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H₂SiF₆ for AlF₃ Production; 3.8 Miscellaneous P2 Practices and Best Management Practices; 3.9 Case Study of a Low-Cost P2 Opportunity at a PVC Plant; 3.10 Case Study of P2 in Ammonium Nitrate Production; References; Chapter 4. Refineries; 4.1 General Discussion
4.2 Pressure Relieving Systems
4.3 Inhalation Hazards from Tanker Operations; 4.4 Oil-Water Effluent Systems; 4.5 Air Emissions from Valves; 4.6 Cooling Tower Operations; 4.7 Miscellaneous Air Emissions; 4.8 Case Study of a Crude Oil Unloading Station; 4.9 IER Roadmap and Pollution Inventory; References; Chapter 5. The Wood Preserving Industry; 5.1 Introduction; 5.2 Historical Perspectives; 5.3 Industry Overview; 5.4 Chemicals Used by the Industry; 5.5 Technology Overview; 5.6 Sources of Pollution; 5.7 Emission Factors; 5.8 Case Studies; 5.9 TRI Reporting; 5.10 Waste Incineration Practices
5.11 Lessons Learned from the Case Studies
5.12 Source Controls and Best Management Practices; 5.13 Using P2 and EMS to Turn Profits; References; Chapter 6. The Food and Dairy Industry; 6.1 Introduction; 6.2 Industry Practices and Environmental Aspects; 6.3 Converting Waste to Energy; 6.4 Economies of Scale; 6.5 Meat Processing and Rendering; 6.6 Fruit and Vegetable Processing; 6.7 Vegetable Oil Processing; 6.8 Sugar Manufacturing; 6.9 Brewing; Glossary of Useful Terms; References; Chapter 7. P2 and Best Management Practices in Different Industries; 7.1 Iron and Steel Manufacturing
7.2 Lead and Zinc Smelting
7.3 Nickel Ore Processing and Refining; 7.4 Aluminum Manufacturing; 7.5 Copper Smelting; 7.6 Pulp and Paper Industry; 7.7 Cement Manufacturing; 7.8 Metals Finishing and Fabrication; Chapter 8. Environmental Economics; 8.1 Introduction; 8.2 Environmental Economics within the Context of Responsible Care; 8.3 Financial Planning Tools; 8.4 Summary of Tools; References; Chapter 9. Adopting an EMS; 9.1 Introduction; 9.2 Commitment and Environmental Policy; 9.3 Initial Environmental Review; 9.4 Planning the Environmental Policy; 9.5 Implementing the Environmental Policy
9.6 Measurement and Evaluation

Sommario/riassunto

Environmental regulations provide protection to the public, workers and the environment. To protect themselves from long-term liabilities, however, companies have to do more than just comply with the basic responsibilities. This handbook is designed to introduce terminology, methodology, tools, procedures and practical guidance for incorporating efficient pollution prevention strategies into the overall business plan. It is a company's responsibility to protect and control its management of waste and pollution, and a company that fails to do so will ultimately inflict a negative
