

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003  
 DateRun: 10/09/2003  
 Experimenters: Dave Hout  
 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. Two products were used at full strength at room temperature and four were heated to 130 F on a hot plate. Twenty-four preweighed coupons were coated with Jackson Lea Antique Buffing Compound (cm-12) and allowed to dry for a half an hour and reweighed. Three coupons were cleaned in each solution for 5 minutes using stir-bar-agitation, rinsed in a tap water bath for 15 seconds at 120 F and dried using air blow off for 30 seconds at 68 F. Coupons were allowed to dry for a half an hour and then reweighed a final time. Efficiencies were calculated.

Results:

Summary:

<b>Substrates:</b>	Brass				
<b>Contaminants:</b>	Buffing/Polishing Compounds				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Magnaflux	Daraclean 235	5	79.17	<input type="checkbox"/>	
Today & Beyond	Beyond 2003	5	88.81	<input checked="" type="checkbox"/>	
Transene Company, Inc.	D Greeze 1000	100	74.49	<input type="checkbox"/>	
Hubbard Hall Inc	Aquasonic 201	5	59.95	<input type="checkbox"/>	
Man Gill Chemical Company	Gillite 0650 Cl	5	72.91	<input type="checkbox"/>	
Man Gill Chemical Company	Gillite 1156	100	-3.32	<input type="checkbox"/>	

Conclusion: Beyond 2003 was the only effective cleaner at an efficiency rate of over 85%.