Page 1. (No. of pages :- 2) MINISTRY OF SUPPLY (S.R.D.E.)

VALVE ELECTRONIC CV 1300

(ARDD 1)

Specification No. MOS/CV1300	SIGGURITY								
Dated 25.9.45.			Specific	catio	n	Valve			
To be read in conjunction with K1001.			Restric	cted	Res	stricted			
Indicates a change									
TYPE OF VALVE : Double diode			MARKING						
CATHODE : Indirectly heated		Concessions		1					
ENVELOPE : Glass - unmetall:	As in K1001/4								
COMMERCIAL PROTOTYPE: 10D1	22 21 2100 1/ 4								
Annexistation representation activates constructing the processing representations and the construction of						1			
RAT ING			BASE						
Note			B 5						
Heater voltage 13.0			Pin T Electrode			trode			
Heater current (A)	0.2		1	1 Diode 2					
Input volts RMS (max)	50		2	Diode 1					
Rectified current (max)(mA)			3	Heater					
			14		Heater				
	1		5	1	Cathod	•			
	-		DIMENSIONS						
			See K1001/AI/D1						
			Dimensi	COMPANIES CONTRACTOR	Min.	The state of the s			
			A me	-	102	108			
	B me	in the same of	CD	40					
	Lun		87	92					

CV 1300

Tests Page 2.
To be performed in addition to those applicable in K1001.

	Test C	conditions		Limits		No.
			Test	Min.	Max.	Tested
а	Vh 13.0	Va	Ih (A)	0,18	0,22	100%
ъ	13.0	O	Ia (µA)	50	-	100%
С	13.0	2.0	Ia (µA)	500	-	100%
d	13.0	10.0	Ia (mA)	5	-	100%
e	13.0	0	Rise in Ia (uA) (See Note 1)	8.0	-	100%
f	13.0	Va 1=10 Va 2= 0	Current flowing between anodes (µA)		0.5	100%

NOTES

- 1. Ia is measured through a load resistance of 21,000 ohms. An A.C. voltage of 0.5V R.M.S. is then applied between the anode and cathode, and change in Ia measured.
- 2. Tests b, c, d and e to be applied to both diodes.