Implementing Environmentally Preferred Cleaning Processes

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Report Documentation Page

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Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18
Implementing Alternatives

Targeted Processes
- Aircraft Maintenance
- Ship Maintenance
- Facility Maintenance
- Etc.

Candidate Solutions
- Aqueous Solvents
- Biobased Solvents
- Ozone
- Etc.

Joint Services Solvent Substitution Methodology

Partners
- NAVSEA
- NAVAIR
- Marine Corps
- Army
- Air Force
- NASA

Screening Methodology
Test Protocol
Lab Testing
Field Testing
Process Approval
Update Manuals
User Awareness
Implementation Support

Processes not requiring extra record keeping & control measures
Basic Concepts

• All cleaning applications are not equivalent
• Define the cleaning process
• Regulations continue to evolve
• Focus on capability and cost
Keys to Success

- Define performance
- Pursue the possible
- Focus on implementation
- Engage the user & understand their perspective
- Grow champions
Influence Materials Selection

- CAD Drawings (Pro/E)
- MIUL – Bill of Materials
- Material Usage Agreement (MUA)
- Material Selection List
- Reports
- Material-Chemical Restrictions

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PERFORMANCE SPECIFICATION

CLEANER, GENERAL, FOR MILITARY SYSTEMS, LOW OR EXEMPT VOC, HAP-FREE
Joint Service Solvent Substitution Working Group

Communication
Collaboration
Coordination
JS3 Tools

- Methodology
- Information Exchanges
- Project Coordination
- Project Database
Summary

• Look forward
• Focus on capability & cost
• Be realistic
• Know your “customer”
• Put information in the right hands