

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 04/03/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

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 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: ITW Dykem
Cas #: 64175, 123864, 71363, 9004700, 67630, 8004873

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Inks				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Sysco Corporation	Fryer & Grill Cleaner	5	10.07	<input type="checkbox"/>	
Transene Company, Inc.	D-Greeze GL 46	5	-27.61	<input type="checkbox"/>	
Tech Spray Inc	Concentrated Aqueous Defluxer	5	-44.39	<input type="checkbox"/>	
Chem Tech Solutions	Westech CT-4712	5	-12.18	<input type="checkbox"/>	
Tarksol Inc	SRKS 40	100	-26.28	<input type="checkbox"/>	
Tomah Products Inc	Tomadyne 102	100	50.70	<input type="checkbox"/>	
Chem Tech Solutions	Westech CT 1550	100	-3.00	<input type="checkbox"/>	
Tomah Products Inc	Tomadyne 102	100	106.00	<input type="checkbox"/>	soak for 1 hour with wipe
Chem Tech Solutions	Westech CT 1550	100	101.33	<input checked="" type="checkbox"/>	soak for 1 hour with wipe

Conclusion: Tomadyne 102 and Westech CT 1550 were effective after an hour of soaking followed by wiping.