CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2002
DateRun:	04/02/2002
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	☐	
Transene Company, Inc.	D-Greeze GL 46	5	-27.61	☐	
Tech Spray Inc	Concentrated Aqueous Defluxer	5	-44.39	☐	
Chem Tech Solutions	Westech CT-4712	5	-12.18	☐	
Tarksol Inc	SRKS 40	100	-26.28	☐	
Tomah Products Inc	Tomadyne 102	100	50.70	☐	
Chem Tech Solutions	Westech CT 1550	100	-3.00	☐	
Tomah Products Inc	Tomadyne 102	100	106.00	☐	soak for 1 hour with wipe
Chem Tech Solutions	Westech CT 1550	100	101.33	☑	soak for 1 hour with wipe

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