

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/10/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Buffing/Polishing Compounds

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 in tap water at 120 F.
Drying : 1 min. with heat gun at 500 F.
Contaminant : The lea Manufacturing company - Learok 2-8-11 - Abrasive, Fatty acids

Results:

Summary:

Substrates:		Stainless Steel			
Contaminants:		Buffing/Polishing Compounds			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	80.75	<input type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	78.05	<input type="checkbox"/>	two coupons with over 100 % efficiency and 1 with 29 % efficiency.
Calgon Corporation	GP Xtra	5	89.31	<input checked="" type="checkbox"/>	
PCI of America	Hurrisafe 9450	5	93.38	<input checked="" type="checkbox"/>	
Brulin Corporation	Nature Sol 100	5	85.26	<input checked="" type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	66.73	<input type="checkbox"/>	

Conclusion: