

ELECTRONIC VALVE SPECIFICATION

SPECIFICATION MOA/CV6051, ISSUE 1, DATED 1.7.60

AMENDMENT NO 4

Insert the following changes:-

i PAGE 1 TYPE OF VALVE

Amend to read: Pulse thyatron, low jitter, short recovery time, tetrode with replenisher.  
(Amendment No 1 first item to be deleted as this states 'without replenisher').

ii PAGE 8 GROUP A TESTS

The tests shall be conducted with the following heater voltages applied:-

- a Instantaneous Start 1 Vh = 5.85 V
- b Operation 1
- c Anode Delay Time 1 )
- d Anode Delay Time Drift) Vh = 6.75
- e Jitter )
- f Short Circuit )
- g Grid 2 Current ) Vh = 6.3 V
- h Grid 2 Hold Off )
- j DC Anode Voltage )

iii PAGE 8 ANODE DELAY TIME 1 (GROUP A) ANODE DELAY TIME 2 (GROUP B)

In column headed "Limits Max" Delete "0.2" and Insert "0.3" and in 'Notes' column Add "33, 34".

iv PAGE 9 TEST aa

In column headed "Limits Max" Delete "0.25" and Insert "0.35".

v PAGE 11 NOTE 2

Amend to read "The heater voltage shall be 6.3 V, unless otherwise specified".

vi PAGE 13 INSERT NEW NOTE 33 AND 34

33 DEFINITION OF 'tad'

The time interval between the instant when the open circuit g2 voltage passes cathode potential and the instant when anode conduction takes place.

34 Where in MIL test methods the pulse measuring points are specified as "26%" and "70.7%" practical values of "25%" and "75%" may be substituted.