

HANDBOOK OF RIGGING
5th Edition

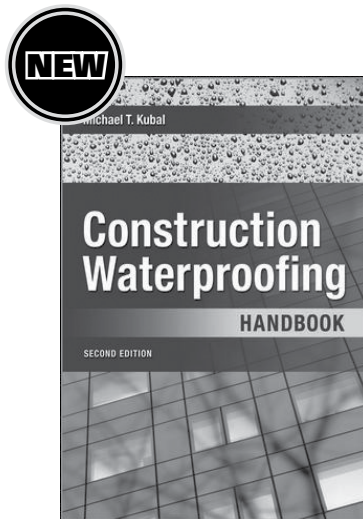
Joseph A. MacDonald, W.A. Rosznagel (deceased), and Lindley R. Higgins (deceased)

2009 (September 2008) • Hardcover
608 pages
ISBN-13: 978-0-07-149301-7

Recent years have seen an abundance of changes in the rigging industry. This popular, hands-on reference brings you completely up to date on equipment, materials, systems, and regulations that affect your profession. In addition, it covers new concepts regarding the design and construction of new buildings, as well as the alteration and modification of existing structures. Whether you are a maintenance technician, hoist operator, worksite foreman, or any other specialist requiring the use of rigging equipment, this comprehensive guide will help ensure that your projects are completed in a cost-effective manner, without sacrificing safety and efficiency.

HANDBOOK OF RIGGING COVERS:

- » Codes & Standards
- » OSHA Updates
- » Engineering Principles
- » Worksite Preparation
- » Rigging Systems, Devices, and Tools
- » Lifting & Hoisting Machinery
- » Scaffolding & Ladders



CONSTRUCTION WATERPROOFING HANDBOOK

2nd Edition

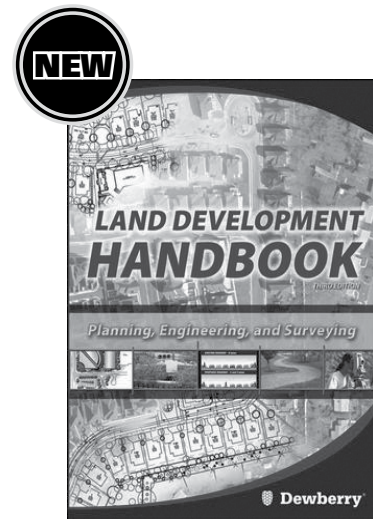
Michael T. Kubal

2008 • Hardcover • 576 pages
ISBN-13: 978-0-07-148973-7

Fully updated to include new techniques for mold remediation, Construction Waterproofing Handbook simplifies the critical task of keeping a building's envelope watertight. It begins with a tutorial on basic waterproofing concepts and materials, then moves on to the particulars of designing and installing systems in commercial, industrial, and residential structures. This comprehensive guide provides key information on such matters as quality assurance, admixtures, expansion joints, testing, and safety. Because of recent natural disasters, clients are more concerned with waterproofing than ever.

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- Chapter 1. Waterproofing Principles – The Building Envelope
- Chapter 2. Below-Grade Waterproofing
- Chapter 3. Above-Grade Waterproofing
- Chapter 4. Residential Waterproofing
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- Chapter 7. Admixtures
- Chapter 8. Remedial Waterproofing
- Chapter 9. Mold
- Chapter 10. The Building Envelope: Putting It All Together
- Chapter 11. Life Cycles: Quality, Maintenance, and Warranties
- Chapter 12. Envelope Testing
- Chapter 13. Leak Investigation and Detection
- Chapter 14. Safety
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LAND DEVELOPMENT HANDBOOK

3rd Edition

Dewberry & Davis (Design Firm)

2008 (July 2008) • Hardcover with CDROM • 1124 pages
ISBN-13: 978-0-07-149437-3

The Definitive Guide to Land Development-Every Detail, Every Issue, Every Setting

Land Development Handbook provides a step-by-step approach to any type of project, from rural greenfield development to suburban infill to urban redevelopment. With the latest information regarding green technologies and design, the book offers you a comprehensive look at the land-development process as a whole, as well as a thorough view of individual disciplines. Plus, a bonus color insert reveals the extent to which land development projects are transforming our communities!

CONTENTS

- » Overview of the Land
- » Development Process Feasibility and Site Analysis
- » Comprehensive Planning and Zoning
- » Site Plan Ordinances, Subdivision Regulations, and
- » Building Codes
- » Exactions, Infrastructure Enhancements, and Fees
- » Real Property Law
- » Engineering Feasibility
- » Environmental Regulations
- » Environmental Site Assessments
- » Historic and Archaeologic Assessment
- » Market Analysis and Economic Feasibility
- » The Rezoning Process

WATER QUALITY CONTROL HANDBOOK

2nd Edition

E. Roberts Alley

2007 • Hardcover • 848 pages

ISBN-13: 978-0-07-146760-5

Wastewater treatment professionals can turn to the updated Second Edition of Water Quality Control Handbook for cutting-edge information on designing and operating systems used to treat wastewater from industrial and domestic sources. This state-of-the-art guide explores design innovations, equipment selection, treatment processes, new regulations, and operating methods for achieving peak performance in all kinds of wastewater treatment facilities.

Noted pollution control expert E. Roberts Alley examines breakthroughs that are improving current wastewater treatment practice. He covers the optimization of activated sludge wastewater treatment through cation control ...pH control for quickly varying pH levels...and the use of separate activated sludge treatment units in series to efficiently treat a mixture of biodegradable and refractory organics. The author also discusses the design of activated sludge wetlands...new pollutant precipitation techniques...total nitrogen removal design... recommendations for reducing effluent toxicity to aquatic life...and much more.

ILLUSTRATED 2006 BUILDING CODES HANDBOOK

3rd Edition

Terry Patterson

2007 • Hardcover • 1116 pages

ISBN-13: 978-0-07-145799-6

This unique, one-stop reference is your most important resource for understanding and applying the 2006 International Building Code as it visually interprets complicated Code requirements with illustrations, examples, and explanations. Helps solve both nonstandard and routine situations with case study examples

New to this edition:

- » Understand and apply complex codes with the help of details and drawings, explanations, examples and case studies
- » Save time and money by omitting revisions and redesign
- » Increase the health, safety and welfare standards of buildings

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4th Edition

R L Brockenbrough

2006

Hardcover • 800 pages • 400 illus

ISBN-13: 978-0-07-143218-4

NEW TO THIS EDITION

- » Wind and seismic loadings (ASCE 7), published as a standard by the American Society of Civil Engineers and adopted by International Code Council for building codes
- » Latest bridge design specifications of the American Association of State Highway and Transportation Officials (AASHTO)
- » American Institute of Steel Construction (AISC) for allowable strength design (ASD) and load and resistance factor design (LRFD) to be integrated into a unified specification for the first time and released in 2005
- » International cold-formed steel unified design specifications from American Iron and Steel Institute (AISI) and the Canadian Standards Association (CSA) as a North American Standard for use in the United States, Canada, and Mexico.
- » Less is more, as the new edition will closely focus on design coupled with a wide variety of codes and standards from numerous multinational agencies.

FOUNDATION ENGINEERING HANDBOOK

Robert W Day

2006 Hardcover • 930 pages • 530 illus

ISBN-13: 978-0-07-144769-0

This practical resource focuses on foundation engineering, emphasizing the geotechnical aspects and the use of the International Building Code®.

FEATURES

- » Design with current building codes from the International Code Council
- » Work problems and solutions included for classroom use
- » Newest development in seismic analysis for foundations
- » Basic soil mechanics included
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- » Report Preparation including forms and checklists

DICTIONARY OF ARCHITECTURE AND CONSTRUCTION

4th Edition

Cyril M Harris, Columbia University

2006 • Hardcover • 1040 pages • 2500 illus

ISBN-13: 978-0-07-145237-3

Updated and expanded, this Fourth Edition of the most trusted reference in architecture offers the most comprehensive coverage of architectural and construction terms available. This classic dictionary now features nearly 25,000 definitions (including 2,800 new terms), 2,500 illustrations (including 200 new illustrations), and maintains its extraordinary visual appeal and easy-to-read page design. Prepared by a renowned architectural editor in association with expert contributors and incorporating the work of many standards groups, the book presents clear, concise definitions of terms in nearly 80 working areas. The Fourth Edition covers new industry terms which have emerged due to changes in engineering and building technologies, organizations, materials, and legal developments, and has been expanded to include more historic architectural styles. New terms include: Legal Architectural Barriers Act Wheelchair Accessible Materials Fibrous Concrete Latex Mortar Polymer-Based Stucco Concrete Compliance Conformity Refractory Mortar Organizations Building Research Establishment (formerly Building Research Station) of Great Britain ASTM Historic Architectural Styles Anglo-Palladianism French Victorian Isabellino Mudajar Mozarabic Neo-Rococo.

CONSTRUCTION CODES & INSPECTION HANDBOOK

Gil Taylor

2006

Softcover • 640 pages • 300 illus

ISBN-13: 978-0-07-146825-1

Comprehensive, practical, and visual, this resource provides you with instant access to job-critical information.

- » 600 tables, charts, checklists and calculations for quick look-up
- » Provides job-critical data on every major building code, including the IBC (International Building Code) -- the world's most widely adopted building code
- » Jargon-free explanations clarify complex codes
- » Covers construction procedures and standards for commercial and industrial projects

2006 INTERNATIONAL PLUMBING CODES HANDBOOK

R. Dodge Woodson

2006 • Softcover • 448 pages
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The fast and easy way to understand the 2006 International Plumbing Code

Written by authority by a veteran master plumber and master gasfitter, this indispensable resource interprets and annotates the 2006 International Plumbing Code using real-world examples and clear layperson language.

DICTIONARY OF LANDSCAPE ARCHITECTURE AND CONSTRUCTION

Alan Christensen

2005 • Hardcover • 479 pages • 300 illus
ISBN-13: 978-0-07-144142-1

In an industry that involves the skills, expertise, and labor of a wide-range of professionals and workers, good communications become crucial, and a common vocabulary is key to successful projects. Many of the terms used in landscape architecture, land planning, environmental planning, and landscape construction are unavailable, or so new, or industry-specific that they can't be found in conventional dictionaries. This unique resource delivers definitions as well as how-to information via details and photos, going above and beyond the scope of a typical professional dictionary. With straightforward definitions and clear illustrations on each page, everyone from architects, designers, and contractors through grounds maintenance workers will benefit from this important resource. In addition, an appendix with labeled construction details will illustrate not just what a term means, but also how it's applied in the profession.

HIGHWAY ENGINEERING HANDBOOK

2nd Edition

R. L. Brockenbrough and Kenneth J. Boedecker

2004 • Hardcover • 850 pages
ISBN-13: 978-0-07-140080-0

CONTENTS

1: Environmental Issues. 2: Highway Location, Design, and Traffic. 3: Pavement Design and Rehabilitation. 4: Bridge Engineering. 5: Culverts, Drainage, and Bridge Replacement. 6: Safety Systems. 7: Signing and Roadway Lighting. 8: Retaining Walls. 9: Noise Walls. 10: Value Engineering and Life Cycle Cost.

HVAC SYSTEMS DESIGN HANDBOOK

4th Edition

Roger W. Haines & C. Lewis Wilson

2004 • Hardcover • 540 pages
ISBN-13: 978-0-07-139586-1

An update to a classic reference providing a treasure of applications, on-the-job insights, data, and direction needed to design effective and efficient HVAC systems for residential, commercial, and industrial systems.

HANDBOOK OF BUILDING MATERIALS FOR FIRE PROTECTION

Charles A Harper, Technology Seminars

2004 • Hardcover • 800 pages
• 200 illus

ISBN-13: 978-0-07-138891-7

Fire Protection Building Materials Handbook walks you through the challenging maze of choosing from the hundreds of commercially available materials used in buildings today and tells you which burn and /or are weakened during exposure to fire. It is the burning characteristics of materials, which usually allow fires to begin and propagate, and the degradation of materials that cause the most damage. Providing expert guidance every step of the way, Fire Protection Building Materials Handbook helps the architect, designers and fire protection engineers to design and maintain safer buildings while complying with international codes.

HANDBOOK OF TRANSPORTATION ENGINEERING

Myer Kutz, Myer Kutz Assoc; Inc

2004 • Hardcover
• 1000 pages • 400 illus
ISBN-13: 978-0-07-139122-1

Covers all modes of transportation from air, land, and water. Extensive sections on road construction and maintenance, bridge construction and maintenance and repair, as well as Mass Transit systems. Covers airline traffic control systems, Airline Schedule Planning, and Airline Ground Operations. Marine Transportation, Rail Transportation and Freight Transportation are covered.

STANDARD HANDBOOK FOR CIVIL ENGINEERS

5th Edition

Frederick S Merritt, Jonathan T Ricketts, and M Kent Loftin

2004 • Hardcover
• 1600 pages • 700 illus
ISBN-13: 978-0-07-136473-7

A revision of the classic reference covering all important principles and techniques needed by practicing civil engineers. New edition incorporates the most current code changes including ACI, AISC, ASTM, and NDS for wood structures and has increased emphasis on SI units and stormwater runoff. Includes current EPA and OSHA regulations. Covers system design, community and regional planning, the latest design methods for buildings, airports, tunnels, and bridges, and much more.

McGRAW-HILL DICTIONARY OF ENGINEERING

2nd Edition

Sybil P. Parker

2004 • Softcover • 608 pages
ISBN-13: 978-0-07-141050-2

An essential reference for all professional engineers, writers, and students, this comprehensive dictionary covers the terms and concepts used in the major engineering disciplines, such as chemical, civil, design, industrial, mechanical, mining, acoustics, petroleum, and systems engineering. The book includes 15,000 terms—each definition identified by the field in which it is primarily used. Readers will also find handy cross references, as well as an appendix with conversion tables and SI units.

WATER WELLS AND SEPTIC SYSTEMS HANDBOOK

R Woodson

2004 • Hardcover • 448 pages
• 200 illus
ISBN-13: 978-0-07-140200-2

The concept of this book is to provide readers with a definitive guide to water well and septic systems. There is no other book available on this subject that is as current or exhaustive including key elements required to install, inspect, maintain, repair, and replace private water and sewage supplies. Laced throughout is code commentary based on the most current International Code pertaining to septic systems (International Private Sewage Disposal Code). Current standards from the American Water Works will be offered including Water Wells – A100-97 and Disinfection of Wells – C 654-97. There has never been a mainstream book that includes this code and standards information. Water Wells and Septic Systems Handbook is destined to be the most valuable book available on the subject.

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