CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2009

DateRun: 03/03/2009

Experimenters: Daniel Pina

ClientType: Lab

ProjectNumber: Project #1

Substrates: Steel

PartType: Coupon

Contaminants: None

Cleaning Methods: Immersion/Soak

Analytical Methods: Compatiblity, Gravimetric

Purpose: To see if these 2 specific cleaning products at a desired concentration would erode the surface that the product is trying to treat.

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.

Clean off steel coupons until you can get as close to the original weight. Then you will go and place the coupons in the beaker where the solution was created and leave it soaked with the solution for 24hrs. Remeasure the coupons and see if the weight has changed or not to determine if the sample has been eroded or `not.

Results:

Cleaner	Initial wt	Final wt	Difference
Brulin Corporation aqu avantage			
	32.0350	32.0370	0.00
	32.1865	32.1895	0.00
	31.8947	31.8977	0.00
magnaflux daraclean 238			
	31.6405	31.5865	-0.05
	32.1498	32.1550	0.01
	31.8738	31.8314	-0.04

Summary:

Substrates:	Steel				
Contaminants:	None				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Brulin Corporation	Aquavantage 1400	10	0.00	☑	
Magnaflux	Daraclean 238	10	0.00	☑	

Conclusion: The solution did not erode the surfaces of the coupon it must off been from the last test that the solution removed some of the soil that the coupon must of have before doing the test that was reported on trial number 277.