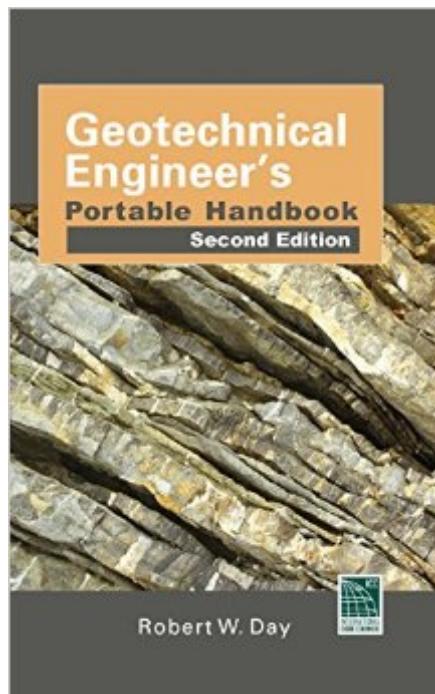


The book was found

Geotechnical Engineers Portable Handbook, Second Edition



Synopsis

Instant access to the latest geotechnical engineering data Fully updated to include the 2012 International Building Code (IBC), Geotechnical Engineer's Portable Handbook, Second Edition, features a wealth of on-the-job geotechnical and construction related information in a convenient, quick-reference format. This practical resource is filled with essential data, formulas, and guidelines you can access right away. Detailed tables, charts, graphs, and illustrations are included throughout the book for ease of use in the field. Coverage includes: Field exploration Laboratory testing Soil and rock classification Phase relationships Effective stress and stress distribution Shear strength Permeability and seepage Settlement analyses Bearing capacity analyses Pavement and pipeline design Expansive soil Slope stability Geotechnical earthquake engineering Erosion analyses Retaining walls Deterioration Foundations Grading and other site improvement methods Groundwater and percolation tests Excavation, underpinning, and field lead tests Geosynthetics Instrumentation International Building Code regulations for soils International Building Code regulations for foundations

Book Information

Paperback: 1088 pages

Publisher: McGraw-Hill Education; 2 edition (March 22, 2012)

Language: English

ISBN-10: 0071789715

ISBN-13: 978-0071789714

Product Dimensions: 5 x 1.4 x 8 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 starsÂ See all reviewsÂ (14 customer reviews)

Best Sellers Rank: #196,623 in Books (See Top 100 in Books) #17 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Earthwork Design #30 inÂ Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Contracting #73 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural

Customer Reviews

I bought this last minute as an additional reference for the Civil Geotechnical PE exam. I don't typically perform geotechnical type work in my field and admittedly I didn't read the book thoroughly before the test. I did pass the PE exam and felt this book was a big part of it. Without divulging the nature of the exam questions I will say this book had very useful information in responding to many

of the qualitative questions for which normal graduate level textbooks and review materials had nothing. I firmly believe I answered a number of the afternoon questions correctly due to this book. With so much information (and I mean this book talks about everything) this book is definitely a keeper even after the exam and it sits proudly on my cubicle bookcase next to my Engineering Licensure certificate.

I bought this book to use as a quick reference for looking up various specs, practices, and conversions on the job sites. Though a bit expensive, the book is worth its near \$60 price tag. If you have ever spent hours digging through old text books or the internet looking for specs or construction techniques then you know it's a pain in the *ss. I bought this handbook because I wanted an all-inclusive source for everything. So far it has been money well spent. With Mr. Day's handbook you can find what you're looking for in a matter of several minutes. The handbook has just the right amount of knowledge about particular subjects, in my opinion. Using this quick reference has made my job much easier. It travels with me to all my jobs and sits on my desk at the office just in case I need it. So far everything that I've needed to know has been covered in the handbook. I even thought I'd stump it with geosynthetics, but Mr. Day had it covered. I would recommend this book to any engineering firm or contractors needing a quick and easy field guide to geotechnical engineering. I'll update my review as needed.

It appears to be a fairly comprehensive book. The only reason I'm rating it three stars is that the font in the paper format is tiny. I have trouble reading it even with my readers. I find the figures are even more difficult to see. I would also note that this is a fairly thick volume, which speaks to its contents, but as such is not something that I'd keep in my briefcase on a daily basis.

Thought it would be bigger than what it was. Hoping for more comprehensive coverage on foundations and earthquake engineering but I guess there is other handbooks for those topics. Font is extremely small. Was hoping for something similar to the civil engineering reference manual but for the GE exam.....

Used this book for the NCEES Civil PE Geotechnical Depth Exam. Amazing resource! Contains equations, diagrams and conceptual information.

I will take this book everywhere I go: to the office, to the project sites, to the client meetings, to bed.

This books is a must have!!

Incredible concise condensed compendium of geological concepts, formulas, diagrams, and solved problems. Nothing more needs to be said...are there enough words now?

This is generally good book. But I was expecting more soil and rock drilling and coring information in this book.

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

Geotechnical Engineers Portable Handbook, Second Edition Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) The Portable Nietzsche (Portable Library) Physics for Scientists and Engineers, Vol. 1: Mechanics, Oscillations and Waves, Thermodynamics (Physics for Scientists & Engineers, Chapters 1-21) The Portable Enlightenment Reader (Portable Library) The Portable MBA in Entrepreneurship (The Portable MBA Series) Offshore Geotechnical Engineering Landscape Architect's Portable Handbook Electrical Engineer's Portable Handbook BIM Handbook: A Guide to Building Information Modeling for Owners, Managers, Designers, Engineers and Contractors Collins Italian Dictionary Pocket Edition: 60,000 Translations in a Portable Format (Italian and English Edition) Dual Language Development & Disorders: A Handbook on Bilingualism & Second Language Learning, Second Edition (CLI) Using MPI - 2nd Edition: Portable Parallel Programming with the Message Passing Interface (Scientific and Engineering Computation) MATLAB for Engineers (2nd Edition) The Norton Introduction to Literature (Portable Eleventh Edition) Vector Mechanics for Engineers: Statics, 11th Edition Schaums Outline of Thermodynamics for Engineers, 3rd Edition (Schaum's Outlines) Occupational Safety and Health for Technologists, Engineers, and Managers (8th Edition) Chinese Herbal Medicine: Materia Medica (Portable 3rd Edition) Physics for Scientists and Engineers: A Strategic Approach with Modern Physics (2nd Edition)

[Dmca](#)