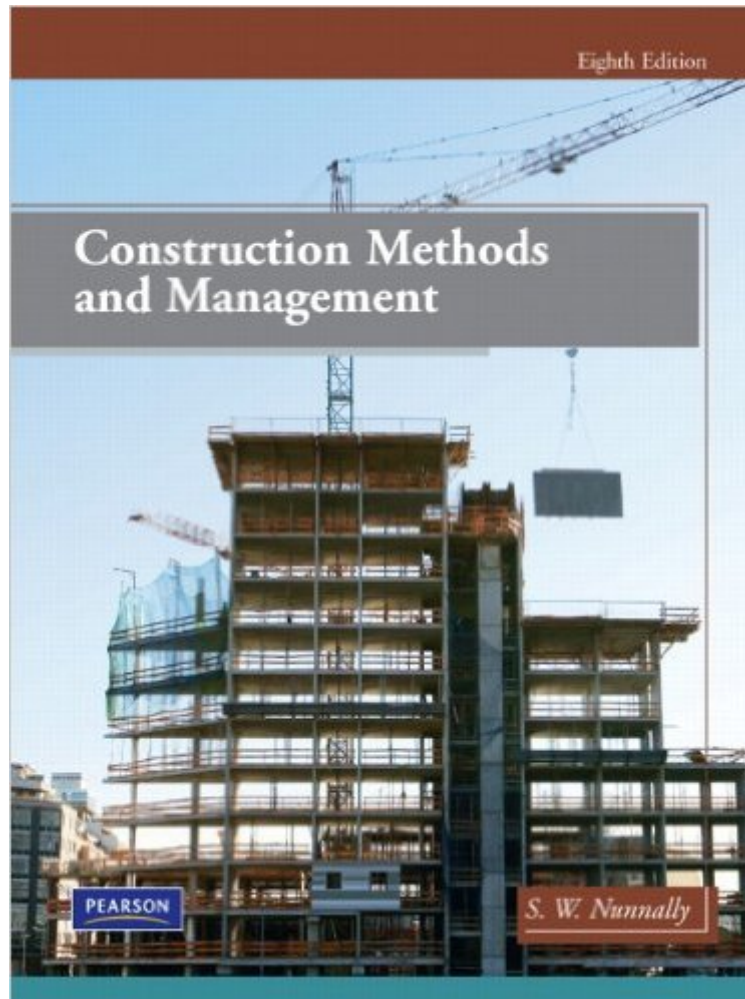


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# Construction Methods And Management (8th Edition)



## Synopsis

Construction Methods and Management, 8/e, is designed to guide construction engineers and managers in planning, estimating, and directing construction operations safely and effectively. Comprehensive and up-to-date, the text integrates major construction management topics with an explanation of the methods of heavy/highway and building construction. It incorporates both customary U.S. units and metric (SI) units and is the only text to present concrete formwork design equations and procedures using both measurement systems. This edition features information on the latest developments in soil excavation, asphalt paving, and earthmoving equipment.

## Book Information

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## Customer Reviews

If I could post "0" stars, I would. By far, one of the worst textbooks I've ever come across!

Horrendous math computations that are incorrect. Hardly states in example problems, where values are derived, or how. Everything is assumed, yet, for a student, how are they to assume, if they theoretically never been introduced to these concepts implied by the tables of values. Numerous times, there values just sitting around, and only after a few page flipping and countless calculations, you discover that the author derived a value via interpolation. Even then, values that are interpolated, are not explicitly explained as to why they are utilized. I can't believe the publishers and review committee allowed this edition to be printed. Example, chpt. 7 pg.115. It reads "100-.39.."It should be "1-.39.."...the authors just appear to come off as lazy folks who can care less about educating next generation of engineers properly. Quite frankly, I'm concerned how a person

to hold a professional license with so many mistakes like this? I'm assuming the interns probably check all his work for major projects. Aside from that, much of the concepts are not adequately explained. Professors at universities should seriously just avoid using this book. You learn more from googling the concepts, and reviewing slides of a professor who actually KNOWS what he's talking about and teaching.

If you are an excavation or foundation SUB this may be quite helpful, particularly for road building. I found much of the info on ability and capacities of equipment: loaders, cranes, scrapers; concrete and aggregate production, paving, interesting but not info I need as a CM PM to build buildings in cities. If you want to know how to plan the construction of tall buildings, foundation planning, scheduling, staging, etc. don't look to this book. "Construction Mgmt.", which touched lightly on my interest, starts on page 479 of a 550 page book. This book is simply inaccurately titled.

So this book was require for my construction management class, and it is a pretty decent book, clear in explanation, but a bit dull to read. My absolute biggest problem with this book is that I found it had about 50 pages missing (pg 206-254). The pages weren't ripped out, I think it must have been a binding issue from the publisher. I found this out when trying to lookup information on concrete construction and found that there were only two pages of the chapter before it skips a chapter and a half and talks about masonry. So if you get this book WATCH OUT for binding mistakes.

We used this book for our construction equipment and methods class along with the CAT performace manual, and together, I thought they complimented each other quite well. This book is great because it touches on the basics of earthwork and excavation and gets you ready for courses in estimating, scheduling and cost control. I enjoyed using this textbook because the questions make you analyze construction problems from many different angles and not just look from a "here's the problem, here's the answer" point-of-view. \*All in all, I would have to say that this a very good and useful textbook.\* -M.

I purchased this book October 2011 in preparation for the Professional Engineering Examination (Civil) April 2012. It was a great help in preparing for the exam. I used it during the exam to help solve a question or two. Highly recommended! I found this text to be an excellent resource for scheduling and production.

This book is a basic introductory text to the construction industry, focusing on earth moving operations, water pumping operations, and finally on physical construction methods. Unfortunately, a lot of the examples in this book contain numerical errors. For example, many of the examples contain references to data tables, and data from those tables is utilised for the analysis. Often, the examples use data entries that are obviously wrong, and thus invalidate the rest of the example, forcing the student to rework the example. This can be found throughout the book, but luckily the examples aren't too hard to rework. For anyone interested in the construction industry, I don't recommend you buy this book. Getting out on site is the best learning experience. You should only buy this book if you need to (eg, for an undergraduate university subject) and then sell it off at the conclusion of the subject.

I purchased this book for my required class and I have worshiped this book. This book gives lots of technical information and example calculations on a wide range of construction tasks. The book offers many examples that are on the PE exam. The book is an excellent source of reference for construction managers, contractors and engineers. I have an earlier edition of this book but I feel that this edition has enhanced illustrations and better step by step calculation examples. I will keep this book forever and if you purchase it I guarantee you will do the same.

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