

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 10/07/2002

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Inks

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.
 Degassing: Degassing the solution by keeping solutions in ultrasonic crest for 5 min at 120 F.
 Cleaning: Ultrasonic for 2 min. at 120 F.
 Rinsing: 1/2 min. manual with water at 120 F.
 Drying: 1 min with heat gun @ 500F
 Contaminant: ITW, Dykem Corp, Ink, Steel Blue - DX - 100
 CAS#'s 64175, 123864, 71363, 9004700, 67630, 8004873

Results:

Summary:

Substrates:		Stainless Steel				
Contaminants:		Inks				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
EcoLink	Bulldog	5	-6.40	<input type="checkbox"/>		
Innovative Organics Inc	Amberclean Q3	5	-20.24	<input type="checkbox"/>		
AG Environmental Products	Soy Clear 1500	100	-5.95	<input type="checkbox"/>		
AG Environmental Products	Canola Gold CE110	100	-3.80	<input type="checkbox"/>		
Phase III Inc	California Parts Washer Solution	5	22.70	<input type="checkbox"/>		
PCI of America	Hurrisafe 9575	5	39.52	<input type="checkbox"/>		

Conclusion: