

## ISO CAT I Ultrasound Certification

In accordance with ISO 18436-3 and 18436-8  
32 Hours of course material + closed book exam

**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.**

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.

### GOALS OF THIS COURSE:

- 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 AND 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

**Cost per Attendee: \$2,750 AUD**  
**Includes Certification Exam**



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Ask about the discount available for SDT users and companies sending multiple attendees