

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 12/11/2003

Experimenters: Dave Hout

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Inks

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. One product was used at full strength. Three preweighed coupons were coated with Ink - Cerdec Magenta (119-64-2, 65997-18-4, 1345-24-0, 20067-12-3) 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:

Substrates:	Stainless Steel				
Contaminants:	Inks				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Chemkleen International Inc.	CT 1 Multipurpose Cleaner	5	96.69	<input checked="" type="checkbox"/>	

Conclusion:

The product is effective at an efficiency rate of over 99%