

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002
 DateRun: 01/23/2002
 Experimenters: Jason Marshall
 ClientType: Electronics Manufacturer
 ProjectNumber: Project #1
 Substrates: Steel
 PartType: Part
 Contaminants: Rust/Scale, Salts
 Cleaning Methods: Media Blasting
 Analytical Methods: Visual

Purpose: To evaluate baking soda blasting unit

Experimental Procedure: Several client supplied parts were cleaned for 5 -10 minutes using a BCS Blasting unit with sodium bicarbonate media. The system operated between 85-110 psi. The parts were cleaned for a minute at a time, allowing the dust to settle and pressure to increase to improve blasting effectiveness.

Results:

Summary:

Substrates:	Steel					
Contaminants:	Rust/Scale, Salts					
	Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
	Armex Cleaning and Coating Removal Systems	Sodium Bicarbonate	100	0.00	<input checked="" type="checkbox"/>	

Conclusion: The major concern with the baking soda blasting was visibility. An improvement to the filtration/vacuum system could take care of this problem. A second question was raised about automation.