

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2008
DateRun: 08/19/2008
Experimenters: Jason Marshall
ClientType: Machining Company
ProjectNumber: Project #1
Substrates: Aluminum
PartType: Coupon
Contaminants: Inks
Cleaning Methods: Manual Wipe
Analytical Methods: Visual

Purpose: To evaluate reformulated product on six supplied inks.

Experimental Procedure: Coupons were coated with each of the six supplied inks. These included Dykem Stop Off, Markal Valve Action Paint marker, Nu-Mark marker, Sharpie permanent marker, Sakura Coatings Product Company Solid Marker and the Avery Marks-A-Lot permanent marker (black). Once dry, coupons were cleaned using a handheld swab that was immersed into the cleaning product. Cleaning lasted for up to 2 minutes (if necessary). Following the cleaning, the coupons was wiped once to dry surface. Observations were made and recorded. Product was used at full strength.

Results:

Vertec Bio Gold 35	
Inks	Results
Dykem	Effective in under 30 seconds
Markal	Effective in under 30 seconds
Nu-Mark	Effective in under 30 seconds
Sharpie	Effective in under 30 seconds - little to no blue residue
Sakura	Effective in under 30 seconds
Avery	Effective in under 30 seconds

Summary:

Substrates:	Aluminum				
Contaminants:	Inks				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Vertec BioSolvents	VertecBio Gold 3	100		<input checked="" type="checkbox"/>	

Conclusion:

The formulation was found to be effective on all six of the supplied inks. The Sharpie ink removal was better than the previous formulation.