



Mobius Institute
Industry's Leading Vibration
Analysis Training & Certification
Providers

Vibration Analysis CAT I

ISO 18436 – VA CAT I

ISO Vibration Analysis CAT I is a Three-days course, the training 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.

ISO Vibration Analysis – CAT I Training Main Topics:

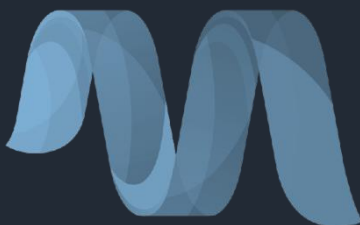
- Maintenance practices & CM
- Principles of vibration
- Introduction to vibration measurement
- Introduction to the time waveform
- Introduction to the spectrum
- Introduction to forcing frequencies
- Explaining the vibration units
- A brief introduction to phase
- Data acquisition
- Sensors places on the machine
- Sensor mounting and surface preparation
- Signal processing
- A quick tour of your analyser
- Spectral averaging
- Vibration analysis
- The spectrum analysis process
- Diagnosing common fault conditions
- Setting alarm limits

- Vibration the **oldest** and most known tool for Machinery Conditioning Monitoring .
- The ISO 18436 and the very first parts of it is for the vibration analyst training.
- **MCS – Machinery Diagnostics Institute** has the ability to deliver *Mobius Institute's* courses anywhere worldwide without being committed to a specific territory.

MDI – Machinery Diagnostics Institute Provides this training,

Accredit certification of successful completion is issued from **Mobius Institute** after the training.

Accredit certification according to ISO 18436 is issued from **Mobius Institute** after passing the ISO examination.



MDI - Machinery Diagnostics Institute - Gracemere, Queensland – Australia
Phone: +2 010 9 27 54 810 / +61 499 881 294
Email: Training@mcsturbo.com
Web: www.mdiagnostics.net