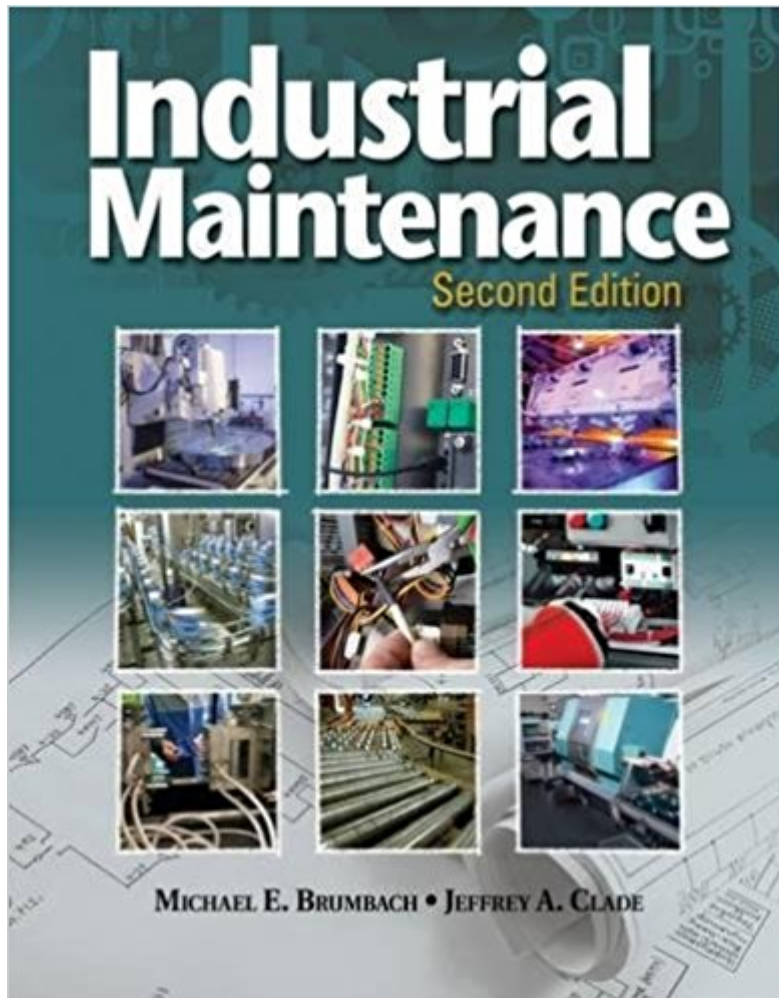




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Industrial Maintenance



Synopsis

INDUSTRIAL MAINTENANCE, Second Edition, provides a strong foundation in all five major areas of industrial maintenance, including general, mechanical, electrical, welding, and preventive maintenance. In addition to essential information on safety, tools, industrial print reading, and electrical theory, this comprehensive text includes a detailed exploration of modern machinery and equipment to help you understand, diagnose, troubleshoot, and maintain a wide variety of industrial machines. This text has also been thoroughly updated and revised to reflect recent developments in this dynamic, rapidly evolving field, including current piping and fluid power symbols, rigging and mechanical installations, magnetism, transformers, motors and sensors, and industrial communications. With comprehensive, up-to-date coverage and a reader-friendly, modular presentation, INDUSTRIAL MAINTENANCE is the perfect resource to prepare you for success as an industrial maintenance technician.

Book Information

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Michael E. Brumbach is the retired (after 28 years of service) associate dean of the Industrial and Engineering Technologies Division at York Technical College in Rock Hill, South Carolina. He holds an associate degree in electronics technology. In addition to this book, Mr. Brumbach has authored ELECTRONIC VARIABLE SPEED DRIVES and has co-authored INDUSTRIAL MAINTENANCE. Jeffrey A. Clade is the Department Chair for the Industrial Maintenance Department at York Technical College in Rock Hill, South Carolina. He holds an associate degree in Industrial Maintenance Technology. He is also a licensed Master Electrical Contractor in South Carolina. He has co-authored INDUSTRIAL MAINTENANCE.

Figures don't follow text. Have to either look back or forward several pages to see correct figure. I have been keeping count of the number of incorrect references to previous chapters and have 13 noted within the first 11 chapters. Learning sequence out of order as schematics are taught early in book when more fundamentals should be taught. Fellow students agree with my opinion.

I was expecting a lot more, but should have known better, no book can cover so many areas and do it well. It did do pretty good introduction to maintenance until section 3 where it starts on electrical. The electrical sections were poor, one example is megger testing, it doesn't mention what range to use and why, or which wires to test. The section on VFDs is very poor, which is a section I expected to be in great detail. Not much detail is given on computerized recording and tracking maintenance, which is much more common now than when this book was written. I may have missed it, but can't remember reading any details on thermal imaging, non contact voltage detectors, condition based maintenance. It also does not mention LED lighting, which is one area that many companies are looking to integrate as it will save a lot of money after the initial investment in bulbs is undertaken.

Great extensive up to date book on the basics of industrial maintenance.

This is one for the tool box for years to come. Clear and concise in presentation making for a very

informative read.

Covers a broad spectrum of topics with excellent diagrams and writing. You would need many books to get the equivalent.

easy to understand, logically laid out, detailed and easy to understand

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