



Pollution Prevention Information Clearinghouse (PPIC)

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WINTER 1998 NEW PUBLICATIONS

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DESIGN FOR THE ENVIRONMENT

PRINTED WIRING BOARDS

**981-008 Printed Wiring Board Case Study #7: Identifying Objectives
for Your Environmental Management System**

EPA/744/F-97/009

(4pp) December 1997

This case study describes the benefits of initiating an environmental management system (EMS), and describes the process by which a company can identify the environmental aspects of its operations and determine their significance, based on the experiences of H-R Industries, Inc., a PWB manufacturer.

**981-009 Printed Wiring Board Case Study #8: Building an Environmental
Management System: H-R Industries' Experience**

EPA/744/F-97/010

(4pp) December 1997

This case study describes the initial steps taken by a PWB manufacturer (H-R Industries, Inc.) to develop an environmental management system (EMS), shows the similarity between the requirements for ISO 14000 and ISO 9000, and demonstrates how the ISO 9000 quality system may be used to begin building an ISO 14000 EMS.

PRINTING

En Espanol

981-002 **Caso de Estudio #1 del Proyecto de Flexografia: Reduccion de VOC en la Flexografia**

EPA/744/F-96/013a

(4pp)

March 1997

This case study highlights the experience of one wide-web flexographic printer that successfully reduced VOC emissions and hazardous waste by switching inks. In particular, this case study shows how a water-based ink system and a water-based cleaning procedure can reduce VOC emissions, hazardous waste, operating costs, and worker health risks, and how the printer overcame challenges to print successfully with water-based inks.

981-003 **Caso de Estudio #2 del Proyecto de Flexografia: Aprendiendo de tres companias que redujeron las emisiones de VOC**

EPA/744/F-96/016a

(4pp)

May 1997

This case study presents the steps that three wide-web flexographic printers took to reduce their VOC emissions. In particular, it presents the factors considered in managerial decisions and how the decisions were implemented; and the two methods tried: switching to water-based inks, and installing an oxidizer.

ENFORCEMENT

PERMITTING

981-007 **Multimedia Pollution Prevention Permitting Report: Project Report**

EPA/902/R-97/003

(65pp)

August 1997

As one of the reinvention projects, EPA is working with several states to examine the feasibility of developing multimedia pollution prevention-based permits for industrial facilities. A multimedia permit, broadly defined, is a single enforceable agreement that controls releases to multiple environmental media with permitted releases to each medium determined in a coordinated manner, as distinct from the usual practice of writing separate permits for each medium (air, water, and soil/land.)

ENVIRONMENTALLY PREFERABLE PRODUCTS

981-004 **EPP Update #2**
 EPA/742/97/002
 (12pp) November 1997

The EPP Update is a semi-annual document produced to advise readers of current procurement-related activities within the Environmentally Preferable Purchasing (EPP) program. Update #2 includes articles related to Department of Defense's parking lot renovations, National Association of Counties' EPP pilot project efforts, the new BEE's software, and the EPP program's Pioneer Project.

981-005 **Leading by Example**
 EPA/742/R-96/006
 (75pp) December 1997

One of a pair of case studies documenting how the EPA minimized adverse environmental impacts in two of its new facilities. The facilities discussed are EPA's new Headquarters in DC (including the Ronald Reagan Building) and the new lab/office complex in Research Triangle Park (RTP), NC.

981-006 **Paving the Road to Success**
 EPA/742/R-96/007
 (40pp) December 1997

A case study of the Environmentally Preferable Purchasing Pilot Project that examines how EPP's can be used in parking lot renovation and repair.

GRANTS

981-001 **Pollution Prevention Incentives for States (PPIS) FY 1998**
 Grant Guidance
 (13pp) October 1997

This guidance describes the process by which EPA will award the grants under the Pollution Prevention Incentives for States (PPIS) grant program. EPA is continuing to focus this grant program to foster sustainability of pollution prevention programs and ensure that pollution prevention (P2) is a critical component in how states deliver environmental protection in the future. This document provides an overview of the program, description of the evaluation criteria, and time lines for submissions and final awards.

