ISO 18436-2 Vibration Analyst Training Course

Category III (CAT III)

Machinery Vibration Analysis

Course Level: Advanced

Course Overview

Machinery Vibration Analysis is an advanced-level course designed for experienced maintenance engineers, technicians, and reliability professionals seeking to deepen their expertise in industrial vibration analysis. It is a Vibration Analyst Category III course offered by Vibration Institute USA.

Participants will develop advanced vibration analysis skills to diagnose machinery faults and effectively evaluate machinery condition. This course also helps prepare participants for the Vibration Analyst Category III Certification examination.

Training is conducted by Vibtech Genesis, the appointed Singapore training representative for Vibration Institute USA.

Scan the QR to explore our other courses.

Course Duration & Dates

5 Days
9:00 am - 6:00 pm

20th - 24th September 2027

Course Location

60 Ubi Crescent,
#01-05 Ubi Techpark,
Singapore 408569

Course Requirement

- 4-year degree with at least 5 years of work experience, **or**
- 2-year technical degree with 6 years of work experience, **or**
- 7 years of work experience in vibration analysis.

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Course Outcomes

The Vibration Analyst Category III course is designed to help participants develop in-depth knowledge and skills in vibration analysis to support industrial machinery diagnosis and condition evaluation. Participants can expect to strengthen their understanding and application of analysis techniques through the following key areas:

- Principles of Vibration
- Data Acquisition Procedures
- Signal Processing
- Time Waveform Analysis
- Frequency and Phase Analysis
- Orbit Analysis and Shaft Centerline Position
- Machine Testing
- Balancing of Rotating Machinery
- Condition Monitoring and Evaluation
- Machine, Components, and Potential Fault Frequencies

This advanced course provides partial preparation for participants intending to sit for the ISO 18436-2 Vibration Analyst Category III Certification examination.

Certifications & Examination

The Certificate of Attendence will be issued by Vibtech Genesis.

The Vibration Analyst Category III Certificate will be issued by Vibration Institute USA. This certification will only be issued to participants who passed the examination.

The Vibration Analyst Category III examination will take place 3 weeks after completion of the course and it will be conducted at Vibtech Genesis Training Center.

Fees & Inclusives

SGD 4500.00 Per Participant.

Full payment is to be made upon enrollment of the course.

Course fee is inclusive of learning materials and course examination.

Course fee is not inclusive of Vibration Institute USA membership, survelliance fees, or any other fees associated with Vibration Institute USA.

Re-examination - Re-examination fee applies. Please contact Vibtech Genesis for more information.

Fees are subjected to prevailing GST rates.

Other Information

This course is eligible to earn PDUs under the Professional Engineers Board (PEB) Continuing Professional Development (CPD) Programme.

Course dates are subjected to change without prior notice.

All terms & conditions apply.

For Enrollment Or Enquiries

Get in touch with Vibtech Genesis' course coordinator for further enquiries or enrollment matters.

Tel: +65 6749 2426 Email: training@vib-tech.com.sg