Welcome to the 2010 Electrical Catalog

Jones & Bartlett is proud to present our growing list of electrical titles, which now includes the expanding Ugly’s Professional Reference Series! As you peruse the catalog, you will see new editions of some of our most popular titles, as well as newly developed texts by renowned authors, educators, and professionals.

Qualified instructors are invited to request a complimentary review copy of any title featured in this catalog. I welcome your feedback upon completion of any review. Your input is extremely important to me when publishing new texts and developing new editions.

As the editor for Jones & Bartlett's Electrical titles, I would like to hear from you. If you have a book idea or would like to be considered as a reviewer, please contact me!

Also, I encourage you to keep abreast of new products, special offers, and industry trends on our electrical social networking sites.

Facebook: Ugly’s Electrical References
Twitter: uglysbooks
Blog: http://portfolio.jblearning.com/trades

Best,
Martin Schumacher
Acquisitions Editor, Electrical
mschumacher@jbpub.com

EMS, Fire & Safety – From emergency medical services and fire training, to first aid and CPR, construction safety, and law enforcement, Jones & Bartlett is the leading provider of education and assessment resources for public safety professionals.

Health & Medicine – Working directly with many of the world’s leading health science authors, thought-leaders, and professional associations, Jones & Bartlett produces market-leading college textbooks, electronic reference materials, drug reference handbooks, and patient education materials for consumers of healthcare services.

Science, Computing, Engineering & Mathematics – From human biology to complex analysis, Jones & Bartlett is transforming scientific and technical learning with tools designed to enrich the learning experience and improve course outcomes.

Career Education & Trades – With market-leading brands such as CDX Automotive—an innovative training solution for automotive service technicians—Jones & Bartlett is redefining how skill-based education is delivered for the career education market.

For more information or to review our online product catalog, visit us on the web at www.jbpub.com.
NEW AND FORTHCOMING

CONTENTS

4 Easy Ways to Order
1. Toll Free: 1-800-832-0034
2. Fax: 978-443-8000
3. Mail: 40 Tall Pine Drive, Sudbury, MA 01776
4. Web: www.jbpub.com

Textbook Examination Copies
Complimentary† review copies are available for qualified instructors who wish to consider a text for course adoption. For fastest service, make your request online at www.jbpub.com or, let our knowledgeable publisher’s representatives help you find the text that best meets your course needs.

20% Off and Free Shipping**
Order online at www.jbpub.com and use promo code Elcat10 through 12/31/2010

New and Forthcoming

Ugly’s Professional Reference Series
Residential Wiring
Commercial & Industrial Electrical Design
Motors & Controls
National Electrical Code
Electrical Safety
License Preparation
Special Topics

A Note about Student and Instructor Resources

Many of our textbooks are accompanied by print and online instructor and student resources. Wherever these resources are available, they are noted as follows:

Instructor Resources:
AK = Online Answer Key to End-of-Chapter Questions
IB = Image Bank
ITK = Instructor’s ToolKit
PP = PowerPoint Slides
TB = Test Bank

Student Resources:
CD = CD-ROM
SG = Study Guide

†Jones and Bartlett Publishers reserves the right to evaluate requests for complimentary review copies. **Offer valid through 12/31/2010. Must use coupon code: Elcat10. Suggested U.S. list price. Prices are subject to change. Not valid with other offers or on prior purchases. Offer not valid on retail, trade, or wholesale orders. Individual purchases only. Shipping to U.S. Addresses only. Sales tax will be applied to your order. If you are not completely satisfied with your purchase, please return it within 30 days for a full refund or replacement copy.
### New for 2010

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ugly’s Electrical References, 2011 Edition</td>
<td>5</td>
</tr>
<tr>
<td>Ugly’s Carpentry References</td>
<td>8</td>
</tr>
<tr>
<td>Ugly’s Plumbing References</td>
<td>8</td>
</tr>
<tr>
<td>Electrical Design of Commercial and Industrial Buildings</td>
<td>10</td>
</tr>
<tr>
<td>Stallcup’s® Illustrated Code Changes, 2011 Edition</td>
<td>12</td>
</tr>
<tr>
<td>Complete Guide to Arc Flash Calculation Studies</td>
<td>15</td>
</tr>
<tr>
<td>The Electrical Safety Program Book, Second Edition</td>
<td>15</td>
</tr>
<tr>
<td>Stallcup’s® Master Electrician’s Study Guide, 2008 Edition</td>
<td>17</td>
</tr>
</tbody>
</table>
Ugly’s Electrical References
2011 Edition

George V. Hart and Sammie Hart

Electricians know, when it comes to on-the-job references, Ugly’s can’t be beat! This essential pocket guide has remained the industry standard for over 25 years by providing electricians with fast access to the most commonly required electrical information. Now, completely updated for the 2008 National Electrical Code® (NEC), Ugly’s continues its excellent tradition as a vital, on-the-job resource with its coverage of pertinent mathematical formulas, NEC tables, wiring configurations, conduit bending, voltage drops, and life-saving first aid procedures.

$18.95* • Spiral • 184 Pages • © 2012

Ugly’s Electrical References
2008 Edition

$16.95* • Spiral • 190 Pages • © 2008

Substantial Savings on Bulk Orders of Ugly’s!

Special bulk pricing applies to all titles in the Ugly’s Professional Reference Series. This means you can mix and match Ugly’s titles to receive a greater discount.

For more information, or to see if you qualify to receive this discount, contact Linda McGarvey at lmcgarvey@jbpub.com or call 1-800-832-0034 ext. 8229.

<table>
<thead>
<tr>
<th>Qty</th>
<th>Discount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-9</td>
<td>List Price</td>
</tr>
<tr>
<td>10-49</td>
<td>20% Discount</td>
</tr>
<tr>
<td>50-99</td>
<td>45% Discount</td>
</tr>
<tr>
<td>100-499</td>
<td>50% Discount</td>
</tr>
<tr>
<td>500-999</td>
<td>60% Discount</td>
</tr>
<tr>
<td>+1,000</td>
<td>65% Discount</td>
</tr>
</tbody>
</table>

Now the classic Ugly’s is available in Spanish! This must-have reference for Spanish-speaking electrical professionals and students is packed with comprehensive and easy-to-read tables, while the handy, pocket-sized format makes locating facts quick and easy.

$19.95* • Spiral • 188 Pages • © 2010
Ugly’s Electrical Desk Reference
2008 Edition

The industry’s best on-the-job pocket guide is now available as a desk reference; packed with essential electrical information and easy-to-read charts, diagrams, calculations, illustrations, and tables. With its larger size, new key terms and definitions, and additional information on electrical safety, Ugly’s is an indispensable resource for every office, keeping essential information readily at hand.

Key Features
• Larger Format makes critical information easy to find and read
• Definitions in the margin clarify common and complex terminology
• NEC Links reference related articles and sections of the 2008 National Electrical Code®
• Most Common Mistakes highlight safety considerations for certain procedures
• Tips for New Electricians provide valuable solutions for commonly made mistakes
• Additional Practice solves calculations step-by-step in the margin

$39.95* • Spiral • 192 Pages • © 2010

Ugly’s Electrical Safety and NFPA 70E®

Ugly’s Electrical Safety and NFPA 70E® is the first pocket-sized summary of NFPA 70E® 2009 Edition with references to current OSHA regulations and the 2008 National Electrical Code® (NEC). Designed to provide fast access to the most commonly referenced sections of NFPA 70E and related safety standards, Ugly’s covers the safety requirements of electrical systems operating at or below 600 volts, including: six-step procedures for establishing an electrically safe work condition, meter safety, safe electrical work practices, Personal Protective Equipment (PPE), configurations, electrical hazards, and first aid.

Key Features
• Completely up-to-date for NFPA 70E® 2009 Edition, the 2008 NEC, and OSHA regulations, with a discussion on how the three relate to one another
• Detailed coverage of Arc Flash hazards and causes, Arc Blast hazards, and contact and non-contact hazards
• Includes information on available PPE and its appropriate use

$19.95* • Spiral • 184 Pages • © 2010
Ugly’s Electric Motors and Controls

*Ugly’s Electric Motors and Controls* is a quick, on-the-job reference specifically designed to provide the most commonly required information on the design, installation, application, and maintenance of motors and controls in an easy-to-read, easy-to-access format. This essential pocket guide uses diagrams, calculations, and quick explanations to ensure jobs are completed safely and correctly and in accordance to industry standards.

**Key Features**
- Completely up-to-date for the 2008 National Electrical Code®
- Thorough explanations on how to calculate synchronous speed, running speed, cost of operating an electrical appliance, amperes, horsepower, kilowatts, KVA, voltage drops, and more
- Coverage of AC and DC motor operation at over- and under-voltages, full-load current for direct-current motors and single-phase alternating current motors in amperes, as well as three-phase alternating current motors full-load current
- Includes NEMA enclosure types for hazardous and nonhazardous locations

$19.95* • Spiral • 122 Pages • © 2010

Ugly’s Residential Wiring

Find practical solutions to common problems encountered while installing or replacing electrical wiring with *Ugly’s Residential Wiring*. This handy pocket guide includes helpful information on: wiring methods, conduit bending, circuits, services, lighting, receptacles, appliances, and more. Filled with helpful wiring diagrams, illustrations, calculations, and tables, *Ugly’s* helps keep jobs safe, on task, and up-to-Code with specific rules, symbols, and Code requirements for wiring both one- and two-family dwellings.

**Key Features**
- Completely up-to-date for the 2008 National Electrical Code® (NEC)
- Includes information on underground feeder cable: type UP article 340 of the NEC, service entrance cable: types SE and use article 338 of the NEC, branch-circuit rules and requirements, and common electrical distribution systems
- Exceptional review of lighting outlets and switches, including required lighting outlets, switch control of lighting outlets, switch-controlled receptacles, and switch and receptacle heights

$19.95* • Spiral • 198 Pages • © 2011
Ugly’s Plumbing References

Ugly’s Plumbing References is a quick, on-the-job resource specifically designed to provide plumbing professionals with the most commonly required information on installing plumbing piping, fixtures, and appliances in both commercial and residential buildings. This essential pocket guide includes diagrams, calculations, and quick explanations on how-to select proper materials, tools, and equipment, as well as how-to: size sanitary drainage, vents, and water supply piping; calculate water demand; test and inspect plumbing systems; and much more. Unlike other plumbing pocket guides, Ugly’s incorporates invaluable information for license preparation, such as tips on studying plumbing systems, drawings, and the operation of typical systems, the latest tools and digital devices within the trade, and methods for handling the latest digital equipment.

Key Features

- Coverage of safe plumbing terms, codes and standards, and helpful abbreviations and symbols
- Step-by-step overview of conversions and equivalents, fractions, angles, shapes, and forms
- Special section on hand signals for hoisting and knots

$19.95* • Spiral • 172 Pages • © 2011

Ugly’s Carpentry References

Ugly’s Carpentry References is designed to be used as a quick on-the-job reference, containing the most commonly required information for residential and commercial carpenters, all in an easy-to-read, easy-to-access format. This must-have resource provides expert instruction on constructing, erecting, installing, and repairing structures and fixtures, such as concrete forms, building frameworks, stairways, windows, door frames, flooring, and much more. This invaluable tool uses quick explanations and illustrations to discuss how-to measure, mark, and arrange materials, cut and shape, join items with nails, staples, or glue, and check projects for accuracy, making it an indispensable resource for every carpenter’s tool box.

Key Features

- Extensive coverage of essential mathematics, measurements, conversions, estimating tools, and layout guides
- Step-by-step instructions for framing and finishing floors, stairs, walls, windows, doors, roofs, and foundations
- Full coverage of hand and power tools, material handling, and safety
- Comprehensive illustrations and tables to assist the professional in most any job

$19.95* • Spiral • 200 Pages • © 2012
Residential Wiring
Third Edition
H. Brooke Stauffer
Paul A. Rosenberg

Residential Wiring, Third Edition is a practical introduction to the general wiring principles, methods, installations, calculations, and service equipment used in 90% of dwellings. Covering actual construction practices for installing electrical systems in one- and two-family dwellings, this text combines in-depth instruction of 2008 National Electrical Code® (NEC) rules with detailed, hands-on information about residential wiring practices and full-color illustrations to make this an accessible and reader-friendly textbook. Outlining the steps and precautions needed to install power wiring, residential smoke detectors, and systems covered in Article 800 of the NEC, the text addresses specific challenges room by room, including AFCI protection for bedrooms, and GFCI protection for bathrooms.

Key Features

• Case Studies provide real-world scenarios faced by an electrician working with residential wiring
• Safety First Boxes offer safety considerations for different locations
• Warning Boxes alert students to areas of the Code that require special attention

Stallcup’s® One and Two Family Dwellings
2008 Edition
James G. Stallcup

Stallcup’s® One and Two Family Dwellings presents an all-encompassing view of wiring methods used in residential electrical systems to ensure the accurate interpretation and application of electrical requirements as listed in the 2008 National Electrical Code® (NEC). Taking a unique three-pronged approach to the topic, the text introduces readers to design, installation, and inspection techniques of electrical systems, correlating dwelling unit requirements for easy comprehension. To move readers seamlessly through the material, sections of the Code have been listed where appropriate for fast reference and review. Filled with expert advice and detailed illustrations, this essential resource from renowned electrical expert James G. Stallcup makes it easy to ensure that electrical systems are safe, reliant, and comply with the NEC.

Key Features

• Includes electrical installation checklists and inspection forms
• Expert advice on design procedures and calculations

$90.95* • Paperback • 268 Pages • © 2009
Instructor Resources: ITK
Student Resources: AK

Sign Up to Receive Updates and Special Offers: www.jbpub.com/eupdates
Stallcup’s® Electrical Design
2008 Edition
James G. Stallcup

The best practices for electrical design change with every edition of the NEC. Stallcup’s® Electrical Design, 2008 Edition shortens the learning curve by providing a comprehensive review of the most current design and installation procedures; including over 1,100 illustrations, calculations, practice exams, and “rule of thumb” methods to assist in finding fast, accurate answers to complex design questions. The new, 2008 Edition explains National Electrical Code® (NEC) rules and provides updated Code references to ensure electrical plans and installations comply with safety regulations and pass inspection the first time. Numerous new design tips, examples, “NEC loops,” and sample calculations help boost proficiency and speed, while the easy-to-read text points out common industry problems and illustrates the proper techniques to use for NEC compliance.

Key Features

• Definitions for grounding and bonding and grounded conductors calculations
• Multiwire branch circuits and identification for branch circuits and feeders
• Working spaces around equipment, GFCI and AFCI requirements, and separately derived systems

$89.95* • Paperback • 768 Pages • © 2009

Instructor Resources: ITK
Student Resources: AK

Electrical Design of Commercial and Industrial Buildings
John Hauck

Electrical Design of Commercial and Industrial Buildings teaches students the critical components of electrical design through an integrated approach that combines fundamental theory with hands-on practice. By taking an applied-learning approach to instruction, this text explains electrical principles, design criteria, codes, and other key elements of the design process, then guides students through each step as they create their own electrical design plans. A companion CD-ROM with sample plans—accompanied by example equipment lists, lighting fixture schedules, and calculation templates—provides students with a comprehensive framework for experiential learning.

Key Features

• Includes 4 full-size electrical design blueprints
• Interactive CD-ROM features sample projects and reference materials
• Chapters highlight key terms, critical thinking questions and real-world “tips”
• All the resources necessary to execute a complete electrical design

$77.95* • Paperback • 164 Pages • © 2011

Instructor Resources: ITK
Student Resources: CD
Stallcup’s® Generator, Transformer, Motor and Compressor
2008 Edition
James G. Stallcup

This unique training solution provides a complete introduction to all types of rotating machinery; blending basic principles and theory with more advanced operating instructions and maintenance requirements to provide a comprehensive overview of what types of machines are available, how and why each device works, and which Code rules apply in the design and installation. Author tips, detailed illustrations, and hundreds of test questions reinforce explanations, guide learning, and improve expertise. Completely updated for the 2008 National Electrical Code® (NEC), Stallcup’s® discusses how NEC rules apply to each type of rotating machinery to ensure Code compliant work.

Key Features

• Reviews generator and nameplate markings, plus emergency system and hospital generators
• Discusses motor and compressor design and code letters
• Includes hundreds of test questions for exam preparation

$89.95* • Paperback • 392 Pages • © 2009
Instructor Resources: ITK
Student Resources: AK

Essentials of Electric Motors and Controls
Charles M. Trout

Quickly come up to speed on basic principles of electric motor design, installation, and maintenance procedures with Essentials of Electric Motors and Controls. An ideal introduction to the topic or a comprehensive explanation of the relevant sections of the National Electrical Code® (NEC), this practical guide is your source for complete and up-to-date information on how an electric motor works, the different types of available motors, and their various applications. The second title in the Essentials of Electricity series provides essential information about the internal construction of common electric motors, laying the ground work for electric motor operational theory as well as maintenance and repair processes in regard to the 2008 NEC.

Key Features

• Filled with concise explanations and detailed, clear illustrations
• Special section on the grounding of motors, the effects of magnetism and magnetic fields
• Put it to the Test feature guides readers through simple step-by-step instruction to perform the necessary calculations and procedures

$34.95* • Paperback • 120 Pages • © 2010

Sign Up to Receive Updates and Special Offers: www.jbpub.com/eupdates
Stallcup’s® Illustrated Code Changes
2011 Edition
James G. Stallcup

Clear, concise explanations and detailed, full-color illustrations explain the most important Code revisions! Updated for the 2011 National Electrical Code® (NEC), Stallcup’s® Illustrated Code Changes, 2011 Edition gives every electrical professional the means to grasp hundreds of key NEC revisions needed to stay competitive and in compliance. Filled with expert advice, this established reference from renowned electrical expert and trainer James G. Stallcup facilitates easy and accurate application of the latest requirements for safe electrical installations.

Key Features

• Detailed, full-color illustrations known throughout the industry
• Expert advice, calculations, and excerpts of actual 2011 and 2008 Code text for all changes covered
• Comprehensive tables including references to OSHA, NEMA, API, and NFPA 70E®
• Clear information for locating background facts in NEC reports and proposals
• Author comments provide explanations for relevant Code text

Electrical Inspection Manual
2011 Edition
Noel Williams
Jeffrey S. Sargent

Packed with precise, step-by-step checklists, detailed illustrations, and informative chapter explanations, the Electrical Inspection Manual, 2011 Edition identifies important Code rules and provides guidance on how-to organize checklists by occupancy type to increase thoroughness and decrease the likelihood of overlooking potential problems. Written by certified electrical inspectors, and endorsed by the National Fire Protection Association (NFPA) and the International Association of Electrical Inspectors (IAEI), this fully illustrated manual explains significant tasks, defines terms, outlines key questions, and provides a concise overview of the electrical inspection process.

Key Features

• Planning from Start to Finish identifies logical starting points and the proper sequence for inspections
• Working Through the Checklists explains, in detail, each numbered checklist item
• Checklists reference applicable National Electrical Code® articles and sections
• Available with a CD-ROM of all checklists presented in the text

$79.95* • Paperback • 412 Pages • © 2012

$105.95* • Spiral • 550 Pages • © 2012

Student Resources: CD
Sign Up to Receive Updates and Special Offers: www jbpub.com/eupdates

User’s Guide to the National Electrical Code®
2008 Edition

H. Brooke Stauffer

Meeting the 2008 National Electrical Code® (NEC), this textbook combines thorough instruction with a conversational writing style, full-color illustrations, and actual Code excerpts to create a guide that helps students easily navigate the Code. Logically arranged to match the structure and organization of the NEC, the text includes chapter features that explain the intent behind the most critical Code requirements, discuss how articles and chapters work together, and examine the impact of the Code on other electrical standards and building codes.

$80.95* • Paperback • 292 Pages • © 2009

Instructor Resources: ITK

Engineer’s Guide to the National Electrical Code®

H. Brooke Stauffer

Electrical engineers responsible for designing, specifying, and maintaining premises wiring systems must have a thorough understanding of the National Electrical Code® (NEC). The purpose of this guide is to introduce electrical engineering students to the Code rules that govern installation of electrical power, communications, and control systems. This guide assembles information from many different parts of the Code in logical groupings to help electrical engineers understand the complexity and interrelationships among different sections of the NEC, while developing a comprehensive view of this global regulatory code.

$47.95* • Paperback • 174 Pages • © 2008

Stallcup’s® Complete Code Changes
2008 Edition

James G. Stallcup

Now you can find every word deleted, added, moved, or renumbered in the 2008 National Electrical Code® (NEC) with Stallcup’s® Complete Code Changes, 2008 Edition. This convenient, easy-to-use CD-ROM makes finding changes to the Code quick and efficient. Strategically arranged with intuitive marks and symbols, Stallcup’s® comprehensively guides users through every altered article and section in the 2008 NEC.

$79.95* • CD-ROM • © 2009
Safe Work Practices for the Electrician
Ray A. Jones
Jane G. Jones

Safe Work Practices for the Electrician takes a unique, blended learning approach to the topic of electrical safety to provide students with a clear overview of how to accurately incorporate safety regulations and theory with every day work tasks. Based on NFPA 70E® 2009 Edition, the 2008 National Electrical Code® (NEC) and the most current OSHA regulations this introductory text covers the fundamentals of electrical safety along with common work practice hazards, providing tips for identifying potential dangers and ways to avoid or mitigate each risk for the protection of electrical workers and equipment. Expert explanations are accompanied by actual accounts from the field to help students understand the root cause of electrical accidents, while “Best Practice” boxes assist comprehension of key processes students will encounter in the field.

Key Features
• Practical Tips discuss tips for applying concepts to real-life situations electricians encounter in the field
• On The Job provides real-life stories focused on electrical safety that emphasize the do’s and don’ts of working with electricity – and the consequences of electrician’s decisions.

Electrical Safety-Related Work Practices
Second Edition
Palmer Hickman
National Joint Apprenticeship and Training Committee

This Second Edition text covers electrical safety requirements and safety-related work practices of OSHA and the National Fire Protection Association electrical safety in the workplace code, NFPA 70E®. Specific topics include electrical safety culture, hazard awareness, design considerations, electrical safety program, training, calculation of short-circuit currents, arc flash hazard analysis methods, personal protective equipment, and equipment maintenance. Chapters explore calculations required to comply with NFPA 70E®, and techniques that can be applied to significantly reduce or eliminate electrical hazards. Each chapter includes two real-life case studies and recommendations for how these incidents could have been avoided. A must for electrical safety professionals, instructors, students, electrical workers, and contractors.

Key Features
• Opening Case begins each chapter with an official National Institute for Occupational Safety and Health Fatality Assessment and Control Evaluation (FACE) case study.
• 70E Highlights emphasize important points of excerpts from NFPA 70E.

$72.95* • Paperback • 348 Pages • © 2009
Instructor Resources: ITK

$89.95* • Paperback • 300 Pages • © 2010
The Electrical Safety Program
Second Edition

Ray A. Jones
Jane G. Jones

The Electrical Safety Program Book, Second Edition provides a detailed blueprint for establishing a plan that maximizes electrical safety on the jobsite. Written by electrical safety experts Ray A. Jones and Jane G. Jones, this essential resource is based on NFPA 70E® 2009 Edition and current OSHA regulations. Beginning with the history and development of electrical codes, standards, and regulations the text explains the development of an electrical safety program from conception through finalization for a comprehensive plan that is tailored to a company’s unique environment. Extensive appendices for each chapter include a wealth of practical and time-saving tools such as checklists, sample budgets, a personal protective equipment matrix, and permits. In addition, a CD-ROM is included with all checklists and forms from the book.

Key Features

• Provides special aides including assessment checklists, forms, and helpful tables
• Incorporates an energized work permit that helps management understand the relationship of electrical hazard exposure to the work process

Complete Guide to Arc Flash Calculation Studies
Based on IEEE 1584 and NFPA 70E® Standards

Jim Phillips

Complete Guide to Arc Flash Calculation Studies provides a comprehensive how-to guide for performing a detailed arc flash study based on established calculation methods. This unique book discusses how-to comply with OSHA, NFPA 70E®, IEEE 1584, and NESC codes and standards to ensure employers are correctly assessing and documenting work place hazards and selecting the correct personal protective equipment to keep employees properly protected.

ISBN-13: 978-0-7637-7601-5 • $106.95* • Spiral • 300 Pages • © 2011

Student Resources: CD

Complete Guide to Arc Flash Calculation Studies
Based on IEEE 1584 and NFPA 70E® Standards

Jim Phillips

Complete Guide to Arc Flash Calculation Studies provides a comprehensive how-to guide for performing a detailed arc flash study based on established calculation methods. This unique book discusses how-to comply with OSHA, NFPA 70E®, IEEE 1584, and NESC codes and standards to ensure employers are correctly assessing and documenting work place hazards and selecting the correct personal protective equipment to keep employees properly protected.

ISBN-13: 978-0-7637-6111-0 • $45.95* • Paperback • 200 Pages • © 2011

Student Resources: CD
Electrical Installations in Hazardous Locations
Third Edition

Peter J. Schram
Robert P. Benedetti
Mark W. Earley

Now in its Third Edition, Electrical Installations in Hazardous Locations continues to be the single, comprehensive source of in-depth information on the codes and standards concerning the installation of electrical equipment in hazardous locations. Designed to provide a general reference on the various aspects of installation in hazardous locations, the book begins with a thorough explanation of what hazardous locations are and are not before progressing to more complex issues such as requirements for equipment protection systems, ways of protecting against ignition from static electricity, and much more.

ISBN-13: 978-0-7637-5249-1 • $98.95* • Paperback • 362 Pages • © 2009

A User’s Guide to Electrical PPE

Ray A. Jones
Jane G. Jones

Personal protective equipment (PPE) is the final barrier between the electrical worker and possible injury or electrocution. Developed as a practical, easy-to-use reference, A User’s Guide to Electrical PPE skillfully defines and discusses the various types of equipment and components that provide protection from electrical hazards. Leading safety expert, Ray A. Jones expertly describes the construction, testing, and storage requirements for personal protective equipment defined by consensus standards so users are able to identify what PPE is available, how to select PPE for specific jobs, and how to care for PPE to ensure its reliability.


100 Questions and Answers on Electrical Safety

Ray A. Jones

100 Questions and Answers on Electrical Safety is an essential guide for electricians needing quick, expert advice on the most critical workplace safety issues. A great resource for fast review of important safety tips, procedures, and guidelines, this handy reference contains frequently asked questions posed to industry expert, Ray A. Jones. Based on the author’s many years of experience with industry safety standards and with developing electrical safety programs, these clear and in-depth answers cover a variety of topics such as commonly misunderstood terms, conditions for arc flash, and appropriate personal protective equipment.

**Electrician’s Exam Prep**

Charles R. Miller

Based on the successful training seminar conducted by National Electrical Code® (NEC) expert Charles R. Miller, *Electrician’s Exam Prep* cuts through complex topics to help students pass Journeyman licensing exams. Using clear, concise language, the manual takes students through the preparation process, explaining every NEC topic along the way. Unlike other exam prep books, *Electrician’s Exam Prep* covers a wide variety of calculations students are likely to encounter on their exam. Each calculation is broken down into step-by-step procedures that help students master difficult sample exams, addressing general electrical knowledge plus NEC rules. A special feature identifies key Code sections for highlighting, to assist in studying, and to carry into exams where allowed.

ISBN-13: 978-0-7637-5118-0 • $63.95* • Paperback • 428 Pages • © 2009

**Stallcup’s® Journeyman Electrician’s Study Guide**

*2008 Edition*

James G. Stallcup

*Stallcup’s® Journeyman Electrician’s Study Guide, 2008 Edition* provides the perfect balance of strategy and application to ensure student success on the Journeyman licensing exam. Recognized as the most complete and comprehensive Journeyman’s study guide available, this skill-building tool has over 1,500 sample exam questions broken down by subject to help students identify areas needing additional review. Detailed explanations and illustrations from renowned electrical author, trainer, and Code expert James G. Stallcup complement this hands-on learning style by providing reader-friendly discussions on how-to determine the right answer.

ISBN-13: 978-0-7637-5256-9 • $79.95* • Paperback • 536 Pages • © 2010

Instructor Resources: ITK

Student Resources: AK

**Stallcup’s® Master Electrician’s Study Guide**

*2008 Edition*

James G. Stallcup

Prepare for the Master Electrician’s licensing exam with invaluable help and advice from electrical expert, trainer, and author James G. Stallcup. This best-selling, all-inclusive study guide provides a comprehensive review of services, switchboards, grounding and bonding, overcurrent protection, feeder-circuits, raceways, and hundreds of other topics covered on the exam to help users assess their Code skills and determine where to spend time studying. Featuring numerous questions and answers, plus graphics and examples that illustrate key concepts, *Stallcup’s® Master Electrician’s Study Guide, 2008 Edition* is the most comprehensive study guide available.

ISBN-13: 978-0-7637-5257-6 • $79.95* • Paperback • 624 Pages • © 2011

Instructor Resources: ITK

Student Resources: AK
Agile Construction for the Electrical Contractor
Dr. Perry Daneshgari

*Agile Construction for the Electrical Contractor* provides the tools and guidance needed to transform a traditional, reactive project management style to a new, proactive, profitable, and productive business management model—one that can quickly respond to changing industry needs and remain a profitable enterprise, even during the toughest of times. In this groundbreaking new book, Dr. Daneshgari applies proven managerial techniques from other industries to electrical construction through the introduction of Agile™ construction—a new scientifically-based tracking system based on jobsite dynamics and the bottom-line impact of three cost drivers: money, materials, and manpower. This practical and accessible guide to improving operating systems and efficiencies is a must-have for improving productivity.

ISBN-13: 978-0-7637-6562-0 • $37.95* • Paperback • 240 Pages • © 2010

NFPA Pocket Guide to Fire Alarm and Signaling System Installation
*Third Edition*
Merton W. Bunker Jr.
Richard J. Roux

This classic reference has been completely revised to keep pace with changes in the 2010 Edition of the *National Fire Alarm and Signaling Code* (NFPA 72), the 2008 Edition of the *National Electrical Code*® (NFPA 70), the *Life Safety Code* (NFPA 101), and related standards. In addition to useful tables, formulas, and figures, the *Third Edition* covers power supplies, spacing of detectors and notification appliances, and includes updated information on new circuit styles and survivability requirements—along with a special new section on mass notification systems requirements.

ISBN-13: 978-0-7637-7509-4 • $35.95* • Paperback • 704 Pages • © 2011

Essentials of Distributed Generation Systems
Gregory W. Massey

The first title in the highly anticipated *Essentials of Electricity* series provides electricians with what they need to know for solar photovoltaic, wind turbine, fuel cell, microturbine, and engine-generator system technologies. Using concise explanations with detailed and clear illustrations, this book prepares users to select the most appropriate type of distributed generation by examining the strengths and weaknesses of each system and summarizing each system’s components, operations, and limitations, while discussing common factors that affect each of these alternative technologies.

ISBN-13: 978-0-7637-5116-6 • $34.95* • Paperback • 204 Pages • © 2010
Stallcup’s® Electrical Grounding and Bonding Simplified

James G. Stallcup

Stallcup’s® Electrical Grounding and Bonding Simplified, 2008 Edition trains students on proper grounding and bonding techniques for electrical systems by skillfully blending introductory principles and up-to-date safety standards with practical application. Material has been intuitively arranged so general requirements are introduced before more specific topics to ensure students gain foundational knowledge of the subject. Combined with its reader-friendly writing style, the text facilitates comprehension by fully explaining each technique and the effect of the National Electrical Code® (NEC), to put grounding and bonding in perspective in the overall electrical installation process.

ISBN-13: 978-0-7637-5254-5 • $89.95* • Paperback • 320 Pages • © 2010

Instructor Resources: ITK
Student Resources: AK

Stallcup’s® Electrical Equipment Maintenance Simplified

Based on NFPA 70B

James G. Stallcup

Finally, with Stallcup’s® Electrical Equipment Maintenance Simplified, there is a definitive tool to make sure your electrical maintenance work is done right, every time. Based on the 2006 Edition of NFPA 70B: Recommended Practice for Electrical Equipment Maintenance, this first-edition handbook by renowned electrical authority James G. Stallcup provides crystal-clear explanations of the best practices for the safe and effective preventive maintenance of industrial electrical systems and equipment across the full range of facilities.

ISBN-13: 978-0-7637-5115-9 • $89.95* • Paperback • 312 Pages • © 2008

Stallcup’s® Electrical Calculations Simplified

2005 Edition

James G. Stallcup

The most complete electrical calculations book available, Stallcup’s® Electrical Calculations Simplified reinforces the main principles of electric circuits through a broad assortment of basic Code calculations. Considerable effort has been made to condense the more complicated rules pertaining to calculating loads to provide easier understanding of how to perform calculations according to the provision of the National Electrical Code® (NEC). Stallcup’s® covers topics every electrician must know and can be used as a teaching and learning tool, a license exam review, or a lifelong reference on calculations for all kinds of equipment and occupancies covered by the NEC.

ISBN-13: 978-0-7637-4408-3 • $89.95* • Paperback • 504 Pages • © 2007

Sign Up to Receive Updates and Special Offers: www.jbpub.com/eupdates
ELECTRICAL

TRAINING AND PROFESSIONAL CATALOG 2010