CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2005
DateRun:	08/08/2005
Experimenters:	Jason Marshall
ClientType:	Metal Finishing
ProjectNumber:	Project #1
Substrates:	Brass
PartType:	Part
Contaminants:	Buffing/Polishing Compounds
Cleaning Methods:	Immersion/Soak
Analytical Methods:	Photography, Visual
Purpose:	To evaluate successful cleaners on supplied parts
Experimental Procedure:	Three products from the previous trial were selected based on their high efficiency removing the various buffing compounds. Each product, Ensolv, CCA and Lenium ES were poured into 250 ml glass beakers and placed on a magnetic stir-plate. Six brass parts presoiled with the brown buffing compound were photographed to establish the baseline level of contamination. Two parts were immersed into each solution and cleaned for 5 minutes at room temperature. Following cleaning, parts were photographed again and observations were made.
Results:	Each of the three solutions removed some of the buffing compound in the five minutes of room temperature cleaning. During cleaning each cleaning product had black pieces of the buffing compound floating in it. Photos show the dirty and cleaned parts.

Summary:

Substrates:	Brass				
Contaminants:	Buffing/Polishing Compounds				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Enviro Tech International Inc	Ensolv	100	0.00	☑	
DuPont	Vertrel CCA	100	0.00	☑	
Petroferm Inc	Lenium ES	100	0.00	☑	

Conclusion: The three products would be more effective if tested at an elevated temperature.