

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/16/2002  
 Experimenters: Purav Dave  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Stainless Steel  
 PartType: Coupon  
 Contaminants: Buffing/Polishing Compounds  
 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.  
 Degasification: 5 min. in ultrasonic crest at 120 F.  
 Cleaning : 2 min. in ultrasonic crest at 120 F.  
 Rinsing : 1/2 min. manual with water at 120 F.  
 Drying : 1 min. with heat gun at 500 F.  
 Contaminant: The Lea manufacturing company-Learock 2-B-11

**Results:**

**Summary:**

<b>Substrates:</b>	Stainless Steel				
<b>Contaminants:</b>	Buffing/Polishing Compounds				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	106.07	<input type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	111.13	<input type="checkbox"/>	
Calgon Corporation	GP Xtra	5	106.39	<input type="checkbox"/>	
PCI of America	Hurrisafe 9450	5	104.94	<input type="checkbox"/>	
Brulin Corporation	Nature Sol 100	5	94.55	<input checked="" type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	97.50	<input checked="" type="checkbox"/>	

**Conclusion:** Percentage efficiency was obtained above 100% in some cases which may be due to the fact that the buffing compound might have taken off the metal.