



World Class Cleaning Solutions

Case Study

Aerospace Supplier: Manufacturer of Shims and Laminated Shim Stock

CUSTOMER DETAILS

Product: Various Shims for Aerospace Industry (Mainly Boeing)

Parts Cleaned: Aluminum, Stainless Steel, Titanium, Polyimide, mostly laminated but some solid

Removing What Soil(s): Grease, machine oil, inks, label adhesives, water jet sludge, coolant, shop dust, fingerprints

Why are parts degreased: Final clean before identification marking and packaging

CUSTOMER PROCESS BRULIN REPLACED

Current Chemistry: Acetone, IPA, DI Water

Concentration: 100%

Washer Type: Manual

Specific Metals: See above

Temperature: Ambient

Time/Line Speed: Manual

Customer Improvement Requested: Automation and Aqueous Conveyor Washer

BRULIN IMPLEMENTED PROCESS

Chemistry: AquaVantage 1990 GD

Concentration: 5-7%

Temperature: 120* F, Maximum of 120* F since shims will delaminate at higher temps.

RESULTS

Positive Results During Machine Run-off using Better Engineering Model C-24 conveyor washer, 5HP, 100GPM @ 50PSI.

REASON BRULIN WON

B & M Industries recommendation

