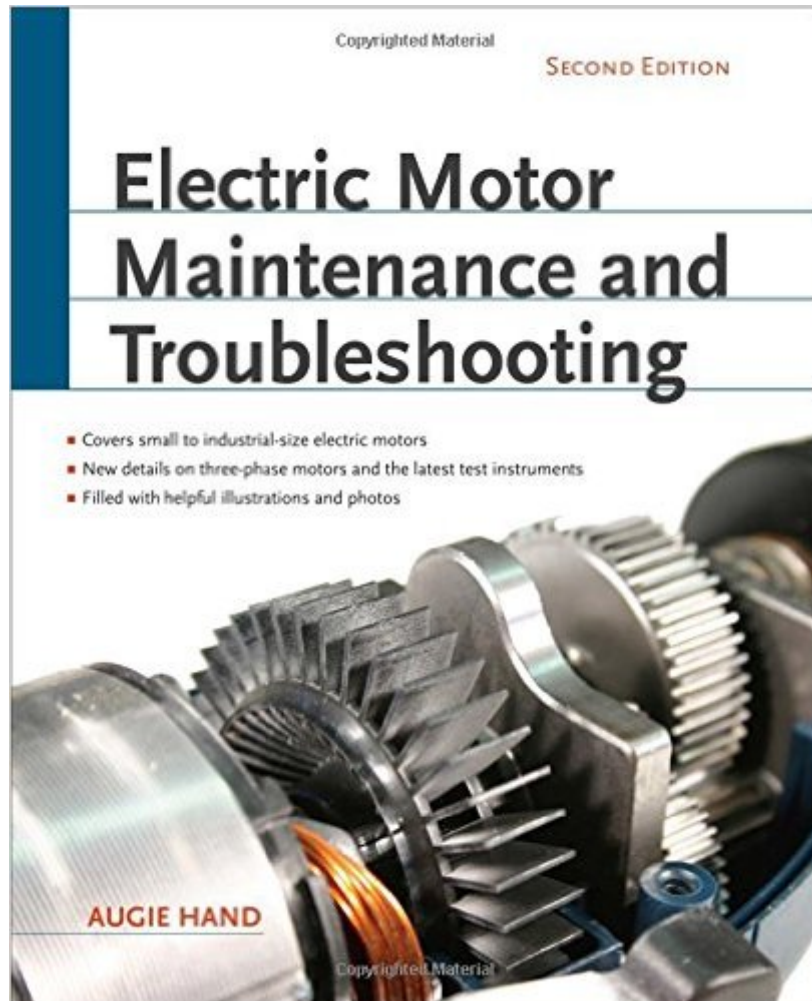


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# Electric Motor Maintenance And Troubleshooting, 2nd Edition



## Synopsis

A fully up-to-date, hands-on guide to electric motors Keep electric motors running at peak performance! Electric Motor Maintenance and Troubleshooting, Second Edition explains in detail how all types of AC and DC motors work. Essential for anyone who needs to buy, install, troubleshoot, maintain, or repair small to industrial-size electric motors, this practical guide contains new information on three-phase motors along with coverage of the latest test instruments. Drawing on his more than 40 years of experience working with electric motors, expert author Augie Hand provides a wealth of tested procedures to pinpoint and correct any kind of issue. He'll help you decide whether to replace a motor, take it offline for repair, or repair it in place--decisions that can reduce down time. End-of-chapter questions reinforce the material covered in the book. Quickly and accurately diagnose electric motor problems and find effective solutions with help from this fully updated classic. Electric Motor Maintenance and Troubleshooting, Second Edition covers:

- Troubleshooting and testing DC machines
- AC electric motor theory
- Single-phase motors
- Three-phase induction motors
- Troubleshooting less common motors, including synchronous, two-speed one-winding, and multispeed
- Test instruments and services

## Book Information

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## Customer Reviews

This book is a great addition to any tool box. We recently used it to identify 9 leads in a delta connected motor. With the method used here, we saved enough time (money) to cover the cost of

the book!The format with the questions and answers page numbers at the end of each chapter would make it quite useful in the class room, too.Of course, the "safety tips" through out are useful to everyone.

Electric Motor Maintenance and Troubleshooting, presents the theory of electric motors/generators in understandable language and clear schematics, without complex mathematical concepts.Each chapter ends with a comprehensive review of questions. The answer to each question is noted with the page number in the chapter.For those looking for an excellent reference to troubleshooting electric motor problems this book contains an extensive collection of possible problems with recommended testing and solutions. Author/Educator, Augie Hand's text is a practical guide to electric motor theory, troubleshooting and repair.

As a previous owner of an Electric Motor Shop, I would recommend this book as a supplement for their 'Bible' for electric motor repairs. I would also recommend that anyone teaching this trade have this as a study guide for his students. It's tops for any problem solving of electric motors.

I like it. I am still reading it ,but i like the way in which it is written. I wanted more information on motors due to college courses I am currently taking. I jumped past DC and went straight into AC 3 phase.This book is divided in three sections; theory, troubleshooting, and maintenance.It is a textbook with questions at the end of each chapter.

Nicely written and subject matter covered thoroughly. bought as a refresher on motors after being out of the field for a few years and it was very helpful.

This is a great refernce to help with troubleshooting electric motors. I keep it on my desk so that I can refer to it frequently.

the book has pages of questions at chapters ends,a total waist of space.

Excellent reference book.

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