

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/06/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Abrasive

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.
Degasifying: 5 min. in ultrasonic crest at 120 F
Cleaning: 2 min. with ultrasonic agitation at 120 F
Rinsing: 1/2 min. manual with water at 120 F
Drying: 1 min. with heat gun at 500 F

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Abrasive				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
United Laboratories International	United 450 All Clear	5	100.78	<input checked="" type="checkbox"/>	
EnviroSan Products Ltd	Solution 2000	5	91.39	<input checked="" type="checkbox"/>	
CRC Industries	Complex Blue	5	98.64	<input checked="" type="checkbox"/>	
Heatbath Corporation	Alu-Kleen 36	5	98.67	<input checked="" type="checkbox"/>	
Heatbath Corporation	Power Wash Cleaner BCR	5	106.18	<input type="checkbox"/>	
Magnaflux	Daraclean 200	5	89.12	<input checked="" type="checkbox"/>	

Conclusion: All cleaners were effective.