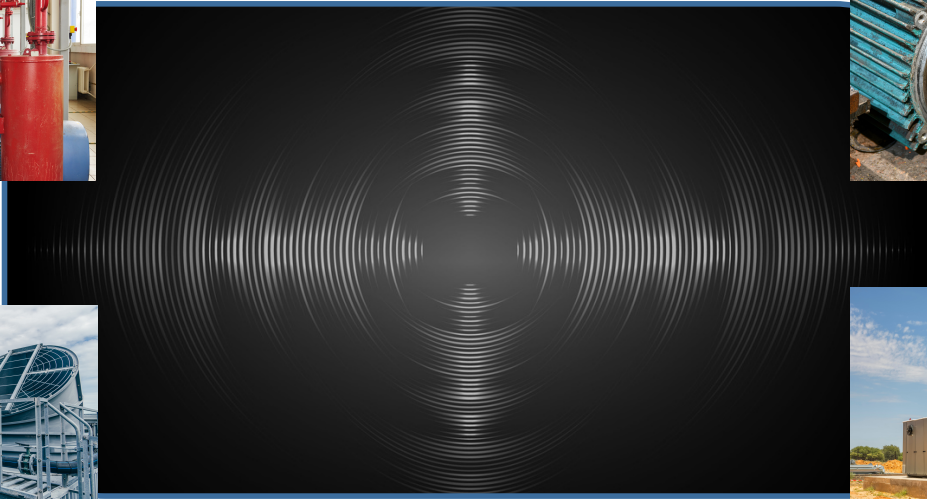
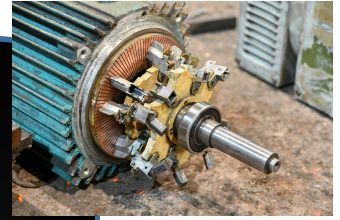




MOBIUS INSTITUTE – CERTIFIED VIBRATION ANALYSIS ISO 18436-2, CAT I

Code: 5170347 – 5212297

ABOUT THE COURSE

This course is the ideal starting place for new vibration analysts, people collecting vibration data, and those who want a better understanding of vibration analysis and condition monitoring.

Content

- Condition monitoring and vibration analysis
- Introduction to vibration measurements and principles of vibration
- An introduction to the time waveform, spectrum and forcing frequencies.
- A brief introduction to phase
- Data acquisition
- Understanding axial, radial, vertical, and horizontal readings
- A quick introduction to mounting the accelerometer and surface preparation
- Naming conventions
- What are “routes” and how do you create them?
- Signal processing
- Spectral averaging
- The spectrum analysis process
- A quick introduction to resonance
- Diagnosing common fault conditions
- Setting alarm limits

Certification prerequisite

Prior experience is not required for attending the training course, but 6 months of vibration analysis / condition monitoring experience is required for certification.

Certification examination

Duration: 2 to 4 hours



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What you will get:

- Students will receive comprehensive course materials, refreshments, and lunch.
- Registered students are given access to the online version of the course via the Mobius Institute Learning Zone before the class and for six months after the course completion to assist them with converting the course information into practice.
- Students who successfully complete the course will be awarded a Certificate of Completion and a certificate for
- Certified Vibration Expert, Category I as per ISO Standard 18436-2

Training period:

- 09:30 to 17:30 (4.5 days)

Category 1 – Who should attend:

- You are relatively new to vibration analysis.
- You are or will be collecting vibration data
- You are or will be analysing vibration data
- You look forward to the opportunity to develop your skills in the field of machine condition and vibration analysis
- You are seeking to become certified to international standards (ISO-18436) by an accredited certification body
- You want to become more valuable to your employer

When & Where?

Date: 31 Aug to 4th Sep 2026 (4.5 days)

Time: 9.30 am to 5.30 pm

Venue: Fluke South East Asia Pte Ltd

1 Clementi Loop, #06-02/03/04, Singapore 129808

Fees: SGD3,441.00 before GST

Registration closes: 21 Aug 2026



REGISTER NOW

