

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 01/10/2002
 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	<input type="checkbox"/>	For two coupons eff was 90+%	
Calgon Corporation	Geo Guard 2000	5	46.50	<input type="checkbox"/>		
Calgon Corporation	GP Xtra	5	96.98	<input checked="" type="checkbox"/>		
PCI of America	Hurrifafe 9450	5	97.64	<input checked="" type="checkbox"/>		
Brulin Corporation	Nature Sol 100	5	93.30	<input checked="" type="checkbox"/>		
AW Chesterton	181 Low Alkaline Cleaner	5	99.08	<input checked="" type="checkbox"/>		

Conclusion: