



## 4-Day Cat.I Ultrasound Certification Course

2018 Course Dates: 16-19 Apr 2018

### Course Objective

The 4-day course is an essential mix of theoretical knowledge and practical experience. Working from the Level 1 course guide, students are exposed to basic sound theory and how it is applied to the inspection disciplines demanded by an effective ultrasound program.

In accordance with ISO 18436-3 and 18436-8 32 Hours of course material + closed book exam Optional 2 Hour Certification Exam Available\* SDT's ISO CAT I Ultrasound Certification Training is an opportunity to work with and learn from some of the world's most experienced ultrasound trainers and inspectors.

### Course Topics

- Understanding the principles of ultrasound as applied to predictive maintenance
- Gaining knowledge on generic ultrasound equipment such as airborne and structure-borne sensors and their functions
- Explore data acquisition and storage options
- Analysing and trending data, utilizing time signal analysis and setting up statistical decibel alarms
- In depth study of ultrasound applications; leak detection, bearing lubrication and monitoring, steam trap and valve inspection, electrical systems analysis, hydraulic inspections and more.
- Assess equipment to determine severity priorities.
- Recommendations on implementing an ultrasound program at your facility

### Course Conditions & Requirements

- Candidates must provide evidence of a minimum of 6 months' practical work experience in the field of ultrasound condition monitoring and diagnostics.
- Candidates must also provide evidence of passing a hearing test conducted by a licensed professional, which attest that the individual is capable of hearing a standard pure tone audiometry with results of an average of 25 dB hearing level or lower
- Candidates must complete the training course, experience and hearing test requirements, and passed the certification exam with a score of 70% or more to be certified for CAT I Ultrasound Condition Monitoring and Diagnostics by MIBoC \*

\* Certification Exam is provided by Mobius Institute Board of Certification (MIBoC) which is ISO/IEC 17024 accredited in accordance with ISO 18436-1

### Course Date / Time:

16-19 Apr 2018 : 0900 - 1700 hrs  
Exam Time: 2-hours

### Course fees

\*Course Fees – SGD 3,500.00 per pax including exam fees. All Fees subjects to 7% GST.

### Venue :

Vibro Training Centre  
60 Ubi Crescent #01-05 UBI Techpark  
Singapore 408569

\*Payment is to be made upon enrolment. Course fees include course materials and tea breaks.

### Trainer/Facilitator

Oversea SDT Trainer

Organized By:

VIBRO TECHNOLOGIES & ENGINEERING PTE LTD - [www.vib-tech.com](http://www.vib-tech.com)

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