



Construction Planning, Equipment, and Methods, Seventh Edition

By Aviad Shapira, Clifford J. Schexnayder, Robert Peurifoy

Tata McGraw-Hill Education Pvt. Ltd., 2010. Softcover. Book Condition: New. 5th or later edition. Construction Planning, Equipment, and Methods provide the reader with the fundamentals of machine utilization and production estimating in a logical, simple, and concise format. Hundreds of photos and illustrations have been added to make this book more accessible to both students and professionals. The book also provides an understanding of machine capabilities and how to properly apply those capabilities to construction challenges. Table of contents Machines Make It Possible 2. Fundamental Concepts of Equipment Economics 3. Planning for Earthwork Construction 4. Soil and Rock 5. Compaction and Stabilization Equipment 6. Machine Equipment Power Requirements 7. Dozers 8. Scrapers 9. Excavators 10. Trucks and Hauling Equipment 11. Finishing Equipment 12. Drilling Rock and Earth 13. Blasting Rock 14. Aggregate Production 15. Asphalt Mix Production and Placement 16. Concrete and Concrete Equipment 17. Cranes 18. Draglines and Clamshells 19. Piles and Pile-Driving Equipment 20. Air Compressors and Pumps 21. Planning for Building Construction 22. Forming Systems Appendix A: Alphabetical List of Units with Their SI Names and Conversion Factors Appendix B: Selected English-to-SI Conversion Factors Appendix C: Selected U.S. Customary (English) Unit Equivalents Appendix D: Selected Metric Unit...



READ ONLINE
[8.76 MB]

Reviews

Complete guide for publication enthusiasts. I have read and i am sure that i will going to study again once again in the future. Your way of life period will be transform once you total looking over this publication.

-- **Shayne O'Conner**

This composed publication is great. It is one of the most remarkable publication i have got read through. I am just quickly could get a delight of looking at a composed book.

-- **Caden Buckridge**