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Chapter 15. Boiler Water Treatment Chapter 16. Corrosion Control in Industrial Water Systems; Chapter 17. Interactions of Polyelectrolytes with Particulate Matter in Aqueous Systems; Chapter 18. Mechanistic Aspects of Heat Exchanger and Membrane Biofouling and Prevention; Chapter 19. Biocides: Selection and Application; Chapter 20. Legionella in Water Systems; Chapter 21. Analytical Techniques for Identifying Mineral Scales and Deposits; Chapter 22. Deposit Control Polymers: Types, Characterization, and Applications; Chapter 23. Applications of Cationic Polymers in Water Treatment

Chapter 24. Recent Development in Water Treatment Chemicals Monitoring Index; Back cover

Sommario/riassunto

Mineral scale deposits, corrosion, suspended matter, and microbiological growth are factors that must be controlled in industrial water systems. Research on understanding the mechanisms of these problems has attracted considerable attention in the past three decades as has progress concerning water treatment additives to ameliorate these concerns. The Science and Technology of Industrial Water Treatment provides a comprehensive discussion on the topic from specialists in industry and academia. The book begins with an overview of water chemistry and cover
