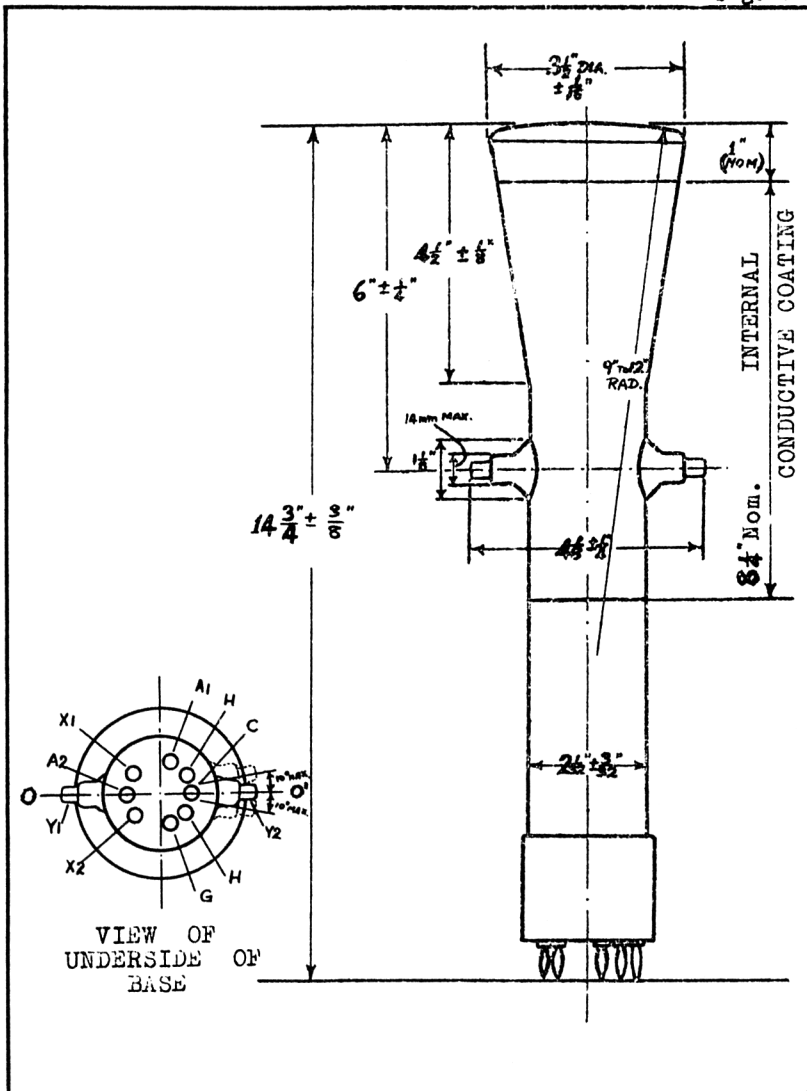


To be performed in addition to those applicable in K.1001

Test Conditions					Test	Limits		No. Tested	Note
						Min.	Max.		
a	See K1001/5A.13				CAPACITANCES (pF) (1) Each X plate to all other electrodes. (2) Each Y plate to all other electrodes. (3) Grid to all other electrodes. (4) One X plate to one Y plate.	- - - -	15 10 15 0.2	5%(5) 5%(5) 5%(5) 5%(5)	
b	Cathode 50V positive to Heater				Ihc (μA)	-	100	100%	
→ Deflection voltages shall be symmetrical in all cases									
	Vh	Va3 (KV)	Va2	Vg					
c	4	0	0	0	Ih (A)	1.08	1.32	100%	
d	4	1.2	adjusted for optimum focus	adjust for out-off	Vg (V) Value to be noted	-25	-50	100%	
e	4	1.2	ditto	adjust Vg adjusted to give a light output of 0.01 candelas on a close raster; drive voltage from out-off shall not exceed 20 volts.	Change in value of Vg from clause (d) (V)	-	20	100%	
f	4	1.2	ditto	adjust Vg adjusted to give a light output of 0.01 candelas	(1) Line width (mm)	-	1	100%	
					(2) Va2 (V)	125	175	100%	
g	4	1.2	ditto	reduce to zero	Beam current (μA)	40	-	100%	
h	4	1.2	Any convenient value Recommended method, see K1001/5A.3.2 Resistor = 10 Megohms	-50	GRID INSULATION (1) Leakage Current (μA)	-	5	100%	
					(2) Increase in volt-meter reading	-	100%	100%	
j	4	1.2	ditto	Any convenient value	DEFLECTION SENSITIVITIES (1) X plate (mm/V)	54.0/Va3	700/Va3	5%(10)	
					(2) Y plate (mm/V)	460/Va3	600/Va3	5%(10)	
k	4	1.2	ditto	ditto	Deviation of spot from centre of screen (mm)	-	10	100%	
l	4	1.2	ditto	ditto	USEFUL SCREEN AREA Diameter (mm)	70	-	100%	
					Deflections to cover the stated circle centred on the centre of the screen				

Test Conditions					Test	Limits		No. Tested	Note
						Min.	Max.		
	Vh	Va3 (KV)	Va2	Vg	Orientation of Y axis of deflection relative to OO' on the drawing				
m	4	1.2	Any convenient value	Any convenient value		-	$\pm 10^\circ$	100%	
n	4	1.2	ditto	ditto	Angle between X and Y axis of deflection	88°	92°	100%	



CV418/3/4