CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/02/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Oil

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 at 120 F.
Rinsing : 1/2 min. manual in water at 120 F.
Drying : 1 min. with heat gun at 500 F.
Contaminant : Citco-cutting oil NC 425.
Cas # : 64742-65-0, 64741-88-4, 64741-89-5, 64742-54-7

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	97.13	☑	
Calgon Corporation	Geo Guard 2000	5	94.64	☑	
Calgon Corporation	GP Xtra	5	92.90	☑	
PCI of America	Hurrisafe 9450	5	92.47	☑	
Brulin Corporation	Nature Sol 100	5	97.53	☑	
AW Chesterton	181 Low Alkaline Cleaner	5	87.38	☑	

Conclusion: All cleaners were successful.