CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/15/2002

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:

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

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.