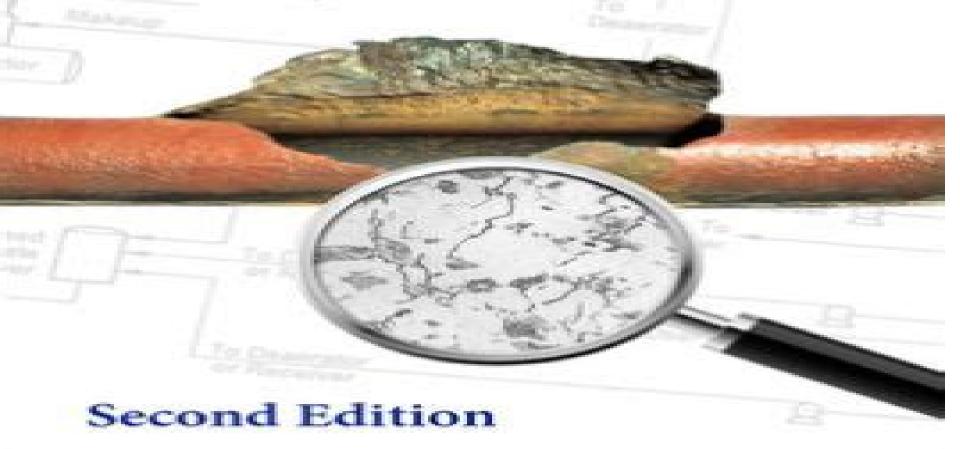
# The Nalco Guide to Boiler Failure Analysis



# **The Nalco Guide To Boiler Failure Analysis**

Harvey M. Herro, Robert D. Port, Nalco Chemical Company

#### The Nalco Guide To Boiler Failure Analysis:

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examines and analyzes typical and atypical corrosion failure cases and their prevention at refineries and petrochemical facilities including problems with pipelines tanks furnaces distillation columns absorbers heat exchangers and pumps In addition it describes naphthenic acid corrosion stress corrosion cracking hydrogen damages sulfidic corrosion microbiologically induced corrosion erosion corrosion and corrosion fatigue occurring at refinery units At last fouling corrosion and cleaning are discussed in this book The Nalco Water Handbook, Third Edition Compy Ecolab Company Compy NALCO Water, 2009-05-15 The Landmark Water Use and Conditioning Resource Fully Updated for the Twenty First Century Developed by the world's leading integrated water treatment and process improvement company The Nalco Water Handbook Third Edition provides comprehensive guidance on the use and conditioning of water and wastewater in any industrial or institutional facility Reflecting major advances in technology and the latest regulatory requirements this thoroughly revised classic covers basic water chemistry and explains how to improve water quality minimize water usage and implement more efficient treatment processes The Third Edition features new information on wastewater cooling systems microbiological control energy conservation environmental hygiene and steam generation problems and prevention Every essential water treatment topic is covered in this authoritative volume including The chemistry of water Water sources Contaminants Impurity removal Steam generation Energy in water systems Wastewater discharge Industrial and municipal use of water

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