

VIBRATION ANALYST CATEGORY I (32 HOURS)

(ISO 18436-2)



APRIL 17 TO 21
OCTOBER 23 TO 27

SCHEDULE

Monday to thursday: 9:00 to 14:00 - 15:00 to 18:00
Friday: 9:00 to 12:30 - EXAM

PRICE

COURSE: **995€** + EXAM: **400€** (VAT NOT INCLUDED)

PLACE

TSI's headquartes in Madrid

Course Director: Mr. Publio Beltrán Palomo
Trainers: Engineers specialized in noise and vibrations

KEYS TO SUCCESS

- **Certified Training:** Category I Vibration Analyst Course is a Certified Training and endorsed by the Vibration Institute, a North American entity with more than 45 years of experience in the area of mechanical vibrations.
- **Training Staff:** Made up of specialised TSI personnel with more than 35 years of experience and backed by more than 2,500 Diagnostic and fault resolution studies.
- **Continuing Education:** Participation in this course leaves you with a "permanent open window" to a "TSI specialist team" who will attend to your queries on equipment operation, diagnosis and troubleshooting.

CERTIFICATION ISSUED BY:



Vibration Institute

COURSE CONTENT

1. BASIC VIBRATION THEORY.
2. BASIC PRINCIPLES OF DATA ACQUISITION.
3. DATA PROCESSING.
4. FAULT ANALYSIS AND MONITORING: THE IMPORTANCE OF THE BASELINE.
5. INTRODUCTION TO FAULT DIAGNOSIS. CASE STUDIES.
6. CORRECTIVE ACTIONS AND ACCEPTANCE TESTING.
7. ASSESSMENT OF FAULT SEVERITY- ISO 10816 STANDARDS.
8. RELATED MEASUREMENT REPORTS AND DOCUMENTATION.

VIBRATION ANALYST CATEGORY I CERTIFICATION BY TRAINING ATTENDEES IN:

- Basic knowledges for checking the rotating machinery behavior using vibration analysis.
- Basic knowledges about: measurement chain, signal processing, analysis and diagnosis, reference standards, corrective actions and monitoring systems.

PRACTICAL DEVELOPMENT

As a complement to the theoretical presentation, attendees participate in working groups in the resolution of Practical Cases.
A certificate of attendance will be awarded.

CONTACT US



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ADDITIONAL INFORMATION

THIS TRAINING IS GIVEN ONLY ON A FACE-TO-FACE BASIS

WHO IS IT AIMED AT?

Technicians and Managers of Reliability and/or Predictive Maintenance Departments. With basic knowledge in the verification of the state of machinery by means of vibration analysis and basic knowledge of the measurement chain, processing, signal, among others.

Experience in machinery diagnosis by means of vibration analysis is not required.

FORMALISATION OF ENROLMENT

Reservations can be made by telephone or e-mail. Subject to advance payment of the fee by cheque or bank transfer.

CANCELLATION POLICY

Cancellation up to 20 working days before the start of the course will be refunded minus a 15% administration fee, plus the cost of the exam.

For ADAPTED COURSES, please contact TSI