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: 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 with stir-bar agitation @ 120 F
Rinsing: 1/2 min, manual, in 120 F water (tap)
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	24.42	☐	
Buckeye International	Immersion Cleaner	5	82.36	☐	Vary time, concentration or mechanical energy of cleaning or rinsing to increase efficiency.
Buckeye International	Ambush	5	39.08	☐	
SOQ Environmental Technology	Ecomate FN	5	48.59	☐	
Simple Green	Concentrated Industrial Strength Cleaner and Degreaser	5	11.10	☐	
Magnaflux	Daraclean 236	5	32.85	☐	
Magnaflux	Daraclean 203	5	99.70	☑	
A 1 Hydro Parke Hill Chemical	SW Wash 10 Aircraft Cleaner	5	37.05	☐	

Conclusion: