CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	01/16/2002
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Aluminum, Brass
PartType:	Coupon
Contaminants:	Buffing/Polishing Compounds, Inks, 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. 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 in. with heat gun at 500 F. Contaminant: 1. Buffing compound: The lea Manufacturing Co Learok 2B-11 (14808-60-7) 2. Ink, Dykem Ink (64-17-5, 123-86-4, 71-36-3, 9004-70-0, 67-63-0, 8004-87-3 3. Oil, Winfield Brooks Alumtap (64742-53-6, 127-18-4, 111-63-7)
Results:	
Summary:	

Substrates:	Aluminum, Brass				
Contaminants:	Buffing/Polishing Compounds, Inks, Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Alconox Inc	Alcojet	1	101.95	☑	Buffing
Buckeye International	Shopmaster HP	5	88.80	☑	
Buckeye International	Shopmaster LPH	5	101.35	☐	
Alconox Inc	Alcojet	1	18.63	☐	ink
Alconox Inc	Alcojet	1	96.76	☑	oil

Conclusion: