CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/27/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Brass

PartType: Coupon

Contaminants: Buffing/Polishing Compounds

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 (Cleaning with Solsafe 245 was done at room temperature).
Rinsing: 1/2 min. manual with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant: Buffing compound - The Lea Manufacturing Company Learok 2-B-111 - Abrasive, Fatty acids, Glycerides and petroleum wax/oil mix-silica dust (14808-60-7)

Results:

Summary:

Substrates:	Brass				
Contaminants:	Buffing/Polishing Compounds				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Today & Beyond	Beyond 2007	5	119.59	☐	
Bio Chem Systems	Solsafe 245	100	108.80	☐	
Finger Lakes Chemical	1-1-02	100	74.53	☐	
Oakite Products	Citradet	5	95.16	☑	
Today & Beyond	Beyond 2004	5	107.07	☐	
Oakite Products	Oakite 77		101.21	☐	Concentration: 60 g/l

Conclusion: