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Resources; Chapter 5. Volume Reduction Technologies; Introduction; Size Reduction; Concentrating Methods; Incineration of Municipal Sludge; Industry Approaches to Sludge Volume Reduction; A Short Review; Recommended Resources; Chapter 6. Biosolids Technologies and Applications; Introduction; General Information and Background; Public Issues Concerning the Use of Biosolids; Biosolids Treatment; Applications; A Short Review; Recommended Resources
Chapter 7. Industry PracticesThe Chemical Industry; Petroleum Refining; Aluminum Manufacturing; Iron and Steel; Lead and Zinc Smelting; Nickel Ore Processing and Refining; Copper Smelting; A Short Review; Chapter 8. Establishing P2 and Waste Minimization Programs; Introduction; P2 Drivers; Developing a P2 Program; Application of Life-Cycle Tools; A Short Review; Recommended Resources; Glossary of Environmental and Waste Management Terms; Index

Sommario/riassunto

This Handbook is an essential tool for plant managers, process engineers, environmental consultants, and site remediation specialists that focuses on practices for handling a broad range of industrial solid waste problems. In addition to equipment and process options, the author presents information on waste minimization practices that can be used in conjunction with or can provide alternatives to equipment and process investments. Environmental cost accounting measures and energy-efficient technologies are provided.Valuable information for those concerned with meeting government reg