

Specification MAP/CV317/Issue 3 Dated 19.1.49. To be read in conjunction with K.1001 ignoring clauses:- 5.2, 5.8.	<u>SECURITY</u> <u>Specification</u> RESTRICTED <i>Unclassified</i>	<u>Valve</u> UNCLASSIFIED
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→ Indicates a change

<u>TYPE OF VALVE</u> - Half wave vacuum rectifier			<u>MARKING</u> See K1001/4	
<u>CATHODE</u> - Indirectly heated			<u>PACKING</u> See K1005	
<u>ENVELOPE</u> - Glass				
<u>RATING</u>			<u>BASE</u> B9G	

NOTES

- A:- Heater voltage must be applied at least 1 minute before application of anode voltage.
- B:- All contacts in the valve holder must be connected including the sole plate which should be joined to cathode.

CV317

TESTS

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

Clause	Test Conditions		Test	Limits		No. Tested	Note
	V _h	V _a		Min.	Max.		
a	4.0 AC or DC	-	I _h (A)	-	2.0	100% or S	
b	4.0 AC or DC	60 D.C. max.	I _a (mA)	80	-	100%	1
c	4.0	5.0 kV. RMS. 50 cps. Nominal DC load current 60 mA, reservoir condenser 1.0 μ F and effective series resistance introduced externally 4000 ohms. H.T. voltage to be applied 1 min. after application of V _h . After a further 10 secs. the H.T. shall be switched three times, 5 secs on and 5 secs. off.	<u>LOAD TEST</u> Reject for softness or persistent flash-over.			100%	

NOTE

1:- Applied only for sufficient time to obtain steady reading.