ASSET PERFORMANCE MANAGEMENT

ISO 18436-2 CATEGORY IV EXPERT VIBRATION ANALYST

This course provides the ISO 18436-2 Category IV coursework towards certification. Students will explore the condition monitoring technologies and discover how a well-designed program and a reliability centered maintenance approach improve the bottom line.

Format

Duration: 52 hours **Schedule:** 5 Day(s) **Delivery:** Classroom

Who should attend

- Engineers who want to transition from being a very good vibration analyst to a vibration super-hero!
- Engineers involved in condition monitoring
- Personnel who want to become certified to international standards (ISO 18436)

Objectives

- Prepare the participant for the ISO 18436 category IV certification test.
- Learn how to be capable of handling any condition that may be presented, capable of performing any test, fully understanding flexible rotor machinery.

Required Prerequisites

60 months of experience is required for certification and recommended ISO CAT III

Program Outline

Program:

Distance learning online course:

· 6 months access to 52.5 hours of videos and materials on mobiusconnect.com

· Principles of vibration

· Signal processing

· Fault analysis

· Phase analysis

· Rotor/bearing dynamics

· Corrective action

· Equipment testing & diagnostics

· Fault severity determination

· Reference standards

Exam:

The exam and the associated certification is provided by Mobius. Baker Hughes can provide a proctored environment for the paper or online exam. 60 multiple-choice questions, with calculations required in 5 hours

Advanced Machinery Dynamics course

Bently Nevada™ course is accredited by Mobius Institute as a ISO 18436-2 Cat. IV course.

Additional Requirements: Duration: 52.5 hours of videos + 5 days / 35 hrs

CERTIFICATION
ISO Certification
Global Partner: Mobius Institute