

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001  
 DateRun: 12/13/2001  
 Experimenters: Purav Dave  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Brass  
 PartType: Coupon  
 Contaminants: Buffing/Polishing Compounds  
 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  
 Rinsing: 1/2 min. manual water rinse at 120 F  
 Drying: 1 min drying with heat gun at 500 F.  
 Contaminant : The Lea manufacturing company- Learock 2-B-111  
 Abrasive , fatty acids, glycerides and petroleum wax

## Results:

### Summary:

| <b>Substrates:</b>    |                   | Brass                       |             |                                     |               |
|-----------------------|-------------------|-----------------------------|-------------|-------------------------------------|---------------|
| <b>Contaminants:</b>  |                   | Buffing/Polishing Compounds |             |                                     |               |
| Company Name:         | Product Name:     | Conc.:                      | Efficiency: | Effective:                          | Observations: |
| Alconox Inc           | Alcojet           | 1                           | 79.31       | <input type="checkbox"/>            |               |
| Buckeye International | Shopmaster FF     | 5                           | 165.08      | <input type="checkbox"/>            |               |
| Buckeye International | Shopmaster HP     | 5                           | 67.64       | <input type="checkbox"/>            |               |
| Buckeye International | Shopmaster LPH    | 5                           | 88.94       | <input checked="" type="checkbox"/> |               |
| Calgon Corporation    | SC 431            | 5                           | 82.51       | <input type="checkbox"/>            |               |
| Buckeye International | Immersion Cleaner | 5                           | 96.99       | <input checked="" type="checkbox"/> |               |
| Brulin Corporation    | Aquavantage 1400  | 5                           | 106.10      | <input type="checkbox"/>            |               |

### Conclusion: