

Initially used for detecting button seal
leaks in cathode ray tubes.

1. MATERIALS

*Methyl Orange

A55A Copper Free Acetone

C131 or any other carbonate coating material. As a cost factor rejected
material may be used.

2. PREPARATION OF DYE SOLUTION

a. To 5 gal. of acetone, add 1 g. of methyl orange.

b. Reuse solution, adding acetone occasionally to compensate for
evaporation.

3. PROCEDURE

a. Spray outside surface of sealed button with carbonate coating.

b. Allow spray material to dry for 10 min.

c. Lay bulb on side with button downward and fill bulb with dye solution
to cover button.

d. Allow to stand for *48 hrs. and then check for leaks. All bulb
assemblies showing any outside surface discoloration around button
must be rejected.

e. Scrub outside surface with brush and after a preliminary rinse, wash
as indicated on FB assembly.

STANDARDIZING SECTION
ENGINEERING DEPT.