ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Pipe and Tube Manufacturing

Segment: Fabricated Metal Products

Soil: Shop dirt, oil, grime, cutting fluids, grease

Substrate: Steel, stainless steel

Description of Part(s): Piping

Customer objective: Improve cleaning performance, automate cleaning process, eliminate hazardous chemicals/waste,

reduce VOCs

Cleaner used: 5% by volume solution of ArmaKleen™ BIO-24

Machine used: Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/ SUI)

Temperature used: 150°F

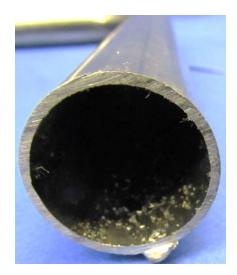
Time required: 30 minutes-1 hour

Post Cleaning: Exterior of pipes were wiped with a clean cotton cloth during the fresh water rinse and air pressure

dried

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen Bio 24 at 150°F in a Spray-Under Immersion Washer for a minimum of 30 minutes to 1 hour

Before Picture



After Picture



Source: TSR #18-A-160