

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/24/2002

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		<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.