



Resources for Metal Finishers: Common Sense Initiative's Strategic Goals Program

FACT SHEET

The Strategic Goals Program of the Common Sense Initiative (CSI) is a joint effort of the Environmental Protection Agency and the Surface Finishing Industry Council (with support of several trade associations and stakeholders). The Strategic Goals Program seeks “cleaner, smarter, cheaper” approaches to enhance environmental protection for the metal finishing industry. Metal finishing firms across the nation have been asked to voluntarily participate in the Strategic Goals Program by signing up as a program participant and making a good faith effort toward achieving by 2002 the National Performance Goals set by the program. The North Carolina Department of Environment and Natural Resources (NCDENR) supports the Strategic Goals Program for Metal Finishers and was a “Charter State” in the CSI program. NCDENR can support participating companies with the following technical support, compliance assistance and other resources.

On-site Technical Assistance

Pollution Prevention Opportunity Assessments. At the request of the facility, Division of Pollution Prevention and Environmental Assistance (DPPEA) staff will visit the facility, examining operations for pollution prevention opportunities. Options are presented in written report format. Assessments are non-regulatory, free and confidential.

Compliance and Permit Assistance for Small Business

Office of the Small Business Ombudsman (SBO). The SBO was established to help small businesses deal with air permitting and compliance issues. The SBO also can help firms with water quality, waste management and other environmental problems. Services are non-regulatory, free and confidential.

NCDENR's Customer Service Center (CSC). The CSC is a “one-stop” helpline to answer questions and receive information on all environmental permits and permitting processes.

Technical Assistance – Literature reviews

Information Clearinghouse: The DPPEA has a library of over 700 articles on pollution prevention techniques exclusively for the metal finishing industry. DPPEA can answer questions by phone and e-mail or provide appropriate referrals.

Web site: Many articles are now available online for immediate downloading and printing from <http://www.p2pays.org>. Articles can be located either by searching the entire Technical Documents collection by keywords or through the Industry Sectors page for Electroplating (Metal Finishing) at <http://wrrc.p2pays.org/electroplating.htm>. A list of references from the Industry Sectors page is shown on the third page of this fact sheet.

N.C. Division of
Pollution
Prevention and
Environmental
Assistance
1639 Mail Service
Center
Raleigh, NC
27699-1639

(919) 715-6500

Important Contacts and Resources

| | |
|---|--|
| CSI Strategic Goals Program Information for new participants | Tim Conner Global Environmental and Technical Foundation (703) 354-2172 or tconner@getf.org |
| Technical Questions | George Cushnie National Metal Finishing Resource Center (703) 264-0039 or geoc@nmfrc.org |
| U.S. EPA Contact | Mindy Gampel (202) 260-2748 or gampel.mindy@epamail.epa.gov |
| On-site, Technical and P2 Assistance | N.C. Division of Pollution Prevention & Environmental Assistance Ron Pridgeon, (919) 715-6517 Ron.Pridgeon@ncmail.net |
| Compliance and Environmental Assistance | Small Business Ombudsman (800) 829-4841 |
| Permitting Information | NCDENR Customer Service Center (CSC) (877) 623-6748, http://www.envhelp.org/ |
| NCDENR – Strategic Goals Program Coordination | N.C. Division of Pollution Prevention & Environmental Assistance Julie Woosley, (919) 715-6527, Julie.Woosley@ncmail.net |

Information Requests

For information or assistance, complete information below and mail or fax to: Julie Woosley, DPPEA, 1639 Mail Service Center, Raleigh, NC 27699-1639 Phone: (919) 715-6527, Fax: (919) 715-6794
E-mail: Julie.Woosley@ncmail.net.

List Publication Name(s) or Specific Information Request: (or check publications requested on previous page and fax both sheets)

Your Name: _____ Organization: _____

Mailing Address: _____ City _____ State _____ Zip _____

Telephone _____ Fax _____ E-mail _____

I would like the information sent as: Paper Copy Fax E-mail Web Address

The North Carolina Division of Pollution Prevention and Environmental Assistance provides free, non-regulatory technical assistance and education on methods to eliminate, reduce or recycle wastes before they become pollutants or require disposal. Telephone DPPEA at (919) 715-6500 or 800-763-0136 or e-mail nowaste@p2pays.org for assistance with issues in this fact sheet or any of your waste reduction concerns.

Technical Fact Sheets Available for the Metal Finishing Sector

General Guides:

- U.S. EPA's Sector Notebook for the Fabricated Metal Products Industry
- Benchmarking Metal Finishing – a tool for SGP groups to determine facility performance levels
- Environmental Management Systems: A Guide for Metal Finishers
- Operator Training Workshop: Best Practices for Metal Finishing Line Operators – Workshop Training at Gold Seal Plating
- Guide to Cleaner Technologies – Alternative Metal Finishes (EPA)
- Pollution Prevention and Control Technology for Plating Operations

Bath Life and Metals Recovery:

- Extending Metal Finishing Bath Life
- Recovery/Recycling Methods for Platers
- Extending Electroless Nickel Bath Life Using Electrodialysis
- Metal Finishing Series - Identifying and Reducing Contamination in Metal Cleaning, Plating and Rinsing Baths
- Metal Recovery and Wastewater Reduction Using Electrowinning
- Reverse Osmosis Applications for Metal Finishing Operations
- Atmospheric Evaporation Recovery Applied to a Nickel Plating Operation
- Drag-out Management for Electroplaters
- FMP Series: In-Tank Filtration Systems
- FMP Series: Identifying and Reducing Contamination in Metal Cleaning, Plating and Rinsing Baths
- FMP Series: Disk In-tank Filtration Systems
- FMP Series: Bag In-tank Filtration Systems
- FMP Series: Cartridge In-tank Filtration Systems

Water and Wastewater Issues:

- Industrial Wastewater Discharge Compliance: Environmental Training Workshop for Metal Finishers
- N.C. DPPEA's Water Efficiency Manual, Chapter 5: Metal Finishing
- Water Conservation for Electroplaters: Counter Current Rinsing
- Waste Conservation for Electroplaters: Rinse Tank Design
- Water Conservation for Electroplaters: Rinse Water Reuse
- Reducing Rinse Water Use with Conductivity Control Systems
- Reducing Dragout with Spray Rinses

Additional Information:

- Case Studies Amplate and C&R Hard Chrome Presentations (VHS Video, \$10.60)
- Waste and Cost Reduction Techniques for Small Parts Cleaners
- Finding an Alternative to Solvent Degreasing – Ultrasonic Aqueous Cleaning
- Directory of Markets for Recyclable Materials
- Nine case studies from metal finishers who have successfully reduced waste and improved efficiency
- Links to six industry Web sites with additional metal finishing pollution prevention information