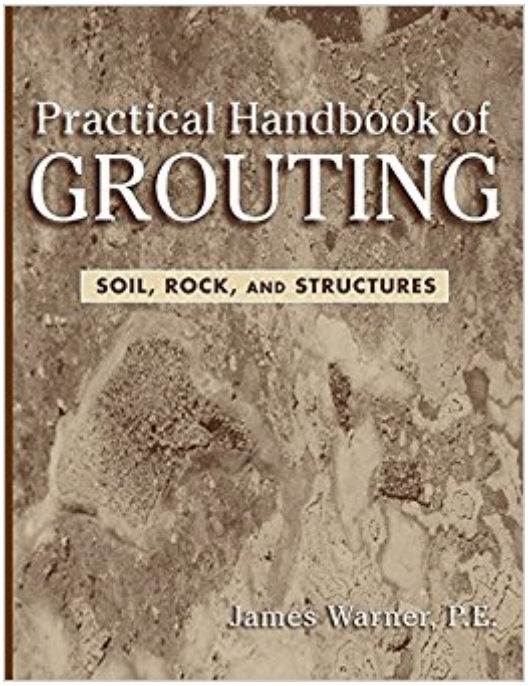
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Practical Handbook Of Grouting: Soil, Rock, And Structures



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Synopsis

The first complete handbook for every aspect of grouting technology The Practical Handbook of Grouting offers the most comprehensive, single-source reference covering all facets of grouting technology, including its application for control of water movement, strengthening of both soil and rock, and a wide range of structural applications. Richly illustrated with hundreds of informative photographs, graphs, and figures, this handbook provides invaluable advice on all stages of a project from initial investigation and design, through execution, monitoring, and quality control. Broad coverage in the Practical Handbook of Grouting begins with a general overview of the topic and includes design and quality control issues, injection techniques, and a thorough discussion of drilling and grouting equipment, with practical focus on building custom equipment. Enriched with real-world insights from the author, the Practical Handbook of Grouting features the latest information on: * Cementitious and noncementitious grouts, including new admixtures and polymers * Special construction requirements, including grouting inside structures, underground spaces, in extreme environments, and for emergency response support * Grouting equipment, including pumps, mixers, agitators, and delivery and monitoring systems * Pump mechanics, including the advantages and limitations of all pump types * "The Games Contractors Play," including marketing efforts, proposal trickery, on-the-job issues, and defending bad work Complete with an extensive bibliography and references, the Practical Handbook of Grouting is a valuable resource for civil, structural, and geotechnical engineers, geologists, contractors, and students in related fields.

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Customer Reviews

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JAMES WARNER, P.E., has specialized in the use of grouting for geotechnical applications and structural repair for more than fifty years as both a contractor and engineer.

Great book. Any professional seriously involved in grouting operations should have this book. I have 4 books related to grouting and this one just became the my main source of information when dealing with these type of tasks. Really glad I found it.

Useful and practical for the profesional Engineer who is in the entry level in the grouting theme.

Good reference on grouting that runs from basic descriptions and introduction to in depth overviews of specific grouting topics. Excellent for entry level all the way up to a engineer/specifiers desk reference. I think this was worth the $100+ price.

I have used this text extensively as a practicing engineer on projects requiring ground treatment. In some cases, it was used as a reference in order to provide information on potential grouting options. In others, it was used on projects that involved the design, observation, and monitoring of geotechnical grouting. All around, this must be considered the definitive work to-date on grouting design and construction for geotechnical purposes. Warner's book is up-to-date (as nearly as a published text can be) with the latest concepts, construction techniques, design methodologies, and suggestions. It has proven so valuable to me in my work, that I have consulted the author on grouting issues.This is a must-have text for engineers and contractors involved in grouting.

This book provides a comprehensive guide to many types of grouting. It has many common sense approaches to solving different problems and describes different processes and procedures in detail. We are a specialty geotechnical contractor and I provide a copy of the book to our engineers and any field personnel that aspires to be a superintendent. The book has a lot of technical information but you do not need a technical background to understand it.

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