

AC7108 Rev D - Nadcap Audit Criteria for Chemical Processing (to be used on audits before 4 March, 2012)

Alloy Plating – AMS-P-81728
Alloy Plating – MIL-P-81728
Alloy Plating – Other
Copper Plating – AMS 2418
Copper Plating – MIL-C-14550
Electroless Plating Nickel – AMS 2404
Electroless Plating Nickel – AMS-C-26074
Electroless Plating Nickel – MIL-C-26074
Gold Plating – AMS 2422
Gold Plating – MIL-G-45204
Gold Plating – Other
Gold Plating-ASTM B 488
Nickel Plating – AMS 2403
Nickel Plating – AMS-QQ-N-290
Nickel Plating – Other
Nickel Plating – QQ-N-290
Silver Plating – ASTM B 700
Silver Plating – Other
Silver Plating – QQ-S-365

TESTING PERFORMED INTERNALLY IN SUPPORT OF CHEMICAL PROCESSING IN THE SCOPE OF THE AUDIT. (DO NOT CHECK TESTS THAT ARE OUTSOURCED.)

B10 Adhesion Tape Testing
B11 Adhesion Scratch and Chisel Testing
B12 Adhesion Bend Testing (Metallic Coatings)
B16 Thickness Verification of Magnetic, Eddy Current and XRF Machines
B17 Solderability
B18 Adhesion Testing Heat and Quench
B20 Porosity
B7 Heat Resistance Testing
Solution Analysis
Tin Plating – ASTM B 545
Tin Plating – MIL-T-10727