CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 07/11/2000

Experimenters: John Brunelle

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum, Brass, Copper, Nickel, Plastic, Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Fluxes, Greases, Inks, Oil

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.

Laboratory evaluation.
Contaminant: Adhesive, Acrylic sealant 5504
Flux, Ersin 5381 RMA
Grease, CAS: 64742-47-8
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5
Oil, CAS: 64741-89-5, 8052-42-4

Results:

Summary:

Substrates:	Aluminum, Brass, Copper, Nickel, Plastic, Stainless Steel				
Contaminants:	Adhesive, Fluxes, Greases, Inks, Oil				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Today & Beyond	Beyond 2005	5	2.18	☐	ink
Today & Beyond	Beyond 2005	5	96.38	☑	flux
Today & Beyond	Beyond 2005	5	31.07	☐	grease
Today & Beyond	Beyond 2005	5	93.14	☑	oil
Today & Beyond	Beyond 2005	5	-58.87	☐	adhesive
Today & Beyond	Beyond 2006	5	-13.98	☐	ink
Today & Beyond	Beyond 2006	5	50.77	☐	flux
Today & Beyond	Beyond 2006	5	34.14	☐	grease
Today & Beyond	Beyond 2006	5	78.90	☐	oil
Today & Beyond	Beyond 2006	5	-76.50	☐	adhesive
Today & Beyond	Beyond 2007	5	31.99	☐	ink
Today & Beyond	Beyond 2007	5	21.85	☐	flux
Today & Beyond	Beyond 2007	5	43.77	☐	grease
Today & Beyond	Beyond 2007	5	67.33	☐	oil
Today & Beyond	Beyond 2007	5	-17.22	☐	adhesive
Today & Beyond	Beyond 2009	100	65.22	☐	ink
Today & Beyond	Beyond 2009	100	98.70	☑	flux
Today & Beyond	Beyond 2009	100	75.79	☐	grease
Today & Beyond	Beyond 2009	100	95.44	☑	oil
Today & Beyond	Beyond 2009	100	-15.09	☐	adhesive

Conclusion: