

Finding a Way to Provide
Training Solutions for
Maintenance Professionals

EDE Motor Training Services



Training Services and support for Maintenance Departments





MOVE YOUR TESTING PROGRAM FORWARD

Electrical Maintenance Training Services

Testing Theory, application specific testing, results concentric

EDE instructors have acquired a wealth of knowledge, through many years of practical field experience and are willing to share it. These Beginner, Intermediate and Advanced classes are standardized. User specific i.e. tailored to your needs classes are also regularly provided. Workshop Training classes are regularly conducted that include hands on instruction. This type of instruction is very important to truly understand and retain the knowledge gained during training. Hearing it, and seeing it done, do not compare to actually doing the testing.

Beginner Electrical Diagnostic Testing of Rotating Machinery Course Description/Subjects: 1 day, 8 hours of instruction.

This entry level course is designed to give attendees adequate working knowledge of fundamental electrical tests. Specifically, those recommended for electric motor and generator electric insulation systems. This course is not test equipment vendor specific.

Intermediate Electrical Diagnostic Testing of Rotating Machinery

Course Description/Subjects: 2 days, 8 hours of instruction/day.

This course is designed for those who already have some practical knowledge of motor and generator electrical test techniques. It expands upon the student's knowledge and can be test equipment vendor specific.

Advanced Electrical Diagnostic Testing of Rotating Machinery Course Description/Subjects: 3 days, 8 hours of instruction per day.

This course is designed for seasoned motor testing professionals, who may need a brush up on the latest techniques, or students who have successfully completed the Beginner and Intermediate courses. This course covers the high points of the previous two diagnostic classes, and then expands upon the knowledge base.

EDE Users Group - Annual Event (usually held in August) 2 1/2 Day Course: Held in Loveland, CO at EDE Headquarters

Get the latest in testing techniques, motor and testing theory for your motor testing program. This 2 1/2 day course will give you the one-on-one personal attention and hands on time to enhance your program moving forward into the future. The 3 Day VIP pass includes: Conference, Users Group Learning Guide and packet and most meals. Book today - Space is Limited.

Example Topics

Day 1 - Topics of Discussion (9am - 4/5pm)

Introduction of all key players & experts
Basics - Keeping motors test/run ready
Getting the most out of online condition monitoring - What's New.
Partial Discharge - Types, Uses & Benefits
Testing Basics - What's Good When, and What's Not
Case Study - Making Sure Connections are Good

Day 2 - Topics of Discussion (9am - 4/5pm)

Technology basics - Uses & Benefits
Vibration
Infrared
HV & LV Testing
Application Specific Testing
Steps to take
Is there ways to make it more efficient
Keeping the basics strong/tools to help
Calibration schedule (all at once vs. some at once)
Data Analysis (Offline/Online)
Dielectric Strength of Everyday Items

Day 3 (9am - Noon)

Questions & Answers
Breakout groups for specific needs
Hands on with new industry equipment

NETA Short Course

Elements of an Effective Motor Program and Calibration of Motor Test Equipment

This course has been reviewed and approved by the Members of the CTD Review Committee at NETA and can be offered for 8 CTD credit under the motor category. This event is held in Loveland, CO at EDE headquarters and will usually coincide with the Annual EDE Users Group.

This 1 Day VIP pass includes: Conference, Short Course Learning Guide and packet and most meals. Book today - Space is Limited.

Topics of Discussion (9am - 4/5pm)

Introductions

Elements of an Effective Motor Program

- Predictive vs Preventative Testing
- Types of equipment on market (Uses & Benefits)
- High voltage, low voltage, PD, Monitors, Vibration, Results Software
- Breaking down the tests (What's good when & what's not)

Application specific testing

- Steps to take
- Is there ways to make it more efficient
- Keeping the basics strong/tools to help

Calibration of Motor Test Equipment

Calibration Schedule (all at once vs. some at once)

Known service issues of instrumentation



Onsite Customized Training

- Workshop testing is also complimented by on-site motor training. Many customers prefer instructors to visit their facilities like for a truly customized training.

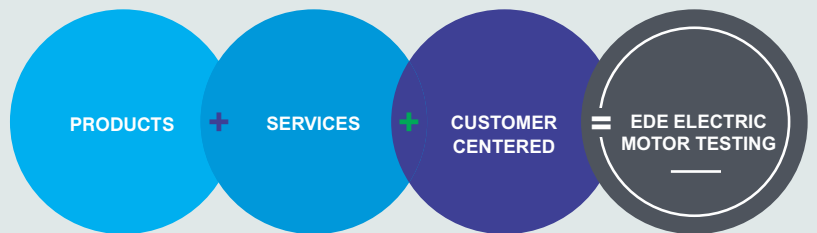
Regional Training

- Regional seminars are provided for larger groups. These are normally held in a large conference room/hotel banquet room.

User Group/Custom Seminar

- User Group/Seminars held at EDE Headquarters in Loveland, CO. Held for groups of 15-25 people.





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