ViBTECH GENESiS™ Vibration Institute

ISO 18436-2 Vibration Analyst Training Course

Category I (CAT I)

Introduction to Machinery Vibrations

Course Level: Foundational

Course Overview

Introduction to Machinery Vibrations is a foundational training course offered by Vibration Institute USA. It is a Certified Vibration Analyst Category I course and is meant for maintenance engineers, technicians, and reliability professionals who are new to industrial vibration analysis.

Participants enrolled in this course can expect to develop formal knowledge and skills in vibration measurement, data collection, and basic analysis to support machinery condition monitoring and simple diagnostic activities. This course also helps prepare participants for the Vibration Analyst Category I 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

4 Days
9:00 am - 6:00 pm

26th - 29th January 2027
27th - 30th April 2027
27th - 30th July 2027
19th - 22nd October 2027

Course Location

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

Course Requirement

- Minimum 6 months of work experience.

Course Outcomes

Through this course, participants can expect to build the right foundation in machinery vibration and understand how vibration measurements help assess machinery condition. It comprehensively covers the concepts, instruments, and procedures used to perform simple, single-channel vibration monitoring and basic diagnostic activities. Key topics include:

- Vibration Sources and Use
- Basic Machinery Vibration
- Data Collection & Analysis
- Machine Characteristics
- Vibration Instruments
- Vibration Testing
- Basic Analysis
- Vibration Severity

This foundational course offers a starting point for participants who are new to the field of vibration analysis. It also serves as partial preparation for participants to sit for the ISO 18436-2 Vibration Analyst Category I Certification examination.

Certifications & Examination

The Certificate of Attendence will be issued by Vibtech Genesis.

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

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

Fees & Inclusives

SGD 3700.00 Per Participant.

SGD 3500.00 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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