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Field Manuals

# FIELD ENGINEER'S MANUAL

Third Edition

**Includes expanded sections  
and updated information**

**New sections on sewage treatment,  
water supply, and fire protection**

**Contains mathematical formulas  
and general conversion tables**



**ROBERT O. PARMLEY, P.E.**



# Field Engineer's Manual

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Third Edition

**ROBERT O. PARMLEY, P.E.**

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Editor-in-Chief



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Dedicated to Lana and our first grandchild,  
Clay Alexander Parmley, who was born during  
the final production of this book.



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# Safety and First Aid

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