

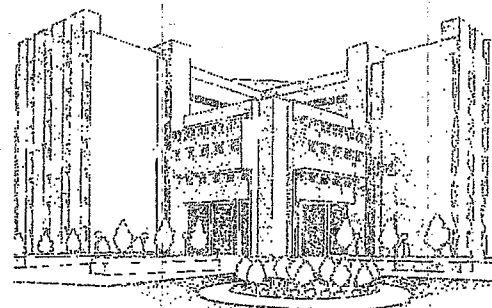
March 1993



POLLUTION PREVENTION RESEARCH BRANCH

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Pollution Prevention Research Branch Program

KEY SCIENTIFIC ISSUE:

How should consumer and industrial products and services be designed, manufactured, and used for a minimal effect on the environment?

The Pollution Prevention Research Branch at EPA's Risk Reduction Engineering Laboratory supports projects and provides technical assistance to encourage the development and adoption of technologies, products, and pollution prevention (P2) techniques to reduce environmental pollution.

Clean Technology Projects

To develop, demonstrate and evaluate innovative processes for reducing pollution through source reduction. Included are projects to develop techniques for measuring the benefits of utilizing cleaner technologies

Pollution Prevention Assessments

To identify P2 opportunities in a variety of industries and to transfer that technical information to assist others in implementing pollution prevention.

Clean Products Projects

To support the design and development of products whose manufacture, use, recycle and disposal represent reduced impacts on the environment. Included are projects to develop and demonstrate life cycle methodologies for determining the overall environmental impact of products

Long-Term P2 Research

To provide the technical foundation for breakthrough advancements that will lead to increased pollution prevention.

Cooperative P2 Projects with Other Federal Agencies

To promote pollution prevention in other Federal Agencies through cooperative research, training, and demonstration projects.

A compilation of summaries of current Branch projects is available from:
Current Projects
RREL, MS-466
Cincinnati, OH 45260

● Environmental Research Briefs:

Waste Minimization Assessment for a Manufacturer of:

Printed Plastic Bags	(EPA/600/M-90/017)
Metal Parts Coating Plant	(EPA/600/M-91/015)
Outdoor Illuminated Signs	(EPA/600/M-91/016)
Rebuilt Railway Cars and Components	(EPA/600/M-91/017)
Brazed Aluminum Oil Coolers	(EPA/600/M-91/018)
HVAC Equipment	(EPA/600/M-91/019)
Bumper Refinishing Plant	(EPA/600/M-91/020)
Multilayered Printed Circuit Board Mfg	(EPA/600/M-91/021)
Printed Circuit Boards	(EPA/600/M-91/022)
Paint Manufacturing Plant	(EPA/600/M-91/023)
Compressed Air Equipment Components	(EPA/600/M-91/024)
Aluminum Cans	(EPA/600/M-91/025)
Refurbished Railcar Bearing Assemblies	(EPA/600/M-91/044)
Prototype Printed Circuit Boards	(EPA/600/M-91/045)
Speed Reduction Equipment	(EPA/600/M-91/046)
Printed Labels	(EPA/600/M-91/047)
Chemicals	(EPA/600/S-92/004)
A Dairy	(EPA/600/S-92/005)
Metal-Cutting Wheels and Components	(EPA/600/S-92/006)
Auto AC Condensers & Evaporators	(EPA/600/S-92/007)
Printed Circuit Board Manufacturer	(EPA/600/S-92/008)
Components for Auto Air Conditioners	(EPA/600/S-92/009)
Aluminum Extrusions	(EPA/600/S-92/010)
Galvanized Steel Parts	(EPA/600/S-92/011)
Commercial Ice Machines & Storage Bins	(EPA/600/S-92/012)
Water Analysis Instrumentation	(EPA/600/S-92/013)
Can Manufacturing Equipment	(EPA/600/S-92/014)
Metal Bands/Taps/Recesses & Tapping	(EPA/600/S-92/015)
Remanufactured Gas Cylinders	(EPA/600/S-92/016)
Utility Structures	(EPA/600/S-92/017)
Aluminum Extrusions Manufacturer	(EPA/600/S-92/018)
Metal-Plated Display Frames	(EPA/600/S-92/019)
Motor Vehicle Engine Parts	(EPA/600/S-92/020)
Sheet Metal Cabinets & Precision Parts	(EPA/600/S-92/021)
Treated Wood Products	(EPA/600/S-92/022)
Industrial Coatings	(EPA/600/S-92/023)
Cutting and Welding Equipment	(EPA/600/S-92/024)
Finished Metal Components	(EPA/600/S-92/025)
Machined Parts	(EPA/600/S-92/026)
Injection-Molded Car & Truck Parts	(EPA/600/S-92/027)
Printed Circuit Boards	(EPA/600/S-92/028)
Custom Fabricated Sheet Metal	(EPA/600/S-92/029)
Sheet Metal Components	(EPA/600/S-92/030)
Officer-Controlled & Control Components	(EPA/600/S-92/031)
Binary Blends and Mixtures	(EPA/600/S-92/032)

● Facility Pollution Prevention Guide

(EPA/600/R-92/088)

● Guides to Pollution Prevention:

Pesticide Formulating Industry	(EPA/625/7-90/004)
Paint Manufacturing Industry	(EPA/625/7-90/005)
Fabricated Metal Products Industry	(EPA/625/7-90/006)
Printed Circuit Board Industry	(EPA/625/7-90/007)
Commercial Printing Industry	(EPA/625/7-90/008)
Selected Hospital Waste Streams	(EPA/625/7-90/009)
Research and Education Institutions	(EPA/625/7-90/010)
Photoprocessing Industry	(EPA/625/7-91/012)
Auto Repair Industry	(EPA/625/7-91/013)
Fiberglass Reinforced and Composite Plastics Industries	(EPA/625/7-91/014)
Marine Maintenance/Repair Industry	(EPA/625/7-91/015)
Automotive Refinishing Industry	(EPA/625/7-91/016)
Pharmaceutical Industry	(EPA/625/7-91/017)
Mechanical Equipment Repair	(EPA/625/R-92/003)
Metal Casting/Heat Treating Industry	(EPA/625/R-92/006)
Aerial Finishing Industry	(EPA/625/R-92/011)