

Smith Electrochemical Company Specifications

Processes Performed on Aluminum

ANODIZE (SULFURIC)

Specifications

Mil-A-8625 TY II, CI 1&2, AMS 2471&2472 ASTM B580 TY B,C,D,E,F

CHEM FILM (CHROMATE CONVERSION)
PLATING ON ALUMINUM

Mil-C-5541, AMS 2473, ASTM B449
n/a

Other processes

PASSIVATING STAINLESS STEEL
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ASM-QQ-P-35 TY II, ASTM A380, ASTM A967
NITRIC ACID or CITRIC ACID

Plating Process

CHROMIUM

Specifications

n/a

COPPER

ASTM B734

GOLD

Mil-G-45204, ASTM B488

NICKEL

ASTM B689, AMS 2403, QQ-N-290

ELECTROLESS NICKEL

ASTM B656, MIL-C-26074 CL 1

SILVER

QQ-S-365, ASM 2410, AMS 2411, AMS 2412

SILVER RHENIUM

n/a

TIN

Mil-T-10727, ASTM B545

ZINC

QQ-Z-325, ASTM B633