

# 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:

<b>Substrates:</b>	Steel					
<b>Contaminants:</b>	Rust/Scale, Salts					
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>	
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.