

SUBJECT POROSITY TEST FOR NICKEL PLATING
ON IRON OR STEEL

SUPERSEDED DATE

Initially used for nickel plating on iron and steel base pins and shells.

a. Make up solution in proportions of

1 g C.P. potassium ferricyanide
5 g C.P. ammonium chloride
50 cc 33-W-7E distilled water

b. Immerse parts to be tested in the above solution. In good daylight watch the surface of the parts for evidence of a blue color and note elapsed time before such evidence appears.

c. If any blueness shows within 5 min. the parts are rejectable except a small pin hole which becomes blue, but does not grow in size, may be disregarded.

d. Evidence of poor plating may occur in the following ways.

1. A blue ring immediately below or above the bead of a base contact pin.
2. A blue streak along a seam as in a base contact pin.
3. Blue spots which grow in size.
4. A speckled condition caused by a multiplicity of small blue spots.

STANDARDIZING SECTION
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