



BULB WASHING - CATHODE-RAY

SUBJECT: Process Specification

This specification applies to the cleaning of bulbs immediately before lehr loading.

SCHEDULE NO. 1

- 1. EQUIPMENT
  - a. Racks for supporting bulbs either neck up or neck down.
  - b. Rubber gloves.
  - c. Plastic aprons.
  
- 2. MATERIALS
  - Sponges
  - Paper towels
  - Felt pad
  - Tap Water
  - Ajax cleanser
  - Pumice, 0-1/2
  - A609 Ammonium Bifluoride solution, 3% by weight.



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

3. PROCEDURE

- a. Place bulb neck up in rack and clean sides and neck of glass bulb or glass cone and neck of metal bulb. (See Note 3) Use extreme care to see that no water or other foreign material is allowed to enter the bulb neck. Then place bulb face up, remove rubber band, if used, and clean side panel and face. Bulb should be dry before inspecting to determine whether or not stain has been removed.
- b. Steps to be used in cleaning bulbs are as follows. Normally, the first step will suffice. If not, use the subsequent steps until the stain has been removed. Experience will indicate which operations will best clean certain stains, in which case any single operation may be used. If all steps fail, mark metal bulb as "won't clean" or glass bulb as "buff".
  - 1. Wipe with water-wet towel and dry with dry towel.
  - 2. Scour with Ajax cleanser and damp felt pad, wipe clean with wet towel, and dry with dry towel.
  - 3. Scour with pumice and damp felt pad, wipe clean with wet towel, and dry with dry towel.
  - 4. Apply ammonium bifluoride with cellulose sponge and allow to stand one minute. Wipe clean with wet sponge and dry with towel.

- NOTES:
- 1. Materials used in #4 should not be used in any other step and must be handled with rubber gloves and plastic or rubber apron.
  - 2. Steps 2, 3, and 4 to be performed in separate area from area used in Step 1.
  - 3. All bulbs to be capped with aluminum caps during entire cleaning operations.

SCALE—

End of Schedule #1

DIMENSIONS IN

UNLESS OTHERWISE SHOWN. DIMENSIONS SHOWN WITHOUT TOLERANCES ARE DESIGN CENTERS

\* CHANGE  
\*\* ADDITION  
\*\*\* DELETION

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