

SUBJECT: CATHODE ETHER WASHING  
Process Specifications

This specification describes the washing of cathodes with ether. It is initially intended for the Cathode tabbed assembly treatment of 2E26, 3C33, 3B29, 829B, 6BG6C, 715C, 802, 815, 832A, 837, 843 and the 1625.

ETHER SAFETY PRECAUTIONS: See 33-2-60


 DANGER
SCHEDULE NO. 1

1. EQUIPMENT Porcelain pan 12" long, 7 1/2" wide and 4" deep.  
Stainless steel rack with handle  
Ether hood  
Paper towels
2. MATERIALS E11 Anhydrous Ether
3. PROCEDURE
  - a. Empty one can of ether (E11 (5lbs) into pan; this fills pan about one half full.
  - b. Load rack with two trays of cathodes and dip up and down in pan of ether, under hood, 3 minutes (Depending on type of cathode, trays hold from 800 to 2000 Cathodes).
  - c. Remove from ether and place trays of cathodes on paper towels for drying.
  - d. As ether evaporates, add more, keeping pan full enough to cover both trays while washing. One days production can be washed in this manner. Used ether is disposed of at end of day.

ENGINEERING SECTION  
STANDARDIZING

SCALE—

DIMENSIONS IN

UNLESS OTHERWISE SHOWN.

DIMENSIONS SHOWN WITHOUT TOLERANCES ARE DESIGN CENTERS  
10-518-2-60 PCL15535-126JM\* CHANGE  
\*\* ADDITION  
\*\*\* DELETION

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13D26



SUBJECT: CATHODE ETHER WASHING  
 Process Specification

SUPERSEDED DATE

Schedule No. 2

(Initially for cathode sleeves of all small power tubes)

1. EQUIPMENT
- a. Porcelain pan 12" long, 7-1/2" wide, and 7" deep.
  - b. Stainless steel rack with handle.
  - c. Ether hood.
  - d. Paper towels.
2. Materials
- E11 Ether.
  - W60 Deionized meter.



ETHER SAFETY PRECAUTIONS See 33-2-60.

3. Procedure

- a. Wash cathodes in hot deionized water 82-100°C (180-212°F) (3 tanks for 3 minutes)
- b. Dry in oven 80-120°C.
- c. Empty one can of ether (E11) (5 lbs.) into pan; this fills pan about one half full.
- d. Load racks with two trays of cathodes and dip up and down in pan of ether, under hood three minutes (depending on type of cathode, trays hold from 800 to 2000 cathodes).
- e. Remove from ether and place trays of cathodes on paper towels for drying.
- f. As ether evaporates, add more, keeping pan full enough to cover both trays while washing. Twenty-five trays can be washed in this manner. Used ether is disposed of at end of day (Maximum of 50,000 sleeves to be washed in 5 pounds of ether; use fresh ether if washing more than this quantity).

SCALE—

DIMENSIONS IN

UNLESS OTHERWISE SHOWN.

DIMENSIONS SHOWN WITHOUT TOLERANCES ARE DESIGN CENTERS

11-533-5-63 PCL20351-126SH

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

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