



# An Introduction to Chemical Cleaning of Industrial Water Systems

By J Paul Guyer

Createspace Independent Publishing Platform, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This publication will introduce you to methods for cleaning industrial water systems with chemicals. You will learn about pre-operational cleaning which is performed to prepare water-contacted metal surfaces to receive chemical treatment to provide protection from scale, corrosion and microbiological growth. You will also learn about remedial cleaning to restore water systems that have been fouled with scale, corrosion products and microbiological growth due to inadequate or ineffective water treatment. Examples of industrial water systems for which chemical cleaning are applicable are boilers, heat exchangers, cooling towers, and chillers. Maintenance of an effective water treatment program is essential to minimize scale and corrosion problems in industrial water systems; however, scale and deposits will often form and require remedial cleaning. If not removed, these scale and water-caused deposits may impact the safety of operations personnel, interfere with heat transfer, and cause excessive damage to, or destruction of, the water-using equipment.



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