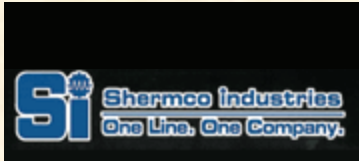


“Introduction to Vibration Analysis”

3 June 2008

DEADLINE TO ENROLL IS 1 June!



Shermco Industries, inc

Specialists in Training, Testing, Maintenance and Repair of Electrical Power Systems & Rotating Equipment

Wednesday, June 3rd, 2009

8:00 a.m. – 9:00 a.m. Registration & FREE Continental Breakfast

**9:00 a.m. - 3:45 p.m. Program
Meridian Technology Center, Stillwater , OK**

The presentation is in the Fred Schultz Conference Room.



1312 S. Sangre Rd.
Stillwater, Oklahoma 74074
(405) 377-3333

career tech

Who Should Attend:

- Managers
- Foremen
- Technicians
- Operators
- Engineers

**Anyone
in the maintenance field**

**PROVIDED AT NO COST
TO OPMUG MEMBERS!**

**Registration should be done by visiting
www.opmug.net/programs/**



These days, employee turnover is a reality, pre-trained employees are a luxury, changing technology and responsibilities are inevitable and contractors don't come cheap. That's why training is essential to the health of your facility and electrical system. And with Shermco training services, you get the best.

**Introduction to Vibration Analysis
Predictive Maintenance (PdM)
8 Contact Hours**

Who Should Attend:

Designed for electricians, technicians, field engineers, supervisors and others with the responsibility of testing and maintaining motors. Attendees will learn how to determine the vibration severity, how much vibration is harmful and how to correct problems causing vibration, enhancing their productivity and eliminating damage to expensive motors and connected equipment.

Course Description:

Vibration and improper alignment are one of the leading causes of motor failures. Attendees will learn why vibration is damaging, how to measure, diagnose and correct vibration issues. Lecture sessions are alternated with hands-on lab sessions to optimize learning.

Lab vs. Lecture Time:

This course is designed to have approximately 25% hands-on lab sessions. The total lab time may vary with each class. Attendees should have basic electrical skills training, as well as some field experience. The level of the

I. Introduction

- A. Comparison of Predictive vs. Preventive
- B. Vibration – How Much is Too Much?
- C. Other Forces at 1x RPM
- D. Vibration Data Collection
- E. Exception Reporting

II. Vibration Analysis

- A. Signature Analysis
- B. Anti-Friction Bearing Defects
- C. Lubrication Guidelines

III. Enhancing Vibration Diagnosis

- Running Soft Foot Checks
- Stroboscopic Views
- Shaft Run Out
- Coupling Inspections

IV. Vibration Lab

- A. Visit Selected Equipment
- B. Taking Measurements
- C. Spectrum Analysis

****Cancellation Policy****

A training class can be cancelled when, less than 75% funded and is less than 30 days from the start of class (training). In this case there will be a 100% fee refund for registered participants. If a registered participant cancels less than 10 days before the start of class (training) they will forfeit 50% of the registration fee.