Page 1. (No. of Pages:- 4)

CATHODE RAY TUBE

CV300

MINISTRY OF SUPPLY

	SECURI Specification	THE SECOND
To be read in conjunction with K1003		Handle Comment

_____ Indicates a change

		Man sariamen-freedy	er man a man	- Comme
TYPE OF DEFLECTION:	Magnetic			
BULB :-	Internally coated with conductive coating			<u>MARKING</u> See K1001/4
SCREEN :-	Blue BEN			
RATING			Note	<u>BASE</u> International Octal
Heater Voltage Heater Current Maximum Anode Voltage Desirable Spot Size Normal Working Anode Voltage Working Beam Current Pulsed Beam Current	(V) (A) (KV) (mms) (EV) (µA) (µA)	4.0 1.0 8 0.5 5.4 15.0 100.0		DIMENSIONS AND CONNECTIONS See Drawing on Page 4

NOTE

A:- The gun assembly shall be sufficiently robust to withstand considerable mechanical shocks without suffering displacement.

TESTS

To be carried out in addition to those applicable in K.1003

0		Tes	t Condit:	ione	The state of the s	Ti	its	77
Clause	٧h	Va (KV	Vg	Ib (μA)	Test	Grandwood recommendation	Max.	No. Tested
(a)		and Delinations of Spanner			Interelectrode Capac- itances (Pf) Grid to all other electrodes	-	25	5%
(b)	4.0	0	0	200	Ih(A)	-	1.2	100%
	From asset (see curroption to gent microin)	nt ecembly m for the dry rent imum give equation committee to the committe	Adjust- ed lge of or mounting rom axis adjusted focus ar a beam al to 50 ps; 94mm directification	oil ng set AA l l for nd vG curr scan ions	Iane width		1mm	100%
(d)4.0 5.4 Adjust- 15.0 ed Focussing conditions as in test (c)			ed ng condit		Vg	nega to c	t 26V tive ath- value	100%
	Focu as i	ıs si r .n te	Adjust- ed ng condit est (c)	ions	Increase in negative value of Vg compared with value noted in test (d)	abro	7	100%
	Focu as i	ssin n te	ed g condit st (c)	ions	Decrease in negative value of Vg compared with value in test (e)		20	100%
der Sooten	Focu	ssin	Adjust- ed g condit st (c)		1) Vg 2) Increase in negative value of Vg compared with value noted in test (e)	42	77 9	100%

CV300

Particular Description	S-address grant version	a direction remaining		parament timbracionis de			-Washington Committee	Bronzoetsza estamonomonia
0	Test Conditions					Lim:	No.	
77	$\overline{V_h}$	Va	Vg	Ib	Test	Min.	Max.	Tested
Clause		(KV)		(μA)				
(h)	4.0	5.4		dea.	Grid Insulation	anned frank and the control of		
1			-77V		1) Leakage Current (µA)		7.7	
			lause 5.4	.2.	2) Increase in voltmeter			100%
		of K1	003 Resis	tance	reading.		100%	
	1	OMO						
(j)	4.0	5.4	Within	GIB.	There shall be no shadow-			
			Working		ing at any orientation			
			Range		of trace			100%
			g conditi	ons				
- Control			st (c).					
			on field epeating					
	9		in length					
	centred on centre of							
(k)	4.0	5.4	Within	endendrin (m. disser-	Deviation of centre of		10	100%
145/	400	704	Working		unfocussed spot from			
			Range		centre of screen (mms)			
	No focus coil							
	energisation							
(1)	4.0	5.4	Within		The screen shall not be			
			Working		worse for non-uniformity			
			Range		than a standard tube.			100%
	No focussing coil							
	energisation. Deflect-							
ing fields to give								
raster of area approx- imately 12cms x 12cms.								
	genterativativati	STREET,		EDITOR AND AND AND ADDRESS OF				mananapadana
(m)			Adjusted		Life Test	1000	il de la constant de	1%
E-MANUEL -			rightness		Life (hours)			
Pagameta and a second	continuous spot move- ment over raster of						PC-18539900	
Tr. Driving of the Control of the Co	area approx. 12cms x				ed in the second			
Management	120		TAVE LECT	يقه حو				
-	7 Gas Villa	and The	mieromotek nerelisti senkantinkomana	vinatori anteriori a cambrio di co		anthum Wales Co. Miles and		

