

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 01/23/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Resins/Rosins

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.
Cleaning: 5 min. immersion cleaning at 120 F with stir-bar agitation.
Rinsing: 1/2 min. manual with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant: Gelva multipurpose resin solution.
Cas #: 50862-46-9, 141-78-6, 142-82-5,

Results:

Summary:

| Substrates: | | Stainless Steel | | | |
|-------------------------|---------------------|-----------------|-------------|--------------------------|---------------|
| Contaminants: | | Resins/Rosins | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Simple Green | Simple Green D | 5 | 0.40 | <input type="checkbox"/> | |
| Smart Sonic Corp | 440 R SMT Detergent | 5 | 0.36 | <input type="checkbox"/> | |
| US Polychem Corporation | Polyspray Jet 790 C | 5 | 0.59 | <input type="checkbox"/> | |
| Alconox Inc | Det-O-Jet | 5 | 0.86 | <input type="checkbox"/> | |

Conclusion: None of the cleaners were effective.