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	☐	
Buckeye International	Ambush	5	92.84	☑	
SOQ Environmental Technology	Ecomate FN	5	99.66	☑	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	5	34.53	☐	
Magnaflux	Daraclean 236	5	8.02	☐	
A 1 Hydro Parke Hill Chemical	SW Wash 10 Aircraft Cleaner	5	99.08	☑	

Conclusion: