

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001
 DateRun: 12/31/2001
 Experimenters: Purav Dave
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Aluminum
 PartType: Coupon
 Contaminants: Cutting/Tapping Fluids
 Cleaning Methods: Immersion/Soak
 Analytical Methods: Gravimetric
 Purpose: Laboratory evaluations of alternative cleaning products
 Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
 Cleaning: 5 min. immersion cleaning at 120 F with stir-bar agitation.
 Rinsing : 1/2 min manual in water at 120 F
 Drying : 1 min with heat gun at 500 F.
 Contaminants : Winfield Brooks - Alumtap.
 Cas # 64742-53-6, 127-18-4, 111-63-7.

Results:

Summary:

Substrates:	Aluminum				
Contaminants:	Cutting/Tapping Fluids				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Alconox Inc	Alcojet	1	82.08	<input type="checkbox"/>	
Buckeye International	Shopmaster FF	5	92.38	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster HP	5	92.05	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster LPH	5	89.92	<input checked="" type="checkbox"/>	
Calgon Corporation	SC 431	5	97.16	<input checked="" type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	92.39	<input checked="" type="checkbox"/>	
Brulin Corporation	Aquavantage 1400	5	97.37	<input type="checkbox"/>	

Conclusion: