

# Educational Services

Maximize Your Investment with Well-Trained Personnel



Pawane, New Mumbai

## 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:** 26th to 29th September, 2016

**Location:** Emerson Process Management(I) Pvt. Ltd.,  
Learning Centre, Plot No. A14514, TTC Industrial Area,  
MIDC, Pawane, New Mumbai 400710

**Cost:** INR 40,000 (Rupees forty thousand only) + Service Tax(15.00%)

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

**Registration:** Please contact Keval Goyani at office: +91 22 6453314 or [Keval.Goyani@Emerson.com](mailto:Keval.Goyani@Emerson.com)



Emerson Educational Services  
800 338 8158 or 641 754 3771  
[Education@Emerson.com](mailto:Education@Emerson.com)  
[www.emersonprocess.com/education](http://www.emersonprocess.com/education)



## REGISTRATION FORM

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Name of Participant

Name to Appear on Class Certificate

Country of Citizenship

Company

Billing Address

City/Zip

Phone

Email

Fax

Course Title

**Basic Vibration Analysis & ISO CAT-1 Certification/Exam**

Course Code

**2031/2021EX**

Course Date

**September, 26th to 29th**

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:

Keval Goyani  
Plot No. A14514, TTC Industrial Area, MIDC Pawane, New Mumbai 400710  
**Keval.Goyani@Emerson.com**  
+91 22 64543314

Registration will only be confirmed upon receipt of payment.  
If you do not receive the confirmation email, please contact Keval Goyani.

### 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 Prakash Waydande 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