



RADIO CORPORATION OF AMERICA

RCA VICTOR DIVISION  
TUBE DEPT. STANDARDIZING  
HARRISON, N. J. LANCASTER, PA.

K2c4Z

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STANDARDIZING  
NOTICE

34-37-71

SUBJECT MEASURING FACE PLATE ETCHING  
Process Specification

SUPERSEDED DATE 6/12/50

This specification covers the method which is to be used to measure reflected light from etched face plates as a means to control the degree of etching. Initially intended for 16GP4 and 19AP4A face plates.

#### 1. EQUIPMENT

Hunter 60° Glossmeter (Henry A. Gardner Laboratory, Inc.)

This instrument measures 60° specular gloss according to Procedure C of ASTM Method D523-44T for Specular Gloss of Paint Finishes.

#### 2. PROCEDURE

- a. Calibrate glossmeter by use of gloss standards prepared by Chemical and Physical Laboratory. Glossmeter must rest squarely on standard and all light from glossmeter must be intercepted by standard.
- b. Place glossmeter on center of face plate and read.
- c. The upper limit for the reading is 25 gloss/mil; the lower limit is 10 gloss/mil.

ENGINEERING SECTION  
STANDARDIZING

1-508-14-60 PCL13358-121 bw

☆ CHANGE  
☆☆ ADDITION  
☆☆ DELETION

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