CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/09/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Paints

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 with tap water at 120 F.
Drying : 1 min. with heat gun at 500 F.
Contaminant : Paint Maskant - Diversy-W.B. Filmite

Results: Geoguard 2000 not effective, all other effective.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Paints				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	79.04	☐	For two coupns eff was 90+%
Calgon Corporation	Geo Guard 2000	5	46.50	☐	
Calgon Corporation	GP Xtra	5	96.98	☑	
PCI of America	Hurrisafe 9450	5	97.64	☑	
Brulin Corporation	Nature Sol 100	5	93.30	☑	
AW Chesterton	181 Low Alkaline Cleaner	5	99.08	☑	

Conclusion: