ISO 18436-2 Vibration Analyst Training Course

Category II (CAT II)

Basic Machinery Vibration

Course Level: Intermediate

Course Overview

Basic Machinery Vibration is an intermediate course meant for maintenance engineers, technicians, and reliability professionals seeking to develop their capabilities in industrial vibration analysis. It is a Certified Vibration Analyst Category II course offered by Vibration Institute USA.

Participants enrolled in this training course can expect to develop formal knowledge and skills in vibration analysis to support machinery fault diagnosis and condition evaluation using established procedures. This course also helps prepare participants for the Vibration Analyst Category II 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

22nd - 26th February 2027
24th - 28th May 2027
23rd - 27th August 2027
1st - 5th November 2027

Course Location

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

Course Requirement

- 4-year degree with 12 months of work experience, **or**
- 2-year technical degree with 12 months of work experience, **or**
- 3 years of work experience in vibration analysis.

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Course Outcomes

This course equips participant with the right skills in performing vibration analysis on rotating machinery. It focuses on helping participants develop practical competence and expertise in vibration-based maintenance techniques. Key topics that will be covered in this course are:

- Basic Machinery Vibration
- Data Acquisition
- Data Processing
- Fault Diagnostics
- Condition Evaluation
- Machine Testing
- Periodic Monitoring
- Single Plane Balancing

This intermediate course allows participants to develop the formal knowledge and skills to perform basic vibration analysis. It also provides partial preparation for participants to sit for the ISO 18436-2 Vibration Analyst Category II Certification examination.

Certifications & Examination

The Certificate of Attendence will be issued by Vibtech Genesis.

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

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

Fees & Inclusives

SGD 4200.00 Per Participant.

SGD 4000.00 Per Participant - **Early Bird Special**.

For early bird special, enrollment is to be completed at least 3 months in advance prior to course commencement.

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

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