

Specification No. MOS/CV19/6

Dated : 25.9.45.

To be read in conjunction with K1001.

SECURITY

Specification

Valve

Restricted

Restricted

Indicates a change.

TYPE OF VALVE : Half-wave rectifier

CATHODE : Directly heated

ENVELOPE : Glass

COMMERCIAL PROTOTYPE : M.O.V. EHT.1.

MARKING

As in K1001/4

RATING

Note

Filament volts

17.0

Filament current (A)

10.0

Max. Peak Inverse Voltage (kV)

63

BASE

See drawing  
for base and connections

DIMENSIONS

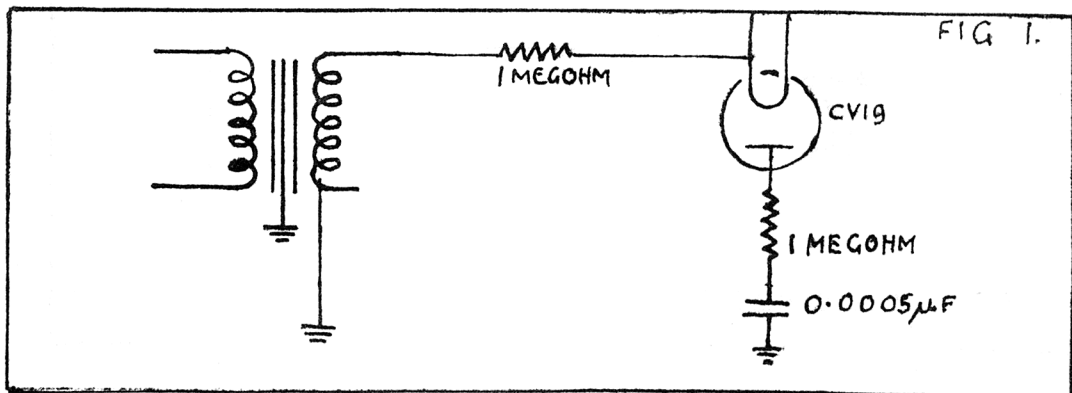
See drawing

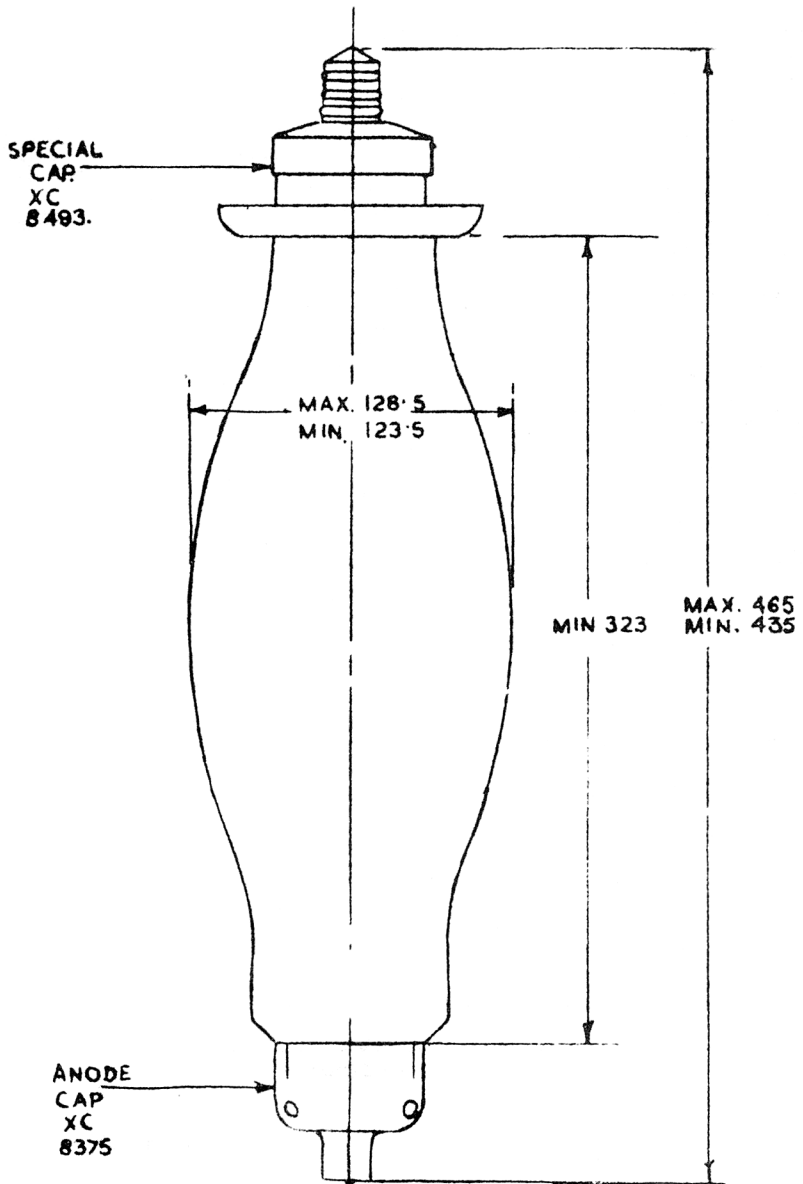
### TESTS

To be performed in addition to those applicable in K1001

	Test Conditions			Test	Limits		No. Tested
	Vf	Va	Ia (mA)		Min.	Max.	
a	17.0	-	-	If (A)	9.5	10.5	100%
b	17.0	2000 max.	-	Peak Ia (mA), see Note 1.	800	-	5%
c	Vary	2000	100	<u>Dissipation</u> Ia adjusted to 100mA by filament control and maintained for 10 min. Vf to obtain a steady value.	-	-	5%
d	17.0	Valve to be tested in circuit of Fig.1. Volts to be raised gradually to a peak inverse voltage of 80kV across valve. This voltage to be maintained for 2 mins. during which time there must be no internal discharge in valve. (Small discharges are permitted while volts are being raised).					100%

Note 1. Tests to be carried out in an approved Emission Testing apparatus.



OUTLINE DIMENSIONS.ALL DIMENSIONS ARE IN MILLIMETRES.