

SUBJECT PRESSURE LEAK TEST OF RECESSED
CAVITY CAPS (CONTACT BUTTONS)

SUPERSEDED DATE

This procedure initially used on 39003 and 39004 caps as Cathode Ray Tube Factory test on incoming caps. Caps initially sampled according to Stdzg Not. 25-3-9.

1. EQUIPMENT

- a. Button Leak Tester, Model #722EE.
- b. Rubber Washers for Button Leak Tester.
- c. Small thumb pressure oil can, or rubber bulb syringe (car syringe size) for dispensing alcohol.
- d. Sweep second timer.

2. MATERIAL

- A4 Denatured Alcohol

3. PROCEDURE

- a. Check air pressure shown on gauge which should be 200 psi. Do not test at lower pressures.
- b. Place the button on the center of the rubber washer in the leak test fixture.
- c. Press the latch over the button and lock with the cam.
- d. Cover the button with alcohol.
- e. Depress the foot pedal which operates the gas control valve, and hold for 6 seconds. Watch for gas bubbles in the alcohol over the button. Bubbles indicate leaks.
- f. Remove foot from foot pedal.
- g. Disengage the cam and lift the latch.
- h. Remove the button from the fixture.

STANDARDIZING SECTION
ENGINEERING DEPARTMENT