CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	01/14/2002
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Stainless Steel
PartType:	Coupon
Contaminants:	Oil
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. Degasing: Cleaners were kept in ultrasonic crest for 5 min. at 120 F. Cleaning : 2 min. in ultrasonic crest at 120 F. Rinsing :1/2 min immersion cleaning at 120 F in water. Drying :1 min. with heat gun at 500 F.
Results:	

Summary:

Substrates:	Stainless Steel				
Contaminants:	Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	98.26	☑	
Calgon Corporation	Geo Guard 2000	5	89.44	☑	
Calgon Corporation	GP Xtra	5	100.37	☑	
PCI of America	Hurrisafe 9450	5	96.11	☑	
Brulin Corporation	Nature Sol 100	5	100.06	☑	
AW Chesterton	181 Low Alkaline Cleaner	5	96.38	☑	

Conclusion: All cleaners were effective.