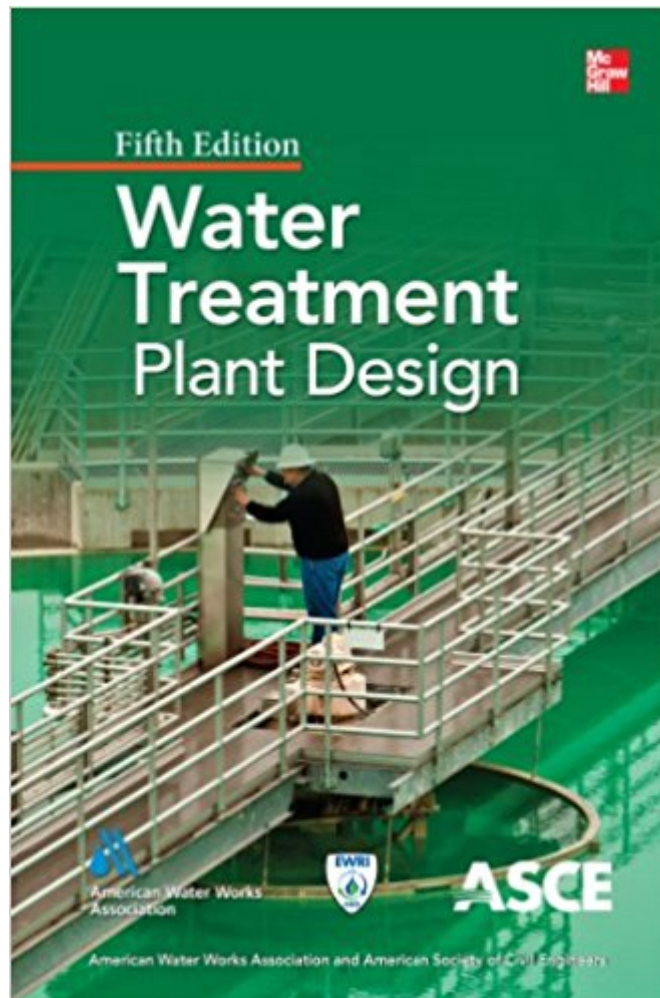




**Ebook Directory**  
the best source of ebook

The book was found

# Water Treatment Plant Design, Fifth Edition (Mechanical Engineering)



## Synopsis

### THE MOST TRUSTED AND UP-TO-DATE WATER TREATMENT PLANT DESIGN REFERENCE

Thoroughly revised to cover the latest standards, technologies, regulations, and sustainability practices, *Water Treatment Plant Design*, Fifth Edition, offers comprehensive guidance on modernizing existing water treatment facilities and planning new ones. This authoritative resource discusses the organization and execution of a water treatment plant project--from planning and permitting through design, construction, and start-up. A joint publication of the American Water Works Association (AWWA) and the American Society of Civil Engineers (ASCE), this definitive guide contains contributions from renowned international experts. **COVERAGE INCLUDES:**

- Sustainability
- Master planning and treatment process selection
- Design and construction
- Intake facilities
- Aeration and air stripping
- Mixing, coagulation, and flocculation
- Clarification
- Slow sand and diatomaceous earth filtration
- Oxidation and disinfection
- Ultraviolet disinfection
- Precipitative softening
- Membrane processes
- Activated carbon adsorption
- Biological processes
- Process residuals
- Pilot plant design and construction
- Chemical systems
- Hydraulics
- Site selection and plant arrangement
- Environmental impacts and project permitting
- Architectural design
- HVAC, plumbing, and air supply systems
- Structural design
- Process instrumentation and controls
- Electrical systems
- Design reliability features
- Operations and maintenance considerations during plant design
- Staff training and plant start-up
- Water system security and preparedness
- Construction cost estimating

## Book Information

File Size: 26770 KB

Print Length: 1376 pages

Simultaneous Device Usage: Up to 4 simultaneous devices, per publisher limits

Publisher: McGraw-Hill Education; 5 edition (June 22, 2012)

Publication Date: June 22, 2012

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B008ETD8GC

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #1,009,652 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #68  
in Kindle Store > Kindle eBooks > Nonfiction > Science > Environment > Water Supply #71  
in Kindle Store > Kindle eBooks > Nonfiction > Science > Nature & Ecology > Water Supply &  
Land Use #90 in Books > Engineering & Transportation > Engineering > Chemical > Plant  
Design

## Customer Reviews

Excellent Reference

It covers all aspect of water treatment , one of my best investments, it meets all standards. Love it  
love it

good reference material, complete and up to date

Perfect

I have been unable to read this book. The print is too small. You really need good eye sight to be  
able to read this book.

Kelly needs it , very good . Highly Recommend! Satisfied. good product with high quality.

[Download to continue reading...](#)

Water Treatment Plant Design, Fifth Edition (Mechanical Engineering) Pure Water: The Science of  
Water, Waves, Water Pollution, Water Treatment, Water Therapy and Water Ecology Shigley's  
Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) Water Quality &  
Treatment: A Handbook on Drinking Water (Water Resources and Environmental Engineering  
Series) Code Check Plumbing & Mechanical 4th Edition: An Illustrated Guide to the Plumbing and  
Mechanical Codes (Code Check Plumbing & Mechanical: An Illustrated Guide) The Mechanical  
Design Process (Mcgraw-Hill Series in Mechanical Engineering) Geometric Dimensioning and  
Tolerancing for Mechanical Design 2/E (Mechanical Engineering) The Mechanical Design Process  
(Mechanical Engineering) Water and Wastewater Engineering (Mechanical Engineering) Fruit  
Infused Water - 80 Vitamin Water Recipes for Weight Loss, Health and Detox Cleanse (Vitamin  
Water, Fruit Infused Water, Natural Herbal Remedies, Detox Diet, Liver Cleanse) Water Clarity  
Secrets for Ponds and Water Gardens: The Quick and Easy Way to Crystal Clear Water (Water

Garden Masters Series Book 5) The Definitive Guide To Well Water Treatment: Effective Treatment for Problem Well Water The Illustrated Practical Guide to Water & Rock Gardening: Everything You Need To Know To Design, Construct And Plant Up A Rock Or Water Garden With Directories Of Suitable Plants And How To Grow Them Practice Problems for the Mechanical Engineering PE Exam, 13th Ed (Comprehensive Practice for the Mechanical Pe Exam) American Horticultural Society Plant Propagation: The Fully Illustrated Plant-by-Plant Manual of Practical Techniques Process Equipment Malfunctions: Techniques to Identify and Correct Plant Problems (Mechanical Engineering) Chemical Engineering Design, Second Edition: Principles, Practice and Economics of Plant and Process Design Materials Selection in Mechanical Design, Fifth Edition Water Treatment Plant Operation (A Field Study Training Program, Volume 1, Sixth Edition) Geotechnical Earthquake Engineering, Second Edition (Mechanical Engineering)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)