

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	<input checked="" type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	89.44	<input checked="" type="checkbox"/>	
Calgon Corporation	GP Xtra	5	100.37	<input checked="" type="checkbox"/>	
PCI of America	Hurrifsafe 9450	5	96.11	<input checked="" type="checkbox"/>	
Bruhin Corporation	Nature Sol 100	5	100.06	<input checked="" type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	96.38	<input checked="" type="checkbox"/>	

Conclusion: All cleaners were effective.