

5-Day Certified Cat.III Vibration Analyst Training

**MACHINERY VIBRATION ANALYSIS COURSE(MVA)
Certified Exam from Vibration Institute USA**

**Course Date:
08 - 12 Oct 2018**



Course Overview

This course provides more in-depth discussions of single-channel time waveform, FFT, and phase analysis techniques for the evaluation of industrial machinery. It includes acceptance testing, machine severity assessment, use of demodulation and HFE techniques, basic rotor dynamics, basic ODS, and single-plane balancing. This course is partial preparation for the Vibration Analyst Category III Certification Exam.

Course Topics

- Advanced vibration concepts
- Single-plane balancing
- Use of single-channel FFT analyzers and data collectors
- Using data collectors and tape recorders for data storage
- Setting alarms for efficient predictive maintenance
- Determination of natural frequencies, resonance, and critical speeds
- Identification of machine forces and frequencies
- Vibration correction techniques
- Isolation and damping of installed equipment
- Spectral, time waveform, phase, and orbital analysis
- Machine specific analysis—motors, fans, pumps compressors,

Benefits

- Prepare for a better Analyst
- Provide a Deeper Understanding of Vibration Principles & Techniques
- Ensure Analyst Meet the Standard Level of Knowledge and Expertise

Who should attend

Engineer / Chief / Mechanic / Electrician, Maintenance Manager/ Staff who involve in direct maintenance, trouble shooting of rotating machinery and want to enhance knowledge in best maintenance program and continuous improvement

Trainer

Instructor from Vibration Institute USA

Course Date / Time:

08-12 Oct 2018, Mon - Fri: 9am ~ 6pm

Venue :

Vibro Training Centre

Exam Date: 15 Oct 2018

The following Monday after the Course.
Time: 9am – 1pm (4-hour)

Exam Requirement:

A minimum of 3-year relevant working experience in Machinery Vibration and a valid Cat.II Analyst.

Course fees

*Course Fees – SGD 3,980 per pax including exam fees. All Fees subjects to 7% GST.

*Payment is to be made upon enrolment. Course fees include course materials. lunch and tea breaks, but excludes VI Membership. Terms & Conditions apply.

Registration closes 31 May 2018

Please CALL (65) 6749 2426 for registration,
Or Email: vibtech@vib-tech.com

Organized By:

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