



World Class Cleaning Solutions

CASE STUDY

Aerospace Supplier

Customer Details:

Aerospace Supplier - manufacturer of shims and laminated shim stock

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's Process BHC 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

BHC 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 BHC Won: B & M Industries Recommendation