

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 12/04/2002
 Experimenters: Heidi Wilcox
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Stainless Steel
 PartType: Coupon
 Contaminants: Fluxes
 Cleaning Methods: Ultrasonics
 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.
 Degassing: Degassing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F.
 Cleaning: Ultrasonic for 5 min. at 120 F.
 Rinsing: 1/2 min. manual with water at 120 F.
 Drying: 1 min with heat gun @ 500F
 Contaminant: VOC Free No Clean Flux, CAS# 7732-18-5, 68937-72-4

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Fluxes				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Buckeye International	XL 100 Cleaner & Degreaser	5	26.26	<input type="checkbox"/>	
Buckeye International	Ambush	5	92.84	<input checked="" type="checkbox"/>	
SOQ Environmental Technology	Ecomate FN	5	99.66	<input checked="" type="checkbox"/>	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	5	34.53	<input type="checkbox"/>	
Magnaflux	Daraclean 236	5	8.02	<input type="checkbox"/>	
A 1 Hydro Parke Hill Chemical	SW Wash 10 Aircraft Cleaner	5	99.08	<input checked="" type="checkbox"/>	

Conclusion: