

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/23/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Resins/Rosins

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 cleaning 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: Gelva multipurpose resin solution.
Cas #: 50862-46-9, 141-78-6, 142-82-5,

Results:

Summary:

Substrates:		Stainless Steel			
Contaminants:		Resins/Rosins			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Simple Green	Simple Green D	5	0.40	<input type="checkbox"/>	
Smart Sonic Corp	440 R SMT Detergent	5	0.36	<input type="checkbox"/>	
US Polychem Corporation	Polyspray Jet 790 C	5	0.59	<input type="checkbox"/>	
Alconox Inc	Det-O-Jet	5	0.86	<input type="checkbox"/>	

Conclusion: None of the cleaners were effective.