

VIBRATION ANALYST CATEGORY III (38 HOURS)

(ISO 18436-2)



MAY 8 TO 12
NOVEMBER 20 TO 24

SCHEDULE

Monday to thursday: 8:30 to 14:00 - 15:00 to 19:00
Friday: 9:00 to 14:00 - EXAM

PRICE

COURSE: **1.395€** + EXAM: **50€** (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 III 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. THEORY AND GENERAL PRINCIPLES.
2. DATA ACQUISITION.
3. USE AND LIMITATIONS OF INSTRUMENTATION.
4. TIME AND FREQUENCY DOMAIN ANALYSIS
5. ORBIT AND PHASE ANALYSIS
6. RESONANCE AND CRITICAL SPEED TESTS.
7. MACHINERY CONDITION ANALYSIS.
8. VIBRATION CONTROL.
9. BALANCING.
10. FAILURE DIAGNOSIS.

VIBRATION ANALYST CATEGORY III CERTIFICATION BY TRAINING ATTENDEES IN:

- Advanced knowledge in failure diagnosis.
- Qualified to establish, direct, and/or perform programs for condition monitoring and diagnostics of machines including spectral, waveform, and orbit analysis.
- Qualified to perform minor corrective actions involving operating deflection shapes, single-plane balancing, and diagnostic testing.

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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www.tsisl.es

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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.

It is required to have the Vibration Analyst Course Category II and at least thirty-six (36) months of experience in vibration analysis.

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