



SUBJECT BULB WASHING  
Process Specifications

SUPERSEDED DATE

Initially for color projection types  
C73195, C73196, and C73197.

1. MATERIALS

- A609 Ammonium Bifluoride, Technical.
- S30 Sodium Hydroxide, Technical.
- S109 Sand.
- W7E Distilled Water.
- Calgonite.
- Tap Water.

DANGER

AMMONIUM BIFLUORIDE SAFETY PRECAUTIONS: See 33-2-7C.

SODIUM HYDROXIDE SAFETY PRECAUTIONS: See 33-2-8A.

2. PROCEDURE

a. New Bulb:

- (1) Sand swirl.
- (2) Rinse 4 times with warm tap water.
- (3) Wash with 20% solution of Calgonite detergent.
- (4) Rinse 4 times with warm tap water.
- (5) Rinse 3 times with distilled water.
- (6) Dry with air flow.

b. Salvage Bulb with Screen: Same as for New Bulb above.

c. Salvage Bulb with Screen, Graphite and Aluminum:

- (1) Sand swirl to remove screen.
- (2) Rinse 4 times with tap water.
- (3) Rinse with 20% cold sodium hydroxide solution to remove aluminum.
- (4) Rinse 4 times with tap water.
- (5) Rinse with ammonium bifluoride solution to remove graphite. Shield silver paste from this wash.
- (6) Follow schedule for New Bulbs above beginning with Step 2.

ENGINEERING SECTION  
STANDARDIZING

12-499-14-60 DCB-121/bw