

To be performed in addition to those applicable in K 1003

	Test Conditions					Test	Limits		No. Tested	Note
	Vh	Va3	Va2	Va1	Vg		Min	Max.		
a	6.3	0	0	0	0	Ih (A)	0.5	0.6	100%	
b	6.3	2 kV	Adjust for optimum focus	2 kV	Adjust to cut-off	Vg (V)		-50	100%	
c	6.3	2 kV	do	2 kV	do	Difference in cut-off of each beam (V)		5	100%	
d	6.3	2 kV	do	2 kV		1. Vg (V) 2. Drop in brightness of each beam after deflection from screen (%) 3. With in the range of grid voltage from cut-off to standard light output, the beam current shall increase continuously. 4. Line width shall not be inferior to standard with identical raster. 5. Va2 (V)	-	-50	100%	1
e	6.3	2 kV	Adjust for optimum focus	2 kV	Any convenient value	Deviation of spot from centre of screen (mm)		7.5	100%	
f	6.3	2 kV	do	2 kV	do	Deflection sensitivities (mm/V)			100%	
						1. X Axis	$\frac{720}{Va3}$	$\frac{820}{Va3}$		
						2. Y Axis	$\frac{600}{Va3}$	$\frac{725}{Va3}$		

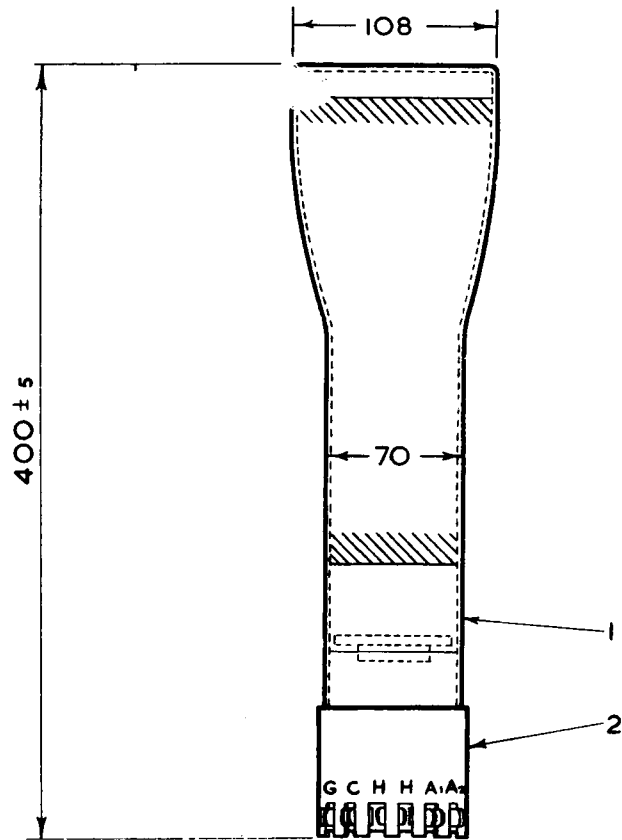
Vg adjusted to give light output of 2.0 E.F.C. on a 3 cmx 3 cm close raster.

All deflection plates connected to A 3

	Test Conditions					Test	Limits		No. Tested	Note
	Vh	Va3	Va2	Va1	Vg		Min	Max.		
g	6.3	2 kV	Any convenient value	2 kV	do	Angle between X & Y axis of deflection	88°	92°	100%	
h	6.3	2 kV	do	2 kV	do	1. Deviation of Y1 beam 2. Deviation of Y2 beam		1%	100%	
	Sawtooth voltage on X axis and Y2 plate, Y1 connected to A3. Repeat with Y2 connected to A3.									
j	6.3	2 kV	do	2 kV	do	Useful Screen area "X" axis (mm) "Y" axis (mm)	90 55		100%	
	6.3	2 kV	do	2 kV	do	The screen shall be uniform in colour and free from stain or patches.			100%	
	Deflecting field to give a raster covering the useful screen area.									
l	6.3	2 kV	do	2 kV	-50	Grid insulation (mA)	10			
m	4.0	0	0	0	50	Heater Cathode insulation Leakage current (µA)		200	100%	
p	6.3	4.5kV	Any convenient value	2 kV	Any convenient value	There shall be no persistent flash-over.			100%	

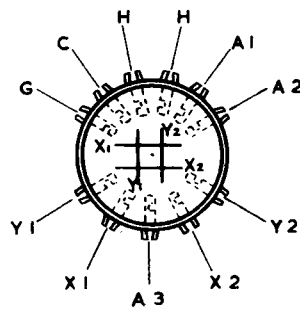
Notes

1. If burning occurs, raster may be increased in size and equivalent L.O. figure used.



OUTLINE
SCALE $\frac{1}{3}$ FS.

DIMENSIONS IN mm.



LOOKING AT BASE END OF TUBE