

Specification MAP/CV45/Issue 4 Dated 28.8.46. To be read in conjunction with K1001 ignoring clauses 5.2, 5.8.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

→ Indicates a change

<u>TYPE OF VALVE</u> - Three electrode, gas filled voltage stabiliser  <u>CATHODE</u> - Cold  <u>ENVELOPE</u> - Glass-unmetallised			<u>MARKING</u> See K1001/4				
<u>RATING</u>		Note  A  A	<u>BASE</u>				
Max. Striking Voltage (V) 135 Max. Space Current (mA) 75 Normal Stabilised Voltage (V) 120			B4  Pin      Electrode				
			1      Anode 2      Cathode 3      No connection 4      Priming Anode				
<u>NOTE</u>  A. These conditions apply with the priming electrode connected to 190 volts positive through 50,000 Ω.			<u>DIMENSIONS</u>				
			See K1001/A1/D1.				
			Dimensions		Min.	Max.	
A	(mm)	113	125				
B	(mm)	44	52				

To be performed in addition to those applicable in K1001

	Test Conditions			Test	Limits		No. Tested
	Priming Anode Voltage	Main Anode Voltage	Main Anode Current (mA)		Min.	Max.	
a	190 through 50,000 $\Omega$	0	-	The valve must conduct			100%
b	As in clause 'a'	increased until current flows	-	Striking Voltage (V)	-	135	100%
c	As in clause 'a'	adjusted to give required cathode current	75	Voltage drop between main anode and cathode after running for 15 mins. under the conditions given. See Note 1	115	135	100%
d	As in clause 'a'	adjusted to give required cathode current	10	Alteration in value of voltage drop between main anode and cathode from that found in test clause 'c'	-	10	100%

NOTE

1. If preferred the fifteen minutes run may be done on a separate pre-heating unit, and 1% of the valves submitted to the complete test as defined in test clause 'c'.