



Electrical Equipment Handbook : Troubleshooting and Maintenance

By Philip Kiameh

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Maximize your company's energy output while ensuring the reliability and longevity of your industrial electrical equipment!

Everything you need for selection, applications, operations, diagnostic testing, troubleshooting and maintenance for all capital equipment placed firmly in your grasp. Keeping your equipment running efficiently and smoothly could make the difference between profit and loss. ***Electrical Equipment Handbook: Troubleshooting and Maintenance*** provides you with the state-of-the-art information for achieving the highest performance from your transformers, motors, speed drives, generator, rectifiers, and inverters. With this book in hand you'll understand various diagnostic testing methods and inspection techniques as well as advance fault detection techniques critical components and common failure modes. This handbook will answer all your questions about industrial electrical equipment.

In ***Electrical Equipment Handbook: Troubleshooting and Maintenance***, you will:

Learn about the various types of transformers, motors, variable speed drives, generators, rectifiers, inverters, and uninterrupted power systems.

Understand diagnostic testing and inspection, advanced fault detection techniques, critical components, and common failure modes.

Study selection criteria, commissioning requirements, predictive and preventive maintenance, reliability, testing and cost discover the maintenance required to minimize their operating cost and maximize their efficiency, reliability and longevity.

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Editorial Review

Review

All the essentials you need to know when working with any type of electrical equipment and systems are covered in the *Electrical Equipment Handbook: Troubleshooting & Maintenance*. The handbook presents key concepts in a simple, straightforward format without relying on complex math equations. Fundamentals, basic design, operating characteristics, testing, inspection, specifications, selection criteria, advanced fault detection techniques, troubleshooting tips, and maintenance issues are all covered. And that's not all! Also covered are the latest technological advancements and rules to keep your equipment running at peak efficiency. (*Techdirections* 2004-01-01)

From the Inside Flap

FOR ENGINEERS OF ALL DISCIPLINES, MANAGERS, TECHNICIANS, MAINTENANCE PERSONNEL, AND OTHER TECHNICAL INDIVIDUALS. HERE'S WHERE TO TURN WHEN YOU HAVE ANY QUESTION ABOUT INDUSTRIAL ELECTRICAL EQUIPMENT

This fact-packed resource provides the detailed, wide-ranging, state-of-the-art coverage you need to maximize your company's energy output while ensuring the reliability and longevity of your industrial electrical equipment.

With this handbook you'll be able to achieve the highest performance possible from your transformers, motors, variable speed drives, generators, rectifiers, inverters and circuit breakers and gain a full understanding of these crucial aspects of industrial electrical equipment:

- * Diagnostic testing and inspection methods
- * Advanced fault detection techniques, critical components and common failure modes
- * Predictive and preventative maintenance, reliability and testing methods
- * Equipment selection and their best application

This is the book you must own if minimizing operating costs, maximizing efficiency and having fingertip access to sound, reliable answers to any electrical equipment problem is important to you. Keeping your equipment running smoothly can mean the difference between profit and loss – here's the handbook that tells you how!

From the Back Cover

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Users Review

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