



Electric Motor Diagnostics EMD-1

SUCCESS by DESIGN introduces a series of Electrical Motor Diagnostics classes that are neutral to any one manufacturer's technology. Whether the attendee is using basic technologies, surge testing, MCA, MCSA, or ESA, all will come away with a deeper understanding of the application and the interpretation of these technologies.

Course Instructed by world renowned expert
Dr. Howard W. Penrose, CMRP



Topics Covered In Class:

*Basic Electricity and Electromagnetism
Review of motor testing technologies
Commissioning New and Repaired
Condition-Based Testing
Trending
Troubleshooting
Motor Circuit Analysis
Electrical Signature Analysis
Time to Failure Estimation™*



Dreisilker Electric Motors, Inc.
Glen Ellyn, Illinois

Reserve Your Seat Now

Attendance is Limited

*See Page 2 and 3 for
Registration*

Who Should Attend?

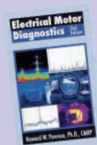
*Maintenance and Reliability
Professionals; Field Service; R&M
Managers and Planners; and,
Anyone else with electric machine
Responsibilities.*

March 17 to 20, 2009
October 27 to 30, 2009

Hatfield Electric Company, Inc.
Kalamazoo, Michigan

August 11 to 14, 2009

Starting with the basic principles of electricity and electro-magnetism, the student will experience a series of hands-on demonstration and labs. A review of technologies, and their capabilities, will be covered and how they are applied for commissioning, condition-based testing, trending and troubleshooting and how some of the new insulation technologies will impact results. One day is dedicated to MCA and de-energized testing of AC induction machines and a day and a half is dedicated to ESA/MCSA testing of AC induction motors. EMD-1 is designed for any level of experience and the attendee will come away with an understanding of the impact of motor diagnostics in their industry and the capabilities of the various technologies.



Cost:

1595.00 USD per person

Includes Class Materials

SUCCESS by DESIGN
5 Dogwood Lane
Old Saybrook, CT 06475
Ph- 860-577-8537
Fax- 860-577-8537
Info@MotorDoc.com

Payments:

Checks, Visa, MasterCard and Purchase Orders

Make checks and PO payable to SUCCESS by DESIGN
No Refund within 10 business days of class

Dr. Penrose has over 25 years in the electric motor industry from motor repair to advanced reliability research and applications using modern CBM and maintenance technologies. Dr. Penrose is the Executive Director of the Institute of Electrical Motor Diagnostics, Inc. (IEMD) and Web Editor in Chief of the IEEE Dielectrics and Electrical Insulation Society Web.

860-577-8537



Training@MotorDoc.com

Electrical Motor Diagnostics—EMD1

Location: Dreisilker Electric Motors, Inc.
352 Roosevelt Road
Glen Ellyn, Illinois

Date You Would Like to Reserve:

_____ March 17-20, 2009 \$1,595 USD per person
_____ October 27-30, 2009 Check, Visa/MasterCard or Purchase Order

This Class is Technology-Neutral

Attendees are encouraged to bring their :

- 1. MCA/MCSA/ESA Instruments**
- 2. A Laptop Computer**
- 3. All data-related questions.**

First Name _____ Last Name _____

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Address _____

City _____ State / Zip _____

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Email _____

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Electrical Motor Diagnostics—EMD1

Location: Hatfield Electric Company, Inc.
3509 South Burdick Street
Kalamazoo, Michigan 49001

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_____ August 11-14, 2009

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