Industrial Wastewater Treatment, Recycling and Reuse

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An ideal reference to help save you time and money when tackling wastewater treatment and recycling

KEY FEATURES

- Provides practical solutions for the treatment and recycling of industrial wastewater via case studies
- Instructive articles from expert authors give a concise overview of different physico-chemical and biological methods of treatment, cost-to-benefit analysis, and process comparison
- Supplies you with the relevant information to make quick process decisions

DESCRIPTION

*Industrial Wastewater Treatment, Recycling and Reuse* is an accessible reference to assist you when handling wastewater treatment and recycling. It features an instructive compilation of methodologies, including advanced physico-chemical methods and biological methods of treatment. It focuses on recent industry practices and preferences, along with newer methodologies for energy generation through waste.

The book is based on a workshop run by the Indus MAGIC program of CSIR, India. It covers advanced processes in industrial wastewater treatment, applications, and feasibility analysis, and explores the process intensification approach as well as implications for industrial applications. Techno-economic feasibility evaluation is addressed, along with a comparison of different approaches illustrated by specific case studies.

*Industrial Wastewater Treatment, Recycling and Reuse* introduces you to the subject with specific reference to problems currently being experienced in different industry sectors, including the petroleum industry, the fine chemical industry, and the specialty chemicals manufacturing sector.

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