

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/31/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Paints

Cleaning Methods: Media Blasting

Analytical Methods: Visual

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
Cleaning: 1. Using soda blasting unit with baking soda as the medium.
2. Using snow gun with carbon dioxide as the medium.
Rinsing: Tap water rise at 120 F.
Drying: Air drying.
Contaminant: Paint - Nybco- designer colors -satin finish

Results:

Summary:

| Substrates: | Stainless Steel | | | | |
|--|--------------------------|--------|-------------|-------------------------------------|---------------|
| Contaminants: | Paints | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Armex Cleaning and Coating Removal Systems | Sodium Bicarbonate | 100 | | <input checked="" type="checkbox"/> | |
| Applied Surface Technologies | CO2 Snowflakes,High Flow | 100 | -1.08 | <input type="checkbox"/> | |

Conclusion: Soda blasting worked very well but snow gun did not work at all.