ADMIRALTY SIGNAL ESTABLISHMENT

VALVE ELECTRONIC CV957 (NC8)

Specification AD/CV957/Issue 2.	SECURITY		
Dated 1.2.46. To be read in conjunction with K1003.	Specification Restricted	Valve. Restricted	

TYPE OF FOCUS:- G	Gas (Argon). Gas (Argon). Gas (Argon).		MARKING See K1003/7.
RATING	es a consistence experience discover de la consiste	Note	BASE
Filament Voltage (V) 0.6	And an all and an all an a	8-Pin Bayonet (PB8)
Filament Current (A	1.2	TO THE RESIDENCE OF THE PARTY O	
Max. Anode Voltage Va (kV) 1.5	energy and the control of the contro	
Modulator Voltage (V) (Mean	.) -165	ESONA BENNE ELIMENTATION OF THE SECOND OF TH	DIMENSIONS AND CONNECTIONS
X-plate sensitivity(mm/V) <u>450</u> Va	A	See Drawing Page 4.
Y-plate sensitivity(mm/V) 450		A	

NOTE

A. Measured at Va = 1000 V.

TESTS

To be performed in addition to those applicable in K1003.

	The second secon						
	I THE RESERVE THE PARTY OF THE	st Conditi		Test	Limits		No.
	If (A)	Va (kV)	Vg (V)		Min.	Max.	Tested
8.	1.25			Vf (V)	0.6	0.75	100%
b	Vg adjusted for Ia = 150 MA.		Filament Saturation.	A decrease of If by 0.05 A shall not de- crease Ia by more than 10%		100%	
С	applied deflecto an open	voltage to each por plates raster of an 60 mm.	air of so that not	(i) Focus and brilliance.	To be worse standa tube.	than a	100%
	is obtai shall be by adjus filament	ined. The sharply stment of twoltages	e trace focussed Vg and	(ii) Vg (V)	-1 40	-190	
Vf to be adjusted during test c to the minimum for satisfactory operation. This voltage and the corresponding filament current shall be marked on the tube as follows: - "Minimum filament rating volts amps".							
d	Adjusted	1.5	Adjusted			P. Y. L.	
	As test	بأروسيد ومستنبه والمستدور		Ia (uA)	50	150	100%
And the second s	Conditions as in test c, the tube to be operated with Va = 300, 500, 700, 900, 1100 and 1300 V. Vg adjusted for optimum operation in each case.		Effect of Va on focus.	No deteriora- tion in focus in comparison with "c" (i), shall occur.		100%	
f	^.		Taraga di Kasara	Angle between X- and Y-plate axes.	870	9 3°	100%

PROTO (CORTO)

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	Test Conditions	Test	Lippits		No.	
			Min.	Max.	Tested	
g	Va = 1000 V.	Deflection sensitivities (mm/V) X-plates	<u>As</u> 7 1 00	500 Va.	10%	
		Y-plates	<u>400</u> Va	500 Va	(2)	
h	See K1003/5.10	Deviation of spot from the centre of screen (mm)	œ	10	100%	
i	With normal If and with Vg set to cut-off, Va shall be increased to 3000 V, for 5 secs.	High Va working. With conditions specified the tube shall lifted from flash-over.		ed the all be om	100%	
j	See K1003/5.4.1.	Insulation (M_A)	200	489	100%	

