

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 02/25/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Inks

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 at 120 F with stir-bar agitation.
Rinsing: 1/2 min. manual with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant: Ink: ITW Dykem
CAS#: 64175, 123864, 71363, 9004700, 67630, 8004873.

Results:

Summary:

Substrates:		Aluminum				
Contaminants:		Inks				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:	
United Laboratories International	United 450 All Clear	5	8.88	<input type="checkbox"/>		
ITW Fluid Products Group	AccuClean	5	-5.97	<input type="checkbox"/>		
Oakite Products	Inproclean 2000	5	-9.69	<input type="checkbox"/>		
Carroll Company	Blue Gold Heavy Industrial Cleaner	5	2.74	<input type="checkbox"/>		
Chemical Technologies	Green Thunder	5	-5.10	<input type="checkbox"/>		
EnviroSan Products Ltd	Solution 2000	5	-18.26	<input type="checkbox"/>		

Conclusion: None of the cleaners were effective.