5-6-7	5-6	"	12.6	85	82	5121431	3	2	1-2-5-6	5
"	12.6	7	2456661	4	6	5-6	2	15EW6	12.6	70	70	1112145	1	3	6-7-8	6
14E7	12.6	37	2466351	3	3	*	2	15EW7	12.6	60	60	4562111	2	1	1-2-9	1
"	*2-3-4-5-6-7	30	2466351	4	6	3-4	3-4	"	12.6	50	50	2151461	2	1	3-5-7	5
"	12.6	7	1666541	3	3	5-6-7	6	"	12.6	18	32	2111111	2	4	9-10-11	11
14F7	12.6	60	1145666	3	3	2-3-4	3	15FY7	12.6	45	59	2111111	1	4	9-10-11	11
"	12.6	60	1145666	3	3		3	"	12.6	95	95	6111111	1	1	3-5-7	5

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
15HA6	12.6	67	1512134	2	2	1-2-6-7	7	17BQ6	19	90	1163562	1	2	4-5-8-C	C
15HB6	12.6	50	1512134	2	2	1-2-6-7	7	17BR3	12.6	0	6662111	2	1	9-C	9
15KY8	12.6	75	1112111	3	2	1-8-9	8	17BR6	19	0	6661266	4	1	9-C	9
"	12.6	60	1512145	3	3	2-3-6-7	6	17BS3	19	0	6412166	2	1	2-9	2
15LE8	12.6	75	4612166	2	3	1-3-8-9	1	17BW3	12.6	0	2114661	2	1	4-7	4
"	12.6	80	6612146	2	3	3-6-8-9	6	"							
15MF8	12.6	67	2114156	2	2	4-6-8-9	4	17BZ3	12.6	0	2114661	2	1	4-7	4
"	12.6	50	2411111	1	3	2-10-11	2	17C5	19	91	1521634	2	1	1-2-6-7	7
15MX8	12.6	60	1512145	3	3	2-3-6-7	6	17C8	19	20	3511246	2	3	1-2-3-6	6
"	12.6	75	1112111	3	2	1-8-9	8	"	19	0	6611265	2	3	3-7	7
16A5	19	55	6512164	2	2	2-3-7-9	7	"	19	30	6611266	2	3	3-8	8
16A8	12.6	15	6152143	3	2	2-3-6-7	6	17C9A	19	36	5342111	2	3	1-2-3-10	10
"	12.6	20	5662166	2	4	1-8-9	9	"	19	36	1112115	2	3	6-7-8-9	9
16AK9	7.5	66	1661621	1	3	7-10-11	11	17CA5	19	90	1512634	2	2	1-2-6-7	7
"	7.5	66	1451621	1	3	2-3-7	2	17CJ5	19	90	3512166	2	1	1-2-3-C	C
"	7.5	90	1661421	1	2	5-7-8-9	5	17CK3	19	0	6462166	2	1	2-9	2
16AQ3	12.6	0	6662166	4	1	9-C	9	17CL3	12.6	0	6662164	1	1	7-9	7
16BQ11	12.6	50	2431511	2	3	2-3-5-6	2	17CT3	19	0	6462166	2	1	2-9	2
"	12.6	40	2111111	2	3	8-9-10-11	8	17CU5	19	23	1521634	3	1	1-2-6-7	7
16BX11	12.6	70	2531111	3	2	2-3-10-11	11	"							
"	12.6	70	2111541	3	2	4-5-6	6	17D4	19	0	6611411	2	1	3-5	5
"	12.6	70	2111114	3	2	7-8-9	7	17DE4	19	0	6611411	2	1	3-5	5
16CB28	12.6	75	1131511	1	2	2-3-5-C	7	17DM4	19	0	6611411	2	1	3-5	5
16GK6	12.6	25	151264	3	2	1-2-7-8	7	17DQ4	19	0	6611411	4	1	3-5	5
16GY5	19	70	1631566	1	2	3-4-5-C	C	17DQ6	19	84	1163562	2	1	4-5-8-C	C
16HB5	12.6	75	2351664	2	1	2-3-4-7	7	17DW4	19	0	6662164	1	1	7-9	7
16KA6	12.6	19	2131516	2	1	3-5-10-C	C	17E8	19	60	4511266	3	2	1-2-3	3
16LD6	12.6	48	1562134	2	2	1-2-6-7	7	"	19	60	6661245	2	2	6-7-8	8
16LU8	12.6	73	2411111	2	2	2-10-11	2	17GE5	19	15	2351664	2	2	2-3-4-7	7
"	12.6	90	2114156	2	1	4-6-8-9	4	17GJ5	19	55	3512166	2	1	1-2-3-C	C
16MY8	12.6	73	2411111	2	2	2-10-11	2	17GT5	19	90	3512166	2	1	1-2-3-9	9
"	12.6	90	2114156	2	1	4-6-8-9	4	17GU5	19	55	5112431	2	3	1-5-6-7	7
16Y9	12.6	60	1111211	1	3	7-8-9-C	C	17GV5	19	85	2131516	2	1	3-4-5-C	C
17A8	12.6	30	4112111	1	2	1-8-9	4	17GW6	19	65	1163562	3	1	4-5-8-C	C
"	12.6	30	1532141	2	3	2-3-6-7	6	17H3	19	0	1141211	2	1	1-3	3
17AB10	19	45	2614135	2	4	4-6-7-8	4	17HB25A	12.6	65	5612136	2	1	1-6-9-C	C
"	19	40	2311111	2	2	2-3-9-11	9	"							
17AV5	19	10	5111412	4	1	1-3-5-8	5	17HC8	19	7	6151243	4	2	2-3-6-7	7
17AX3	19	0	2114111	2	1	4-7	4	"	19	7	5661266	4	3	1-8-9	9
17AX4	19	0	6611412	3	1	3-5	5	17JB6	12.6	95	3512166	2	1	1-2-3-C	C
17AY3	19	0	6662164	3	1	1-3-6-C	C	17JF6	12.6	70	3512166	2	1	1-2-3-C	C
17BB14	19	30	5612136	3	1	4-7	7	17JG6	19	40	3512166	3	1	1-2-3-9	9
17BE3	19	0	2114111	1	1	8-9-10-11	11	17JK8	19	15	6661245	2	3	6-7-8	8
17BF11	12.6	50	2111111	2	2	2-3-6-7	7	"	19	15	4511266	3	2	1-2-3	3
"	12.6	52	2151134	3	3	7-9	7	17JM6	19	83	2131566	2	1	2-5-7-C	C
17BH3	19	0	6662164	2	1	7-9	7	17JN6	12.6	72	2131664	3	1	2-3-4-7	7

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
17JT6	19	50	3512166	3	1	1-2-3-9	9	19CG3	19	0	60	2	1	4-7	4
17JZ8	19	70	2411111	3	2	2-10-11	2	19CL8	19	70	90	3	2	6-7-8-9	6
"	19	40	2114156	2	2	4-6-8-9	4	"	19	30	35	3	2	1-2-3	2
17KV6	19	70	3512166	2	1	1-2-3-9	9	19D8	19	12	40	3	3	*	6
17L6GT	19	35	6143562	4	1	3-4-5-8	3	"	*1-2-3-6-8-9						
17LD8	19	78	1511243	2	3	2-3-6-7	6	"							
"	19	78	1111211	2	3	1-8-9	8	19DE3	19	0	30	2	3	8	8
17R5	19	7	1512634	2	2	1-2-6-7	7	19DE7	19	11	70	1	1	4-C	4
17RHH2	19	60	4511266	3	2	1-2-3	1	"	19	70	33	2	3	6-7-8	6
"	19	60	6661245	3	2	6-7-8	6	"	19	70	33	1	2	1-2-9	1
17RK19	12.6	0	6662166	2	1	9-C	9	19DK3	19	0	67	2	1	2-C	2
17W6GT	19	15	6143562	4	1	3-4-5-8	3	19DQ3	19	0	67	2	1	4-7	4
17X10	19	40	2311111	2	2	2-3-9-11	9	19EA8	19	75	84	3	2	2-3-6-7	6
"	19	85	2114135	3	3	4-6-7-8	4	19EW7	19	20	70	1	3	1-8-9	1
17Y9	12.6	72	1111211	1	3	7-8-9-C	C	"	19	60	60	2	1	6-7-8	6
"	12.6	85	5134211	1	3	1-2-3-4	4	19EZ8	19	38	34	2	3	1-2-9	1
17Z3	12.6	0	6662166	2	1	9-C	9	"	19	38	34	2	3	1-2-3	3
18	12.6	7	2442111	4	3	2-3-4-5	2	"	19	39	39	2	3	6	8
18A5	19	7	5111412	2	2	1-3-5-8	5	19FL8	19	85	92	2	2	1-2-3-6	6
18AJ10	19	57	2151134	1	4	2-3-6-7	7	"	19	0	93	1	2	3-7	7
"	19	92	2111111	2	2	8-9-10-11	11	"	19	0	100	1	2	3-8	8
18DZ8	19	7	6151243	2	2	2-3-6-7	6	19FX5	19	55	60	1	2	1-2-6-7	7
"	19	10	5661266	2	4	1-8-9	9	19GQ7	19	50	50	1	2	8-9	8
18FW6	19	45	5121431	2	3	1-5-6-7	5	"	19	50	50	1	5	6-7	6
18FX6	19	15	5121431	2	4	1-2-5-7	5	19HR6	19	20	40	2	3	1-5-6-7	5
18FY6	19	60	1121551	4	4	5-6	5-6	19HS6	19	80	85	2	2	1-5-6-7	5
"	19	50	5121664	2	3	1-2-7	7	"	19	80	85	2	2	1-5-6-7	5
18GB5A	19	80	6512136	2	1	2-3-6-C	C	19HV8	19	10	89	2	4	1-2-3	2
18GD6	19	70	5112431	2	3	1-5-6-7	5	"	19	70	80	3	2	6-7-8-9	6
18GF6	19	7	5121664	1	4	1-2-7	7	19J6	19	20	34	2	3	2-5-7	2
"	19	50	1121561	4	5	5	5	"	19	20	34	2	3	1-6-7	1
18GV8	19	50	1121651	4	5	6	6	19JN8	19	30	35	3	2	1-2-3	2
"	19	35	1121443	2	2	6-7-8-9	6	"	19	70	90	3	2	6-7-8-9	6
18HB8	19	60	4512111	3	2	1-2-3	1	19KF6A	19	27	80	2	1	1-3-6-9	9
"	19	45	5141266	1	4	1-2-3	3	19KG8	19	45	50	2	3	6-7-8-9	6
18H8	19	45	6661234	1	4	6-7-8-9	7	"	19	70	80	2	2	1-2-3	1
18RAL1	19	40	4562166	2	2	1-2-9	1	19MR9	19	30	40	2	3	1-5-6-7	5
"	19	65	6662145	2	2	6-7-8	6	19Q9	19	70	75	2	2	7-8-9	9
19	2.0	50	2355311	3	3	2-3-4-5	2-5	19T8	19	80	80	3	2	1-2-3-10	3
19A3	6.3	0	1111421	1	1	5-7	5	"	19	50	50	3	5	1-7	1
19AQ5	19	67	5112436	4	1	1-2-5-6	5	"	19	50	50	3	3	7-8-9	9
19AU4	19	0	6611411	1	2	3-5	5	"	19	50	50	3	4	2-3	2
19BG5	19	85	1211511	4	1	3-5-8-C	C	19V8	19	7	70	3	5	6-7	6
19BG6	19	70	1211511	2	2	3-5-8-C	C	"	19	14	0	2	4	1-3-6	1
19C8	19	7	6612161	2	4	*	9	"	19	7	75	4	6	2-3	2-9
"	*1-2-3-6-7-8							19X8	19	20	90	2	2	7-8	7
"	19	0	6612161	4	6	6-7-8-9	1-2-6	"	19	20	30	3	3	6-7-8-9	9

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
19Y3	19	0	80	6612166 641111	2	1	3-9	9	24AX4	25	0	32	6611412 111111	3	1	3-5	5
20	3.8	46	56	2351111 111111	2	3	2-3	2	24BF11	25	52	70	2151134 111111	3	3	2-3-6-7	7
20AQ3	19	0	75	6662166 641111	2	1	9-C	9	"	25	42	42	2111111 513411	2	2	8-9-10-11	11
20D4	6.3	92	92	3512143 661111	2	2	1-2-3-6-7	6	24CA7	25	70	60	2365164 166111	3	1	2-4-5-7	7
"	6.3	76	76	3512113 451111	1	3	8-9	8	"	25	0	75	2111161 166411	2	1	8-11	11
20EQ7	19	61	22	1511234 661111	2	3	2-3-6-7	7	24JE6	25	90	50	6512163 661114	2	1	2-3-7-C	C
"	19	65	50	6611266 511111	3	5	3-8	8	24JZ8	25	40	35	2114156 311111	2	2	4-6-8-9	4
20EW7	19	70	70	1112145 111111	1	3	6-7-8	6	"	25	70	70	2411111 115111	3	2	2-10-11	2
"	19	60	60	4562111 111111	2	1	1-2-C	1	24LQ6	25	60	70	3512166 661114	1	2	1-2-3-C	C
20EZ7	19	40	60	2161114 511111	3	3	7-8-9	7	24LZ6	25	65	50	3512166 661114	1	2	1-2-3-C	C
"	19	40	60	2161541 111111	3	3	4-5-6	6	25A6	25	7	32	1233511 111111	4	2	3-4-5-8	3
20LF6	19	25	25	2131516 166614	1	2	2-3-5-C	C	25A7	25	55	73	1233551 111111	2	2	*	3
21A6	19	61	93	6512166 311114	2	1	2-3-C	C	"	*1-3-4-5-6-8	0	75	1211131 111111	4	1	6	6
21EX6	19	50	70	1211511 311114	3	1	3-5-8-C	C	25AC5	25	84	0	1231511 111111	4	2	3-5-8	3-10
21GY5	19	70	70	1631566 666624	1	2	3-4-5-C	C	"	25	0	75	1211131 111111	4	1	6	6
21HB5	19	75	85	2351664 666621	2	1	2-3-4-7	7	25AV5	25	10	80	5111412 311111	4	1	1-3-5-8	5
21HD5	19	85	86	1151364 666621	3	1	3-4-7	7	25AX4	25	0	32	6611412 111111	3	1	3-5	5
21HJ5	19	70	70	2156364 166611	2	1	2-3-5-7	7	25B5	25	7	65	5112426 111111	2	2	1-2-5-6	5
21JS6	19	65	65	2131516 166614	2	1	2-3-5-C	C	25B6	25	7	46	1233511 111111	2	2	3-4-5-8	3
21JV6	19	45	60	2136664 666511	3	1	2-3-7-11	7	25B8	25	7	5	1233511 511115	4	3	*	3
21JZ6	19	52	79	2136566 666614	1	2	2-3-5-C	C	"	*1-3-4-5-6-8-C	7	10	1233511 511115	2	5	5	5
21KA6	19	19	90	2131511 111614	2	1	3-4-5-10-C	C	"	25	7	10	1233511 511115	2	5	5	5
21KQ6	19	30	75	5632166 611114	2	1	1-3-9-C	C	25BB14	25	100	50	5612136 661114	2	1	1-3-6-C	C
21LG6	19	7	70	2161561 166314	2	1	4-5-11-C	C	25BK5	25	44	30	4151216 311111	4	2	1-3-6-9	1
21LR8	19	70	73	1112111 451111	3	2	1-8-9	8	25BQ6	25	90	90	1163562 111114	1	2	4-5-8-C	C
"	19	25	25	6512143 111111	2	2	2-3-6-7	6	25BR3	25	0	50	6661266 641111	4	1	9-C	9
21LU8	19	70	70	2411111 115111	2	2	2-10-11	4	25C5	25	91	100	1521634 111111	2	1	1-2-6-7	7
"	19	90	90	2114156 311111	2	2	4-6-8-9	2	25C6	25	7	90	1233511 111111	4	1	3-4-5-8	3
21MY8	19	73	73	2411111 115111	2	2	2-10-11	4	25CA5	25	90	20	1512634 111111	2	2	1-2-6-7	7
"	19	90	90	2114156 311111	2	1	4-6-8-9	2	25CD6	25	85	76	1211511 311114	2	1	3-5-8-C	C
22BH3	19	0	80	6662164 611111	2	1	7-9	7	25CG3	25	0	65	2114661 666111	2	1	4-7	4
22BH9	19	0	40	1611214 111111	4	1	7-9	7	25CK3	25	0	60	1462166 611111	2	1	7-9	2
22BW3	19	0	75	2114111 116111	2	1	4-7	4	25CM3	25	0	91	6462166 611111	1	1	2-9	2
22DE4	19	0	80	6611411 211111	2	1	3-5	5	25CT3	25	0	64	6462166 611111	2	1	2-9	2
22JF6	19	40	45	3512166 611114	3	1	1-2-3-C	C	25CU6	25	90	90	1163562 111114	1	2	4-5-8-C	C
22JG6	19	60	77	3512166 641111	2	1	1-2-3-9	9	25DK3	25	0	67	1462166 661111	2	1	2-5	2
22JR6	19	50	52	3512166 641111	3	1	1-2-3-9	9	25DK4	25	0	70	1121461 111111	2	1	5-7	5
22JU6	19	60	80	6512163 161114	2	1	2-3-7-C	C	25DL3	25	0	67	6462166 611111	2	1	2-C	2
22KM6	19	36	50	3512166 111114	3	1	1-2-3-C	C	25DM6	25	71	62	1211511 311114	4	1	3-5-8-C	C
22KV6	19	70	70	3512166 141111	2	1	1-2-3-9	9	25DN6	25	75	95	1163562 111114	4	2	4-5-8-C	C
23J56	19	65	65	2131516 166614	2	1	2-3-5-C	C	25DT5	25	7	25	3651261 641111	2	2	1-3-7-9	9
23MB6	19	38	37	2136516 166614	1	2	2-3-5-C	C	25E5	25	55	10	6263511 111114	2	2	4-5-8-C	C
23Z9	19	35	35	2661461 536611	2	2	5-7-8-9	5	"	25	54	50	1211511 311114	3	1	3-5-8-C	C
"	19	60	65	2661161 665411	3	2	7-10-11	11	25EC6	25	47	47	1512634 111111	2	2	1-2-6-7	7
"	19	60	65	2451161 666611	3	2	2-3-7	2	25EH5	25	65	65	1521634 111111	2	2	1-2-6-7	7
24A	2.5	7	85	2431111 111115	4	3	2-3-4-C	C	25F5	25	65	65	1521634 111111	2	2	1-2-6-7	7

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
25GB6	25	90	90	163562	2	1	4-5-8-C	C	28D7	25	90	10	1666415	1	3	5-6-7	5
25HX5▲	25	75	75	5162136	1	2	1-2-6-9	9	"	25	90	10	211111	1	3	2-3-4-6	4
25JQ6	25	13	54	4632165	2	2	1-3-7-9	1	28G85	25	7	65	641111	3	1	1-3-7-9	9
25JZ8	25	40	35	2114156	2	2	4-6-8-9	4	28GB5▲	25	80	70	661114	2	1	2-3-6-C	C
"	25	70	70	241111	3	2	2-10-11	2	28HA6	25	67	50	661111	2	2	1-2-6-7	7
25L6	25	45	45	6143562	2	2	3-4-5-8	3	28HD5	25	60	30	666621	2	2	3-4-7	7
25LX6	25	35	35	2136516	1	2	2-3-5-C	C	29GK6	25	25	45	361111	3	2	1-2-7-8	7
25MP20	25	64	64	5112436	2	2	1-2-5-6	5	29KQ6▲	25	30	75	611114	2	1	1-3-9-C	C
25N6	25	7	5	1244511	4	2	3-4-5-8	3-4	29LE6▲	25	60	60	5632166	1	2	1-3-9-C	C
25RK19	25	0	70	6662166	2	1	9-C	9	30	2.0	7	77	235111	1	4	2-3	2
25S	2.0	7	10	2366511	2	5	2-3-4	2	30A5	25	7	54	1521634	2	2	1-2-6-7	7
"	2.0	7	10	2366511	4	6	3-4	3-4	30AE3	25	0	35	6662166	3	2	9-C	9
25W4	25	0	40	6611411	3	1	3-5	5	30AG11	25	0	7	666611	1	2	2-3	3
25W6	25	45	45	6143562	2	2	3-4-5-8	3	"	25	84	34	2661546	1	3	4-5-6	6
25X6	25	0	75	1251311	4	1	3-4-5-8	5	"	25	84	34	516611	1	3	7-8-9	7
"	25	0	75	1231111	4	1	3	3	"	25	0	7	2666666	1	3	10-11	10
25Y5	25	0	85	2511311	4	1	2-3-4-5	5	30C18	7.5	70	75	6342165	1	2	2-3-7-8	3
"	25	0	85	2311111	4	1	2-3	2	30C18	7.5	30	30	4612166	3	2	1-8-9	1
25Z5	25	0	71	1416621	4	1	2-3	2	30CW5	25	7	50	6511264	2	2	2-3-7-9	7
"	25	0	71	1661421	4	1	4-5	5	30HD5	25	40	80	1151364	1	2	3-4-7	7
25Z6	25	0	45	6141612	4	1	3-4	3	30HJ5	25	70	70	2156364	2	1	2-3-5-7	7
"	25	0	45	6166412	4	1	5-8	5	30JZ6	25	52	79	2136511	2	1	2-3-5-C	C
26	1.4	7	50	2351111	4	3	2-3	2	30KD6	25	45	40	2131516	2	1	2-3-5-C	C
26A6	25	7	28	5121431	3	3	1-2-7	5	30KG6▲	25	50	50	5632166	2	1	1-3-9-C	C
26A7	25	7	78	5154321	1	2	*	4-8	30LW6	25	60	80	6136562	2	1	2-3-5-C	C
26AQ8	25	80	80	6662145	2	2	6-7-8	6	30MB6	25	38	37	2136516	1	2	2-3-5-C	C
"	25	80	80	4512166	2	2	1-2-3	1	30MP23	25	88	94	1521634	2	1	1-2-6-7	7
26BK6	25	7	90	5121663	4	4	1-2-5-6	7	30MP27	25	86	94	1521634	2	1	1-2-6-7	7
"	25	7	20	5121663	4	6	5-6	5-6	30PL12	12.6	15	15	6152143	2	2	2-3-6-7	6
26C6	25	7	96	5121664	4	2	1-2-5-6-7	7	"	12.6	20	20	5662166	2	4	1-8-9	9
"	25	7	25	5121664	4	6	5-6	5-6	31	2.0	7	92	2351111	4	2	2-3	2
26D6	25	7	84	1121431	4	3	2-5-6	7	31AL10	19	90	94	1664321	1	2	4-5-7-8	4
"	25	7	44	1121431	4	3	6	6	"	19	43	75	1451621	1	3	2-3-7	2
26DQ5	25	55	55	5213661	2	1	1-3-4-C	C	"	19	50	84	111121	1	3	9-10-11	9
26E6	25	25	76	1243511	4	1	3-4-5-8	3	31JS6	25	65	65	2131516	2	1	2-3-5-C	C
26HU5	25	41	72	5131662	2	1	1-2-3-C	C	31LQ6	25	60	70	3512166	1	2	1-2-3-C	C
26HV5	25	65	75	2531664	3	2	2-3-4-7	7	31LR8	25	70	73	1112111	1	2	1-8-9	8
26LW6	25	60	80	6136562	2	1	2-3-5-C	C	"	25	25	25	6512143	2	2	2-3-6-7	6
26Z5	25	0	25	1112131	2	2	1-6	6	31LZ6	25	65	50	3512166	1	2	1-2-3-C	C
"	25	0	25	3112111	2	2	1-3-4	1	32	2.0	7	58	2431111	2	4	2-3-C	2
27	2.5	7	66	2351111	4	3	2-3-4	2	32A8	25	85	85	5662166	3	2	1-8-9	9
27GB5▲	25	80	70	6512136	2	1	2-3-6-C	C	32ET5	25	30	55	6152143	2	2	2-3-6-7	6
27KG6▲	25	50	50	5632166	2	1	1-3-9-C	C	32GA7	35	60	60	1521634	2	2	1-2-6-7	7
27LF6	25	25	25	2131516	1	2	2-3-5-C	C	"	35	70	60	2365164	3	1	2-4-5-7	7

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
50X6	50	0	1141J66	4	1	2-3	3	117M7	117	0	1211131	4	1	1-6	6
"	50	0	1661141	4	1	6-7	6	"	117	30	1235311	3	2	3-4-5-6-8	3
50Y6	50	0	6141612	4	1	3-4	3	117P7	117	50	1235311	3	1	4-5-6	3
"	50	0	6166412	4	1	5-8	5	117Z3	117	0	6121311	4	1	5-6	5
50Y7	50	0	1141662	4	1	3-4	4	117Z4	117	0	1211311	4	1	5-8	5
"	50	0	1166462	4	1	5-8	4	VRI50	70	0	1211311	4	2	5	5
50Z7	50	0	1251361	4	1	3-4-5-8	5	150C2	117	0	2161666	1	3	1	1
"	50	0	1231161	4	1	3	3	150C3	70	0	1211311	4	2	5	5
51	2.0	28	2431111	3	3	2-3-4-C	2	182B	5.0	7	2351111	4	2	2-3	2
52	6.3	7	2453111	4	2	2-3-4	2	183B	5.0	7	2351111	4	2	2-3	2
53	2.5	16	2451541	2	4	2-3-4-5-6	2-6	403B	6.3	35	5121436	2	3	1-2-5-6	5
53HK7	50	0	2411166	2	1	2-4	2	407A	35	85	2111645	2	2	6-7-8	6
"	50	62	2111466	2	1	5-8-9-11	5	"	35	85	2154611	2	2	2-3-4	4
55	2.5	25	2366111	3	3	2-3-4-5-6	3-4	482B	5.0	7	2351111	4	2	2-3	2
"	2.5	7	2366111	4	6	3-4	2	483	5.0	7	2351111	4	2	2-3	2
56	2.5	7	2351111	4	3	2-3-4	2	484	2.8	17	2451111	2	3	3-4	2
57	2.5	15	2431111	2	4	2-3-5-C	2	485	2.8	17	2451111	2	3	3-4	2
58	2.5	34	2431111	3	3	2-3-5-C	2	502X	6.3	0	1231211	4	1	3-5-8	3
58HE7	50	0	2461166	1	1	2-4	2	"	6.3	0	1231111	4	1	3	3
"	50	17	2161466	2	1	5-8-9-11	5	CK512AX	.625	7	3325111	2	5	1-2	1
59	2.5	50	2435111	4	2	2-3-4-6	2	CK526AX	1.25	40	4325111	2	3	1-2-4	1
60FX5	50	55	1512634	2	2	1-2-6-7	7	CK533AX	1.25	7	3325111	1	5	1-2-4	1
KT66	6.3	65	1143562	2	2	3-4-5-8	3	802	6.3	25	2645111	3	2	4-5-6	2
70L7	70	7	1233511	4	1	1-3-4-6-8	3	807	6.3	45	2351111	3	1	2-3-4-C	C
"	70	0	1213561	4	1	8	8	816	25	0	2111111	4	1	C	C
71A	5.0	7	2351111	4	2	2-3	2	864	1.25	7	2351111	4	3	C	C
76	6.3	7	2351111	4	3	2-3-4	2	866	2.5	0	2111111	4	1	C	C
77	6.3	7	2431111	4	3	2-3-5-C	2	879	2.5	0	2111111	4	3	C	C
79	6.3	66	2451411	3	3	2-3-4-5-C	5	TJ880	6.3	44	1511264	2	2	1-2-7-8	7
"	6.3	66	2451111	3	3	2	2	950	2.0	50	2453111	2	3	2-3	2
80	5.0	0	2411111	1	2	3-4-5-6-8	2	955	6.3	21	2135111	3	3	3-5	2
"	5.0	0	2141111	1	2	2-3-4	3	957	1.25	7	2131111	4	4	3	2
81	7.5	0	2411111	4	1	2-3	2	958	1.25	7	2135116	4	3	2	2
82	2.5	0	2131111	4	1	2	3	1201	6.3	16	5241666	2	3	1-3-4	3
"	2.5	0	2311111	4	1	2-3-4	3	1203A	6.3	0	2113111	1	3	4-7	4
83V	5.0	0	2131111	4	1	2	2	1232	6.3	7	2431651	4	3	2-3-6-7	7
"	5.0	0	2311111	4	1	2	2	1267	0	0	1311413	4	2	7	5
84	6.3	0	1461211	4	1	2-4	2	1274	6.3	0	1211413	4	1	5-8	5
"	6.3	0	1641211	4	1	3-4	3	"	6.3	0	6161412	4	1	3-8	5
85	6.3	35	2366111	3	3	2-3-4-5-C	2	1275	5.0	0	1462111	4	1	2	2
"	6.3	7	2366111	4	6	3-4	3-4	1276	4.2	7	1432111	4	2	3	3
85A2	25	0	4266666	1	3	3-4	1	1280	12.6	7	1431151	2	4	2-3-6-7	2
KT88	95	95	1143562	1	3	3-4-5-8	3	1284	12.6	7	1431151	2	4	2-3-6-7	2
89	7	85	2431111	4	2	2-3-5-C	2					4	2	2	2
108C1	0	0	4166666	2	3	1	1					4	2	2	2
11L7	117	0	1211131	4	1	1-6	6					4	2	2	2
"	117	30	1235311	4	3	3-4-5-6-8	3					4	2	2	2

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	PL.	GR.	LEVERS	V	S	LEAK	MERIT
1291	2.8	45	2356153	3	3	2-3-6	7	5718	6.3	10	95	2	2	1-5-8	8			5616126	2	2	1-5-8	8
1293	1.4	20	1411651	2	3	2-6	2	5719	6.3	7	83	1	4	1-5-8	8			5616126	1	4	1-5-8	8
1294	1.4	7	1114111	4	6	4-7	4	5722	5.0	40	50	2	2	1-1-1-1-1	1			4112166	2	2	1-1-1-1-1	1
1299	1.4	29	1434156	2	3	2-3-6	2	5725	6.3	22	65	2	3	1-2-5-6	5			5121431	2	3	1-2-5-6	5
1602	1.5	7	2351111	4	3	3	2	5726	6.3	88	58	1	6	1-2-5-7	2-7			1521115	1	6	1-2-5-7	2-7
1603	6.3	16	2431111	2	4	4-5-6	2	5727	6.3	0	100	1	1	1-2-5-6	6			5121346	1	1	1-2-5-6	6
1609	1.25	7	2453111	2	4	2-3	2	5749	6.3	40	90	3	2	1-5-6-7	5			5112431	3	2	1-5-6-7	5
1611	6.3	45	1243511	3	2	3-4-5-8	3	5750	6.3	7	65	2	4	1-2-5-6-7	5			5121431	2	4	1-2-5-6-7	5
1612	6.3	7	1143112	4	3	3-4-8-C	3	5751	12.6	20	50	2	4	1-2-3	1			4511266	2	4	1-2-3	1
1614	6.3	91	6143562	4	1	3-4-5-8	3	CK5755	12.6	20	50	2	4	6-7-8	1			6661245	2	4	6-7-8	1
1619	2.5	25	1244511	4	2	5-8	3	5840	12.6	83	40	1	4	1-2-3	1			4152166	1	4	1-2-3	1
1620	6.3	16	1243111	2	4	5-8-C	3	5763	6.3	70	92	4	1	3-7-8	1			1112151	4	4	3-7-8	1
1621	6.3	25	1244511	4	2	1-3-5-8	3	5814	6.3	20	80	3	2	1-2-3	1			4112131	4	2	1-2-3	1
1625	12.6	15	1135112	4	1	3-4-6-C	C	"	12.6	20	84	3	2	6-7-8	6			6661245	3	2	6-7-8	6
1626	12.6	20	1141512	4	2	3-5-8	3	5823	70	0	70	3	1	3-5-8	1			4626616	3	1	3-5-8	1
1628	12.6	15	1241511	3	2	3-5-8	3	5824	25	7	35	2	2	3-4-5-8	3			6143562	2	2	3-4-5-8	3
1629	12.6	23	1244511	4	3	3-4-5-8	3-6	5840	6.3	7	85	2	3	1-2-5-7	5			5116423	2	3	1-2-5-7	5
1635	6.3	20	1145542	3	3	2-3-5-6	5	5842	6.3	7	95	2	2	1-4-6	1			4115616	2	2	1-4-6	1
1642	6.3	23	2135311	3	3	3	3	5844	6.3	70	65	2	2	1-6-7	1			4612651	2	2	1-6-7	1
1852	6.3	13	1215131	4	2	3-4-5	8	"	6.3	70	65	2	2	2-5-7	1			6412561	2	2	2-5-7	1
1853	6.3	40	1215131	3	2	3-4-5	8	5845	5.0	7	95	1	3	5	5			6112416	1	3	5	5
2050	6.3	0	1161632	1	3	6-8	6	5847	5.0	7	95	2	2	1-4-6-8	1			4112616	1	3	1-4-6-8	1
5618	2.8	10	1431252	2	3	2-3-4-6	2	5851	6.3	18	90	2	2	3-6-8	3			5111141	2	2	3-6-8	3
5636	6.3	7	511423	2	4	1-2-5-7	5	5871	6.3	21	98	4	1	1-2-5-7	5			1111111	4	1	1-2-5-7	5
5639	6.3	80	5116423	2	3	2-5	5	5879	6.3	45	60	3	3	3-4-5-8	3			6143562	3	3	3-4-5-8	3
5641	6.3	0	1416121	4	2	C	C	5881	6.3	35	82	2	2	1-3-7-8	3			5111213	2	2	1-3-7-8	3
5642	1.25	0	1111111	1	3	1	1	5881	6.3	0	75	1	3	3-4-5-8	3			6143562	4	1	3-4-5-8	3
5644	6.3	0	4116111	3	2	1	1	5896	6.3	0	75	2	2	5-7	5			6611421	2	2	5-7	5
5651	0	73	4166666	2	2	1	1	5899	6.3	50	40	2	2	1-2	1			4111626	2	2	1-2	1
5654	6.3	22	5121436	2	3	1-2-5-6	5	5902	6.3	7	80	2	3	1-2-5-6	5			5116423	2	3	1-2-5-6	5
5663	6.3	0	1121314	1	1	1-7	7	5903	25	0	95	2	3	1-7	7			6611421	2	3	1-7	7
5670	6.3	30	2154145	2	3	*	4-6	"	25	0	95	2	3	1-2-3	1			4111626	2	3	1-2-3	1
CK5672	1.25	55	4325111	2	3	1-2	1	5904	25	10	95	1	3	1-2	1			5616126	1	3	1-2	1
5678	1.25	23	4315211	1	5	1-2-4	1	5905	25	15	95	1	3	1-2-4	1			5116423	1	3	1-2-4	1
5686	6.3	40	1562134	3	2	1-2-6-7	7	5906	25	7	70	2	2	1-2-6-7	7			5116423	2	2	1-2-6-7	7
5687	6.3	7	4511266	1	3	1-2-3	1	5907	25	7	95	1	1	1-2-3	1			5116423	1	3	1-2-3	1
5691	6.3	7	6661215	1	3	6-7-9	5	5908	1.4	7	80	1	3	6-7-9	5			5111423	1	4	6-7-9	5
"	6.3	20	1115412	3	3	4-5-6	2	5910	6.3	7	56	3	3	4-5-6	2			1431652	3	3	4-5-6	2
"	6.3	20	5411112	3	3	1-2-3	2	5915	25	15	60	2	2	1-2-3	2			5121431	2	2	1-2-3	2
5692	6.3	15	5411112	2	3	1-2-3	2	5916	25	15	60	2	2	1-2-3	2			511423	2	2	1-2-3	2
"	6.3	15	1115412	2	3	4-5-6	5	5930	2.5	17	82	4	1	4-5-6	5			2351111	4	1	4-5-6	5
5693	6.3	20	6115132	2	4	4-5-6-8	8	5931	5.0	0	35	4	1	4-5-6-8	8			1214111	4	1	4-5-6-8	8
5696	6.3	0	5112346	1	1	1-2-5-6	6	"	5.0	0	35	1	1	1-2-5-6	6			1211141	1	1	1-2-5-6	6

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
5932	6.3	35	82	6143562	4	1	3-4-5-8	3	6110	6.3	40	50	6611421	2	2	5-7	5
5933	6.3	15	91	1351211	4	1	2-3-4-C	C	"	6.3	40	50	4111626	2	2	1-2	1
5963	12.6	20	15	1112145	2	3	6-7-8	6	6111	6.3	85	60	6616125	2	2	5-7-8	8
"	12.6	20	15	4512111	2	3	1-2-3	1	"	6.3	85	60	4511626	2	2	1-2-4	1
5964	6.3	45	45	6412561	3	2	2-5-7	2	6112	6.3	7	53	6616125	2	4	5-7-8	8
"	6.3	45	45	4612651	3	2	1-6-7	1	"	6.3	7	45	4511626	2	4	1-2-4	8
5965	12.6	20	50	6661245	4	2	6-7-8	6	6118	6.3	85	60	1146612	2	2	3-8-C	3
"	12.6	20	40	4511266	4	2	1-2-3	1	"	6.3	85	60	1165512	2	2	4-5-8	4-5
5968	1.4	10	90	4152666	1	5	1-3	1	6134	6.3	13	87	1215131	4	2	3-4-5	8
"	1.4	10	90	6162656	1	5	6-8	8	6135	6.3	40	95	4612651	3	2	1-6-7	1
5969	1.4	7	50	1534466	2	3	2-3-4-5	4-5	6136	6.3	60	5	5112331	3	3	1-6-7	1
5970	1.4	10	90	1534466	1	4	2-3-4-5	4-5	6137	6.3	15	13	1215131	3	3	3-4-5-6	8
5977	6.3	10	95	5616126	2	2	1-5-8	8	6145	6.3	7	45	1431151	2	2	2-3-6-7	2
5987	6.3	80	10	5416121	2	3	1-2-5	2	6146	6.3	40	20	1136562	2	2	1-3-5-C	C
5998	6.3	7	45	1115412	1	1	4-5-6	5	6147	1.25	50	75	1141632	2	3	3-6-8	3
"	6.3	7	45	5411112	1	1	1-2-3	5	6159	25	40	90	1236561	3	1	1-3-5-C	C
6000	25	0	0	5111412	2	3	1-3-5-8	2	6186	6.3	16	81	5121436	4	3	1-2-5-6	5
6005	6.3	20	40	5112436	1	1	1-2-5-6	5	6188	6.3	7	88	5112431	4	4	1-2-5-6	5
6012	6.3	0	70	1251411	2	1	1-3-5-8	5	"	6.3	7	88	1115412	2	3	4-5-6	5
6021	6.3	7	60	6616125	2	3	5-7-8	8	"	6.3	7	88	5411112	2	3	1-2-3	2
"	6.3	7	70	4511616	2	3	1-2-4	1	6189	6.3	45	18	6661245	2	3	6-7-8	6
6028	19	7	95	5121436	2	3	1-2-5-6	5	6201	12.6	20	60	4511266	2	3	1-2-3	1
6072	12.6	16	98	3512135	3	3	2-3-7-8	1-6	"	12.6	20	65	6661245	2	3	6-7-8	6
6073	117	0	10	2161666	1	3	1	1	6202	6.3	0	86	5121131	4	1	1-6-7	1
6074	0	0	67	4166666	1	3	1	1	"	6.3	0	86	3121111	4	1	1-6-7	1
6080	6.3	15	10	5411112	2	1	1-2-3	2	6205	6.3	25	50	5111423	2	3	1-2-5-7	5
"	6.3	15	10	1115412	2	1	4-5-6	5	6206	6.3	50	50	5111423	3	3	1-2-5-7	5
6082	25	7	50	1115412	4	1	4-5-6	5	6211	12.6	25	10	4512111	2	3	1-2-3	1
"	25	7	50	5411112	2	1	1-2-3	2	"	12.6	25	10	1112145	2	3	6-7-8	6
6084	6.3	75	32	3612146	2	3	1-3-6-9	6	6216	6.3	20	50	4511263	2	2	1-2-3-7	1
6085	12.6	46	27	4512111	2	3	1-2-3	1	6227	6.3	55	55	1512114	3	2	2-3-7-8	7
"	12.6	46	27	1112145	2	3	6-7-8	6	6265	6.3	45	42	5121431	3	3	1-2-5-6-7	5
6087	5.0	0	55	1214111	4	1	4-6	4	6267	6.3	20	30	3112141	4	3	1-3-6-9	6
"	5.0	0	55	1211141	4	1	4-6	6	CK6293	6.3	18	33	1236561	2	2	1-3-5-C	C
6095	6.3	67	20	5112436	2	3	1-2-5-6	5	6336	6.3	7	45	1115412	1	1	4-5-6	5
6096	6.3	67	20	5112436	2	3	1-2-5-6	5	"	6.3	7	45	5411112	1	1	1-2-3	2
6097	6.3	88	68	1521111	1	6	1-2-5-7	2	6350	6.3	55	55	4151166	2	2	1-2-3	1
"	6.3	88	68	6621115	1	6	5-7	7	"	6.3	55	55	6661141	2	2	6-7-8	6
6098	6.3	7	73	1141315	4	1	1-3-5-7	3	6352	2.8	15	90	1666424	1	4	5-7	5-7
6099	6.3	23	35	6412561	2	3	1-3-5-7	2	6354	0	20	70	4166666	4	4	1	1
"	6.3	23	35	4612651	2	3	1-6-7	1	6360	12.6	35	50	5162143	3	2	1-2-6-7	6
6100	6.3	40	15	4612651	2	3	1-6-7	1	"	12.6	35	50	6152113	3	2	2-3-7-8	8
6101	6.3	23	35	6412561	2	3	2-5-7	2	6386	6.3	75	75	2154145	2	2	*	4-6
"	6.3	23	35	4612651	2	3	1-6-7	1	"	25	7	45	1115412	1	1	4-5-6	5
6106	5.0	0	55	1211141	4	1	4-6	6	6394	25	7	45	5411112	1	1	1-2-3	2
"	5.0	0	55	1214111	4	1	4	4	"	25	7	45	1111111	1	1	1-2-3	2

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
6463	12.6	25	25	4152111	3	2	1-2-3	1	6854	6.3	7	72	1154611	2	2	2-3-4	4
"	12.6	25	25	1112141	3	2	6-7-8	6	"	6.3	7	72	1111645	2	2	6-7-8	6
6485	6.3	33	75	5112421	3	2	1-5-6-7	5	6870	12.6	7	40	1511214	1	3	1-2-7-8	7
6486	6.3	35	90	5111423	2	3	1-2-5-7	5	6877	6.3	7	40	5114261	1	3	1-4-8	4
6516	6.3	65	90	5112413	1	2	1-2-5-7	5	6883	12.6	40	40	1136562	2	2	1-3-5-C	C
6520	6.3	7	70	1115412	2	1	4-5-6	5	6887	6.3	0	60	1421114	1	2	1-5-6-7	2-7
"	6.3	7	70	5411112	2	1	1-2-3	2	"	12.6	15	80	1136562	4	1	1-3-5-C	C
6528	6.3	7	45	1115412	1	1	4-5-6	5	6900	6.3	40	30	6661215	2	2	6-7-9	9
"	6.3	7	45	5411112	1	1	1-2-3	2	"	6.3	40	30	4511266	2	2	1-2-5-7	1
6528A	6.3	7	83	5111423	2	3	1-2-5-7	5	6919	6.3	70	70	1521115	4	3	1-2-5-7	2-7
6550	6.3	15	90	1143512	3	1	3-4-5-8	3	6922	6.3	13	60	6661245	2	2	6-7-8	6
PL6574	6.3	0	100	2645361	1	1	3-4-5-8	3	6939	6.3	13	60	4511266	2	2	1-2-3	1
6626	0	0	10	4166666	3	2	1	1	"	12.6	50	60	6152163	3	2	2-3-8	8
"	0	0	10	4166666	3	2	1	1	"	12.6	50	60	5162143	3	2	2-6-7	6
6627	0	0	67	4166666	3	2	1	1	6943	6.3	7	20	5111423	2	2	1-2-5-7	5
6660	6.3	40	90	5112431	1	3	1-5-6-7	5	6944	6.3	7	25	5111423	2	2	1-2-5-7	5
6661	6.3	45	42	5121431	1	2	1-2-5-6	5	6945	6.3	15	60	5116423	2	2	1-2-5-7	5
6662	6.3	55	26	5121431	1	2	1-2-5-6	2	6946	6.3	7	40	5616126	1	3	1-5-8	8
6663	6.3	88	58	1521116	1	6	1-2	7	6947	6.3	7	40	6616125	1	3	5-7-8	8
"	6.3	88	58	1621115	1	6	5-7	7	"	6.3	10	37	4511626	1	3	1-2-4	1
6669	6.3	67	97	5112436	2	3	1-2-5-6	5	6948	6.3	15	10	6616125	1	5	5-7-8	8
6676	6.3	40	50	5121431	2	3	1-2-5-6	5	"	6.3	15	10	4511626	1	5	1-2-4	1
6677	6.3	70	40	1532141	3	2	1-2-7-8	7	6954	6.3	94	75	5121431	1	3	1-2-5-6	6
6678	6.3	40	88	4661266	3	2	1-8-9	1	6955	6.3	85	10	6661245	2	3	6-7-8	8
"	6.3	71	5	6531241	3	2	2-3-6-7	6	6968	6.3	85	10	4511266	2	3	1-2-3	3
6679	6.3	20	60	6661245	3	3	6-7-8	6	6973	6.3	0	60	5121436	2	3	1-2-5-6	6
"	6.3	20	55	4511266	2	3	1-2-3	1	"	6.3	50	50	3152161	3	2	1-3-7-9	9
6680	6.3	40	18	6661245	2	3	6-7-8	6	7001	6.3	20	50	5111423	2	2	1-2-5-7	5
"	6.3	40	18	4511266	2	3	1-2-3	1	7025	12.6	70	1	4512111	2	3	1-2-3	3
6681	6.3	15	80	6661245	2	4	6-7-8	6	"	12.6	70	1	1112145	2	3	6-7-8	3
6686	6.3	15	80	4511266	2	4	1-2-3	1	7027	6.3	90	90	3246561	4	1	1-3-5-8	5
6688	6.3	85	70	6512164	2	2	2-3-7-8-9	7	7032	6.3	25	0	5121431	2	4	1-2-5-6-7	7
6689	6.3	50	85	1562164	2	2	1-2-7-9	7	7036	6.3	35	35	5121431	2	3	1-2-5-6-7	5
"	6.3	7	65	3512146	2	3	1-2-3-6	6	7044	12.6	75	0	4511266	2	2	1-2-3	1
6690	6.3	7	80	4511626	2	3	1-2-4	1	"	12.6	75	0	6661215	2	2	6-7-9	9
"	6.3	7	80	6616425	2	3	5-7-8	5	7054	12.6	20	55	1511214	2	2	1-2-7-8	7
6788	6.3	7	70	5116423	2	4	1-2-5-7	5	7055	12.6	0	48	1321113	1	3	1-2-5-7	7
6792	6.3	4	95	1236531	4	4	1-3-6-8	C	7056	12.6	15	15	5121431	3	3	1-2-5-6	5
6814	6.3	30	75	5616126	4	2	1-5-8	8	7057	12.6	18	36	6661245	2	3	6-7-8	6
6829	12.6	20	80	3512135	4	2	2-3-7-8	1-6	"	12.6	15	34	4511266	2	3	1-2-3	1
6832	6.3	7	95	6616125	1	4	5-7-8	8	7058	12.6	13	93	4511266	2	4	1-2-3	1
"	6.3	7	95	4511626	1	4	1-2-4	1	7059	12.6	13	93	6661245	2	4	6-7-8	6
6840	12.6	60	90	4151266	1	2	1-2-3	6	"	12.6	50	100	6531241	3	2	2-3-6-7	7
6851	12.6	60	90	6661241	1	1	6-7-8	6	7061	12.6	15	30	4661266	2	3	1-8-9	9
6851	6.3	7	95	6661245	1	4	6-7-8	6	"	12.6	15	30	3651261	2	4	1-3-7-9	9
6853	6.3	7	95	4511266	1	4	1-2-3	1	"	12.6	60	97	641111	4	1	1-3-7-9	9
6853	5.0	0	40	1214141	1	4	4-6-8	4-6	"	12.6	60	97	641111	4	1	1-3-7-9	9

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
7105	12.6	7	0	1115412	2	1	4-5-6	5	7495	6.3	7	95	4611231	2	1	1-6-7-8	1
"	12.6	7	0	5411112	2	1	1-2-3	2	7496	6.3	80	10	5112431	2	3	1-5-6-7	5
7119	12.6	35	30	4512111	2	2	1-2-3	1	7498	6.3	83	10	5112413	2	3	1-2-5-7	5
"	12.6	35	30	1112115	2	2	6-7-9	9	7499	6.3	80	10	1511214	3	1	2-3-7-8	7
7137	6.3	70	88	6112654	1	2	2-6-7	7	7502	6.3	10	95	5121431	2	4	1-2-5-6-7	5
7150	6.3	32	40	4115266	2	2	1-3-4-9	1	7543	6.3	80	85	5612431	3	2	1-5-6-7	5
7167	12.6	7	90	5112436	2	3	1-2-5-6	5	7550	6.3	0	65	6616125	4	1	5-7-8	8
7189	6.3	35	90	6511264	2	2	2-3-7-9	7	"	6.3	0	65	4511626	4	1	1-2-4	1
7199	6.3	25	55	1432115	2	3	2-5-6-7	2	7551	12.6	7	50	1532141	4	2	1-2-3-7	6
"	6.3	25	45	4662166	3	2	1-8-9	1	7558	6.3	7	50	1532141	4	2	1-2-3-7	6
7212	6.3	30	50	1136562	2	2	1-5-5-C	C	7561	2.5	7	45	1143512	2	1	3-4-5-8	3
7227	25	50	95	1511214	1	2	2-3-7-8	7	7576	6.3	10	80	1546616	2	2	2-3-6	3
7233	6.3	7	90	6561246	1	1	2-6-8	6	7581	6.3	25	25	6143562	4	2	3-4-5-8	3
7236	6.3	70	36	1115412	4	1	4-5-6	5	7586	6.3	30	80	1415111	1	3	2-4-8	2
"	6.3	70	36	5411112	2	1	1-2-3	2	7587	6.3	90	15	1315111	1	3	2-4-8-C	C
7239	6.3	10	80	5161236	2	3	1-6-9-C	C	7591	6.3	85	50	1143152	1	2	3-4-5-6	3
7241	6.3	7	0	1111542	1	1	5-6	6	7631	6.3	50	50	1521115	1	6	1-2-5-7	2-7
7242	6.3	7	0	1111542	1	1	5-6	6	7643	6.3	50	58	4112111	3	2	1-8-9	1
7244	6.3	87	10	6412561	2	3	2-5-7	2	"	6.3	80	75	1532141	3	2	2-3-6-7	6
"	6.3	87	10	4612651	2	3	1-6-7	1	7687	6.3	15	40	6531241	2	3	2-3-6-7	6
7245	6.3	85	20	6112654	2	3	2-6-7	7	7693	6.3	15	40	4661266	2	3	1-8-9	1
7247	12.6	45	65	4512111	3	2	1-2-3	1	7694	6.3	60	30	5112431	2	3	1-2-5-6	5
"	12.6	55	65	1112145	2	3	6-7-8	6	"	6.3	80	10	5112431	2	3	1-2-5-6	5
7258	12.6	10	80	4511266	2	2	1-2-3	1	7695	50	70	80	3162151	3	1	1-6-7-9	9
"	12.6	10	80	6661243	2	2	6-7-8-9	6	7699	12.6	20	67	5152143	3	2	1-2-3-7	6-8
7308	6.3	84	84	4512111	1	2	1-2-3	1	7701	12.6	20	88	1562143	3	2	1-2-6-7	6
"	6.3	84	84	1112145	1	2	6-7-8	6	7716	12.6	7	80	1541266	3	2	1-2-3	3
7316	6.3	80	10	6661245	2	3	6-7-8	1	"	12.6	7	50	6661215	2	4	6-7-8-9	9
"	6.3	80	10	4511266	2	3	1-2-3	1	7717	6.3	15	0	5112436	3	3	1-2-5-6	5
7318	6.3	83	10	6661245	2	3	6-7-8	6	7719	12.6	15	100	4511266	3	2	1-2-3	1
"	6.3	83	10	4511266	2	3	1-2-3	1	7721	6.3	15	60	1561264	3	2	1-2-7-9	7
7320	6.3	45	85	6511264	4	1	2-3-7-9	7	7722	6.3	15	60	1561264	3	2	1-2-7-9	7
7355	6.3	7	16	1141152	4	2	3-5-6-8	3	7724	12.6	25	35	6661261	2	4	7-8-9	9
7358	6.3	7	50	1136562	1	1	1-3-5-C	C	"	12.6	0	25	1661246	1	2	1-6	6
7360	6.3	20	99	1352141	3	3	1-2-3-6	7	"	12.6	0	25	6411266	1	2	2-3	2
"	6.3	20	99	1352114	3	3	1-2-3-7	7	7728	6.3	20	60	6661245	2	3	6-7-8	6
7370	35	7	75	6661215	2	2	6-7-9	9	"	6.3	20	65	4511266	2	3	1-2-3	1
"	35	7	75	4511266	2	2	1-2-3	1	7729	6.3	15	80	6661245	2	4	6-7-8	6
7408	6.3	23	60	6143562	4	2	3-4-5-8	3	7730	6.3	15	80	4511266	2	4	1-2-3	1
7489	6.3	80	10	6661245	2	3	6-7-8	6	"	6.3	20	80	6661245	4	2	6-7-8	6
"	6.3	80	10	4511266	2	3	1-2-3	1	7731	6.3	20	80	4511266	4	2	1-2-3	1
7490	6.3	40	50	6661245	2	3	6-7-8	6	"	6.3	20	88	4661266	3	3	1-8-9	1
"	6.3	40	50	4511266	2	3	1-2-3	1	7732	6.3	7	5	6531241	3	3	2-3-6-7	6
7492	6.3	80	10	6661245	2	3	6-7-8	1	7733	6.3	40	90	5121431	2	3	1-2-5-6	5
"	6.3	80	10	4511266	2	3	1-2-3	1	"	12.6	15	55	1511214	3	3	1-2-7-8	7
7494	12.6	15	75	6661245	2	4	6-7-8	6	"	12.6	15	55	1511214	4	2	1-2-7-8	7
"	12.6	15	75	4511266	2	4	1-2-3	1	"	12.6	15	55	1511214	4	2	1-2-7-8	7

TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR.	PL.	LEVERS	V	S	LEAK	MERIT
7734	6.3	15	60	3661261 541111	2	3	1-2-8-9	9	9003	6.3	50	50	5121436 111111	2	3	1-2-5-6	5
"	6.3	10	18	6151246 661111	4	2	2-3-6	6	CY31	19	0	100	6266411 111111	1	1	5-8	5
7737	6.3	15	95	3661261 541111	3	2	1-7-8-9	9	DA90	1.25	7	21	1411662 111111	4	6	2-3	2
7738	6.3	60	100	4521166 111111	2	2	1-2-5	1	DAF92	1.4	20	60	1436152 111111	2	4	2	4
7751	6.3	82	82	6243511 111111	1	2	3-4-5-8	3	"	1.4	65	10	1115112 111111	3	5	4	4
7754	6.3	7	50	3161251 641111	2	1	1-6-7-9	3	DC90	1.4	37	97	1461562 111111	1	3	5	2
7759	25	40	50	6616125 411111	2	3	5-7-8	8	DCC90	2.8	15	63	1456662 111111	2	3	2-3	2
"	25	40	50	4511626 611111	2	3	1-2-4	1	"	2.8	15	84	1666542 111111	2	3	5-6	6
7760	25	10	85	6616125 411111	1	4	5-7-8	8	DF33	1.4	7	79	1143112 111115	4	4	3-4-C	3
"	25	10	85	4511626 611111	1	4	1-2-4	1	DF62	1.25	7	5	3315211 111111	2	4	2-4	7
7761	25	30	60	5116423 611111	2	2	1-2-5-7	5	DF91	1.4	7	85	1431652 111111	2	4	2-3-6	2
7762	25	60	30	5116423 611111	2	2	1-2-5-7	5	DF92	1.4	7	92	1435112 611111	4	3	2-3-6	2
7788	6.3	52	35	1562134 161111	2	2	1-2-6-7	7	"	1.4	7	70	1435612 111111	2	4	2-3-4	2
7861	12.6	80	20	1666145 121111	2	3	6-7-8	6	DF96	1.4	50	95	1436652 111111	1	4	3-6	2
"	12.6	80	20	1154166 621111	2	3	2-3-4	4	DF97	1.25	7	75	1431652 111111	2	4	2-3-6	2
7867	6.3	7	65	1211511 311114	2	1	3-5-8-C	9	DF904	1.4	7	60	1331152 111111	3	4	2-3-6	2
7868	6.3	85	85	3512166 141111	4	1	1-2-3-9	9	DH63	6.3	7	85	1246611 111115	2	4	4-5-8-C	3
7887	25	15	20	6616125 411111	3	3	5-7-8	8	DK91	1.4	7	70	1435612 111111	2	4	2-3-4	2
"	25	15	20	4511626 611111	3	3	1-2-4	1	"	1.4	40	20	1435352 111111	1	5	2-3-4-5-6	2
7888	25	13	20	5616126 411111	3	3	1-5-8	8	DL35	1.4	29	41	1233511 111111	2	3	3-5	3
7889	25	13	30	6616125 411111	1	4	5-7-8	8	DL91	1.4	7	44	1435162 111111	2	3	2-3-4	2
"	25	13	30	4511626 611111	1	4	1-2-4	1	DL92	2.8	7	40	1453662 111111	2	3	2-3-4	2
7895	6.3	45	40	1415111 112111	1	3	2-4-8	2	DL93	2.8	70	90	1435662 111111	2	2	2-3-4	2
7898	12.6	25	50	4511211 161111	2	3	1-2-3	1	"	2.8	30	34	2431651 111111	2	3	2	2
"	12.6	25	50	1111245 161111	2	3	6-7-8	6	DL94	2.8	35	29	1453662 111111	2	3	2-3-4	2
7905	6.3	55	30	1536641 621111	2	2	2-3-6	6	DL95	2.5	80	83	3652163 111111	2	3	1-3-7	7
7984	12.6	65	60	2166463 665611	3	1	2-5-7-10	5	DL98	1.4	100	70	5611211 411111	2	5	1	8
"	6.3	7	90	1546616 211111	2	2	2-3-6	3	DM70	1.4	100	70	5611211 411111	2	5	1	8
7994	6.3	82	20	1152614 311111	2	3	2-3-7-8	7	DM71	1.4	0	31	1261616 611113	2	4	C	C
8016	1.25	0	85	6261611 613111	2	4	C	C	DY86	1.4	0	31	1261616 611113	2	4	C	C
8032	12.6	96	89	1236511 611114	2	1	1-2-6-7	2	DY87	6.3	36	100	4132111 561111	1	2	1-3-7-8	1
8056	6.3	50	35	1415111 112111	1	4	2-4-8	2	E55LA	12.6	46	27	4512111 161111	2	3	1-2-3	1
8068	6.3	45	45	1211511 311114	3	2	3-5-8-C	C	E80CC	12.6	46	27	1112145 161111	2	3	6-7-8	6
8102	12.6	80	85	1112143 151111	3	2	6-7-8-9	6	"	6.3	75	32	3612146 151111	2	3	1-3-6-9	6
"	12.6	70	80	4152111 111111	2	2	1-2-3	1	E80F	6.3	55	55	1512114 311111	3	2	2-3-7-8	7
8106	12.6	60	60	4132165 661111	3	2	1-2-3-7	1	E80L	6.3	85	70	6512164 311111	2	2	2-3-7-8-9	7
8113	6.3	25	30	5121436 111111	2	3	1-2-5-6	5	E81L	6.3	70	90	3512141 111111	2	2	1-2-3-6	6
8156	12.6	35	55	2166466 665311	2	2	2-5-10-11	5	E83F	6.3	13	60	6661245 111111	2	2	6-7-8	6
8233▲	6.3	36	100	4132111 561111	1	2	1-3-7-8	1	E88CC	6.3	13	60	4511266 611111	2	2	1-2-3	1
8278▲	6.3	83	87	3162165 641111	1	2	1-2-7-9	9	"	6.3	50	85	1562164 631111	2	2	1-2-7-9	7
8393	12.6	20	10	1415111 111111	1	3	2-4-8	2	E180F	12.6	87	60	4512111 611111	1	2	1-2-3	1
8417	6.3	45	40	6143562 111111	2	2	2-3-5-8	3	E182CC	12.6	92	60	1112115 641111	1	2	6-7-9	9
8425	6.3	85	87	5112431 111111	3	2	1-5-6-7	5	"	6.3	80	84	4512111 111111	1	2	1-2-3	1
8552	12.6	77	100	1236561 111114	2	1	1-3-5-C	C	E188CC	6.3	80	84	1112145 111111	1	2	6-7-8	6
8908	6.3	24	55	6131512 111114	1	2	3-4-5-C	C	"	6.3	82	82	6243511 111111	1	2	3-4-5-8	3
9002	6.3	95	46	4121656 111111	1	3	1-2-6	1	E235L	6.3	52	35	1562134 161111	2	2	1-2-6-7	7
"	6.3	95	46	4121656 111111	1	3	1-2-6	1	E810F	6.3	52	35	1562134 161111	2	2	1-2-6-7	7

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
EAF801	6.3	76	3512146	2	2	1-2-3-6	6	ECL85	6.3	15	80	4	2	1-2-3	1
"	6.3	0	6612166	1	2	3-8	8	"	6.3	15	60	1	3	6-7-8-9	6
EBC33	6.3	10	6245611	1	2	3-5-8-C	3	ECL86	6.3	47	47	3	2	3-6-7-8	6
EBC41	6.3	15	1451661	4	3	4-5-6-7	2	"	6.3	30	90	3	3	1-2-9	9
"	6.3	15	1451661	4	6	5-6	5-6	ED500▲	6.3	60	15	4	5	1-8-C	C
EBF80	6.3	27	3512146	2	3	*	6	EF22	6.3	7	45	4	3	2-3-6-7	2
"	*1-2-3-6-7-8							EF37A	6.3	27	100	2	3	3-4-8-C	3
EBF83	6.3	7	3512146	4	6	7-8	7-8	EF80	6.3	7	88	2	3	1-2-7-8	7
"	6.3	20	3511246	2	3	1-2-3-6	6	EF85	6.3	45	60	2	3	1-2-7-8	7
"	6.3	0	1111214	2	3	7-8	7-8	EF86	6.3	20	30	4	3	1-3-6-9	6
EC80	6.3	7	5612116	4	2	1-3-9	9	EF89	6.3	35	40	2	3	2-3-7-8	7
EC86	6.3	55	4512166	2	2	1-2-3	1	EF91	6.3	18	50	3	3	1-2-5-7	5
EC90	6.3	25	4612651	2	3	1-6-7	1	EF92	6.3	25	70	3	3	1-2-5-7	5
EC97	6.3	7	6521461	3	2	2-5-7	5	EF93	6.3	75	75	3	2	1-5-6-7	5
EC900	6.3	90	5121466	1	2	1-2-5	2	EF95	6.3	35	52	2	3	1-2-5-6	5
ECC33	6.3	83	5411112	2	2	1-2-3	2	EF183	6.3	30	40	2	3	1-2-7-8	7
"	6.3	70	1115412	2	2	4-5-6	5	EF804S	6.3	60	60	2	3	3-7-8-9	7
ECC35	6.3	83	1115412	2	2	6-7-8	8	EFL200■	6.3	60	60	1	3	7-8-9-C	C
ECC86	6.3	31	1215631	3	3	3-4-6-8	6	"	6.3	85	80	1	3	1-2-3-4	4
"	6.3	20	6662145	1	3	6-7-8	1	EL34	6.3	30	95	4	1	3-4-5-8	3
ECC88	6.3	20	4512166	1	3	1-2-3	1	EL36	6.3	30	20	2	2	5-8-C	C
ECC91	6.3	55	5162166	1	2	1-2-8	2	EL37	6.3	35	82	4	1	3-4-5-8	3
"	6.3	20	6412561	2	3	2-5-7	1	EL38	6.3	55	70	2	2	4-5-8-C	C
"	6.3	20	4612651	2	3	1-6-7	3	EL82	6.3	40	50	2	3	2-3-7-9	7
ECC808	6.3	65	5142161	1	4	1-2-3	3	EL84	6.3	60	95	4	1	2-3-7-9	7
"	6.3	65	1112164	1	4	7-8-9	7	EL85	6.3	25	50	2	3	1-3-6-7-9	7
ECF80	6.3	35	4661266	2	2	1-8-9	1	EL90	6.3	70	34	3	2	1-2-5-6	5
"	6.3	50	6531241	4	2	2-3-6-7	6	EL95	6.3	7	92	3	2	1-2-6	5
ECF86	6.3	30	1561266	4	3	1-2-8-9	8	EL500▲	6.3	80	75	2	1	2-3-6-C	C
"	6.3	30	1661254	1	2	1-6-7	7	EL503▲	6.3	83	87	1	2	1-2-7-9	9
ECF200■	6.3	93	1661254	1	2	2-3-7-8	9	EL504▲	6.3	80	75	2	1	2-3-6-C	C
"	6.3	45	6151214	1	4	1-9-C	7	ELL80	6.3	55	55	3	2	1-2-3-6-7	3
"	6.3	45	1611216	1	4	1-9-C	7	"	6.3	55	55	3	2	6-7-8-9	8
ECF201■	6.3	65	1611216	1	4	2-3-7-8	7	EMS0	6.3	0	54	3	3	1-7-9	7
"	6.3	35	311111	1	4	1-9-C	7	"	6.3	0	54	3	3	7	7
"	6.3	50	1611216	1	3	1-9-C	C	EMS1	6.3	7	25	4	5	1-2-7-9	9
ECF801	6.3	46	1561243	2	3	1-2-6-7	6	EMS4	6.3	7	75	4	5	9	9
"	6.3	22	1661266	2	2	1-8-9	1	"	6.3	7	75	4	5	1-3-6-7-9	9
ECF802	6.3	85	4112111	3	2	1-8-9	6	EMS7	6.3	7	75	4	4	9	9
"	6.3	85	1532141	3	2	2-3-6-7	6	"	6.3	7	75	4	4	9	9
ECH35	6.3	82	6243661	2	3	3-4-8-C	3	EMS8	6.3	7	75	4	4	9	9
"	6.3	76	6246541	2	2	5-6-8	6	"	6.3	50	60	2	3	1-3-6-7-9	9
ECH83	6.3	7	3512135	1	4	1-2-3-6-7	8	EN32	6.3	50	100	2	3	9	9
"	6.3	7	121111	1	4	8-9	6	EN36	6.3	0	100	1	1	3-4-5-8	3
ECH84	6.3	64	1512143	1	4	2-3-6-7	6	EN91	6.3	0	58	1	1	1-2-5-6	6
"	6.3	40	6612166	1	3	3-8-9	8	EQ80	6.3	65	92	1	4	1-3-6	6
ECH200■	6.3	55	1111211	1	4	1-3-C	7	EY80	6.3	0	100	1	1	3-9	9
"	6.3	65	1153214	1	4	1-8-9	9	"	6.3	65	92	1	4	1-3-6	6
ECL82	6.3	70	5662166	3	2	1-8-9	9	"	6.3	0	100	1	1	3-9	9
"	6.3	30	6152143	2	2	2-3-6-7	6	"	6.3	0	100	1	1	3-9	9

TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT	TUBE	FIL.	GR. PL.	LEVERS	V	S	LEAK	MERIT
EY81	6.3	0	6662166	1	2	9-C	9	PABC90	9.0	17	82	2	3	1-2-3-7-8	9
EY82	6.3	0	6612166	4	1	3-9	9	"	9.0	0	98	1	1	1-2	1-2
EY86	6.3	0	1216661	2	3	C	C	PC86	3.8	75	40	2	2	1-2-3	1
EY500▲	6.3	0	6412166	2	1	2-C	3	PC900	4.2	90	96	1	2	1-2-5	5
EZ35	6.3	0	6141612	4	1	3-8	3	PCC84	6.3	7	22	2	3	1-2-3-6-7	3-9
"	6.3	0	6161412	4	1	5-8	5	PCC85	9.0	80	80	2	2	6-7-8	6
EZ80	6.3	0	4612166	2	1	1-3	1	"	9.0	80	80	2	2	1-2-3	1
"	6.3	0	6612164	2	1	3-7	7	PCC88	7.5	50	50	2	2	6-7-8	6
EZ81	6.3	0	4612166	2	1	1-3	1	"	7.5	50	50	2	2	1-2-3	1
"	6.3	0	6612164	2	1	3-7	7	PCC89	7.5	77	85	3	2	6-7-9	1
GY501▲	2.8	0	2666666	2	3	C	C	"	7.5	77	85	3	2	1-2-3	3
GZ32	5.0	0	1214111	2	1	4	4	PCF80	9.0	30	85	2	2	1-8-9	1
"	5.0	0	1211141	2	1	6	6	"	9.0	30	70	2	3	2-3-6-7	6
GZ34	5.0	0	1114161	4	1	4	4	PCF82	9.0	44	73	2	3	2-3-6-7	6
"	5.0	0	1116141	4	1	6	6	"	9.0	55	40	2	3	1-8-9	1
HCC85	12	7	4512145	3	3	2-3-7-8	1-6	PCF86	7.5	30	40	2	3	1-2-8-9	8
HL94	25	7	1521634	2	2	1-2-6-7	7	"	7.5	93	90	1	2	1-6-7	7
HY90	35	0	1112461	2	1	5-7	5	PCF200■	7.5	65	65	1	4	2-3-7-8	7
LC900	28	90	5121466	1	2	1-2-5	5	"	7.5	65	65	1	4	1-9-C	9
LCF80	6.3	50	6531241	4	2	2-3-6-7	6	PCF201■	7.5	35	40	1	4	2-3-7-8	7
"	6.3	35	4661266	2	2	1-8-9	1	"	7.5	50	50	1	2	1-9-C	9
LCF200■	6.3	65	1611216	1	4	1-9-C	9	PCF801	7.5	22	22	1	2	1-8-9	8
"	6.3	45	6151214	1	4	2-3-7-8	7	"	7.5	46	46	3	3	1-2-6-7	6
LCF201■	6.3	50	1611216	1	4	1-9-C	7	PCF802	9.0	30	20	3	3	1-8-9	1
"	6.3	35	6151214	1	4	2-3-7-8	9	"	9.0	30	40	3	3	2-3-6-7	6
LCF802	6.3	75	1532141	3	2	2-3-6-7	6	PCF805	6.3	70	75	3	2	2-3-7-8	3
"	6.3	65	4112111	3	2	1-8-9	1	"	6.3	30	30	3	2	1-8-9	1
LCH200■	5.0	65	1153214	1	4	1-3-4-7	7	PCH200■	9.0	55	55	1	3	8-9-C	C
"	5.0	55	1112111	1	3	8-9-C	C	"	9.0	65	65	1	4	1-3-4-7	7
LCL84	9.0	30	5412111	1	2	1-2-3	2	PCL82	12.6	20	20	2	4	1-8-9	7
"	9.0	30	1112141	2	3	6-7-8-9	6	"	12.6	15	15	3	2	2-3-6-7	6
LCL85	9.0	35	1112143	2	2	6-7-8-9	6	PCL85	19	35	45	2	2	6-7-8-9	6
"	9.0	60	4512111	3	2	1-2-3	1	"	19	60	75	3	2	1-2-3	1
LF183	4.2	30	1561214	2	3	1-2-7-8	7	PD500▲	9.0	60	15	4	5	1-8-C	C
LF184	4.2	53	1561214	3	2	1-2-7-8-9	7	PFL200■	12.6	60	60	1	3	7-8-9-C	C
LFL200■	9.0	60	1111211	1	3	7-8-9-C	C	"	12.6	85	80	1	3	1-2-3-4	4
LL86	9.0	85	5134211	1	3	1-2-3-4	4	PL36	25	15	15	2	2	4-5-8	C
LL500▲	19	80	6512164	2	1	2-3-7-9	7	PL81	19	61	93	2	1	2-3-9	C
"	19	80	6512136	2	1	2-3-6-C	C	PL500▲	25	80	70	2	1	2-3-6-C	C
LL509▲	25	50	5632166	2	1	1-3-9-C	C	PL504▲	25	80	70	2	1	2-3-6-C	C
LL521▲	19	30	5632166	2	1	1-3-9-C	C	PL505▲	35	50	50	2	1	1-3-9-C	C
LL802	9.0	48	1562134	2	2	1-2-6-7	7	PL521▲	25	30	75	2	1	1-3-9-C	C
N14	1.4	29	1233511	2	3	3-5	3	PL1267	0	0	50	4	2	7	5
N22LL▲	19	27	5612136	2	1	1-3-6-9	9	"	6.3	40	90	3	2	5	5
PABC80	9.0	17	6612161	2	3	1-2-3-7-8	1-2	PM04	19	0	20	1	2	1-5-6-7	9
"	9.0	0	4612161	1	1	1-2	1-2	PY81	19	0	20	1	2	9-C	9

