CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	1998
DateRun:	11/02/1998
Experimenters:	Jason Marshall
ClientType:	Name Plate Mfg-Etching
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Part
Contaminants:	Films, Soaps
Cleaning Methods:	Immersion/Soak
Analytical Methods:	Tactile
Purpose:	To find a cleaning solution that could remove the Soy Gold film.
Experimental Procedure:	Three chemistries were tested at 5% concentrations. Each chemistry was heated to 100 F on a hot plate. Samples were put into each cleaner for 1 minute using a manual agitation (moving coupon back and forth in beaker). Samples were removed and rinsed in tap water at room temperature. Parts were dried using a Master Appliance Corp. Hot-air gun model HG-301A. Samples were observed for any remaining residue by touching the surface. SUBSTRATE MATERIAL: Aluminum Name plates. CONTAMINANTS: AG Environmental Soy Gold 2000.
Results:	The amount of residue remaining on the coupons was far less than without the aqueous cleaner rinsing, but there was a definite film left on the surface.

Summary:

Substrates:	Aluminum				
Contaminants:	Films, Soaps				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Alconox Inc	Luminox	5	0.00	☑	
Magnaflux	Daraclean 232	5	0.00	☑	
Watson Technical Associates	Low Foam Washer Detergent	5	0.00	☑	

Conclusion:	Additional testing will be conducted using a diluted Soy Gold Solution along with other aqueous cleaners and rinse aids.