

Educational Services

Maximize Your Investment with Well-Trained Personnel



Meridian East, Leicester

Education in Machinery Health™ Management

Regional Basic Vibration Analysis Course

Basic Vibration Analysis & ISO CAT-1 Certification

This 4-day course complies with ISO standard 18436-2. This course is intended to enable participants to operate single-channel machinery analyzers, dump and load routes, recognize the difference between good and bad data, and compare vibration measurements against pre-established alert settings. The class shows the student how to use the vibration analyzer in conjunction with machinery health software to analyze basic vibration defects.

Topics Include:

- Principles of vibration
- Data acquisition & signal processing
- Condition monitoring & corrective action
- Equipment knowledge
- Acceptance testing
- Basic analyzer functions
- The class shows students how to recognize machine defects such as:
 - Unbalance
 - Shaft misalignment
 - Looseness
 - Rolling element bearing defects
 - Gear problems
 - Resonance
 - Introduction to electrical defects

Prerequisites:

Cumulative six months of field experience is recommended.

Date: January 16 to 20, 2017 (8:30 AM - 4:30 PM Mon to Thurs, Category I Exam at 8:30 AM - 10:30 AM on Friday)

Location: Emerson Process Management, Educational Services Center
Meridian East, Leicester, LE19 1UX, UK

Cost: £2,195 per person

Registration: ES3.Cluj@Emerson.com



Emerson Educational Services
800 338 8158 or 641 754 3771
Education@Emerson.com
www.emersonprocess.com/education

