

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 1999

DateRun: 07/14/1999

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Copper

PartType: Coupon

Contaminants: Buffing/Polishing Compounds, Coatings, Inks

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: One product was diluted to 5% and heated to 130 F. Copper coupons were coated with a buffing compound, Quaker Slush Coating and a Steel Blue ink (67-63-0, 123-86-4, 71-36-3, 7004-70-0)

Results: Two % dilution does not adequately remove contaminant. Buffing compound scratched the surface of soft metals, causing the removal of some metal.

Summary:

Substrates:		Copper			
Contaminants:		Buffing/Polishing Compounds, Coatings, Inks			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Man Gill Chemical Company	Gillite 160 X	2	166.00	<input type="checkbox"/>	buffing
Man Gill Chemical Company	Gillite 160 X	2	9.00	<input type="checkbox"/>	coating
Man Gill Chemical Company	Gillite 160 X	2	6.00	<input type="checkbox"/>	ink

Conclusion: No success on any of the contaminants