

Education in Machinery Health™ Management



INTERMEDIATE VIBRATION ANALYSIS & ISO CAT-2 CERTIFICATION

DESCRIPTION:

This 4-day course complies with ISO standard 18436-2. Category II vibration analysts are expected to be able to select appropriate vibration measurement techniques, set up instruments for basic resolution of amplitude, frequency, and time, perform basic spectrum analysis, maintain a database of results and trends, perform single-channel impact tests, classify, interpret, and evaluate test results in accordance with applicable specifications and standards, recommend minor corrective actions, and understand basic single plane field balancing concepts. Discussions of case histories on machinery faults are one of the focal points of this course.

TOPICS INCLUDE

- Equipment testing and diagnostics
- Reference standards
- Reporting and documentation
- Fault severity determination
- Analyzer averaging techniques
- Slow speed applications using Slow Speed Technology (SST)
- Sensor selection guidelines
- Introduction to demodulation and PeakVue™
- Advanced waveform analysis
- Sideband analysis
- Rolling element bearing failure modes

- Advanced electrical analysis techniques
- Pump/fan vibration
- Phase analysis using single and dual channel
- Perform basic single-plane field balancing

Prerequisites: Cumulative eighteen months of field experience is recommended.

- 17th to 20th December, 2013 (Mumbai)
- Location:

Emerson Learning Centre

Pawane, Navi Mumbai 400710

- Course Fee: INR 21,000 (Rupees eighteen thousand only)

Certification Fee: INR 7,000 (Rupees seven thousand only)

Kindly note that this course is non-residential. Participants will have to arrange for travelling and lodging

- Registration:

To register, complete the registration form indicating your payment and fax to +91-22 6662 0500. For more information, contact Shilpa.Pathare@emerson.com +91-22-66736109

REGISTRATION FORM

Name of Participant

Name to Appear on Class Certificate

Country of Citizenship

Company

Billing Address

City/Zip

Phone

Email

Fax

Course Title

Course Code

Course Date

FORM OF PAYMENT

Please issue Purchase Order / Check to Emerson Process Management (India) Pvt Ltd. Cheque should be sent along with registration form at below mentioned address.

Purchase Order #

Does this P.O. cover more than one registration?

YES

NO

Total amount of Purchase Order

Check #

Dietary Requirement (please specify)

Course Administration

Please send this Registration Form via fax / email along with the Purchase Order 4 weeks before course commencement to:

Shilpa Pathare

Plot No. A14514, TTC Industrial Area, MIDC Pawane, New Mumbai 400710

Email: Shilpa.Pathare@emerson.com

Contact Number: +91 22 6673 6109

Registration will only be confirmed upon receipt of payment.

If you do not receive the confirmation email, please contact Shilpa Pathare.

Cancellations/Transfers

In the event that you wish to make a cancellation with regards to your course booking, the following terms shall apply:

For cancellations received in writing between 2-4 weeks prior to the course start date, 50% of course fee will be imposed

For cancellations received less than fourteen (14) days prior to the course start date, 100% of course fee will be imposed

For those failing to attend the course without notification, 100% of course fee will be imposed.

Substitution of the participant is allowed at any time upon registration with official notification made to Shilpa Pathare via email before the commencement of the course.

Declaration

I hereby confirm and declare I have prerequisites for this course and fully understand the above terms

Name

Signature & Company Stamp

Date