

# VIBRATION ANALYST CATEGORY II (38 HOURS)

(ISO 18436-2)



**APRIL 24 TO 28**  
**NOVEMBER 13 TO 17**

## SCHEDULE

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

## PRICE

COURSE: **1.195€** + EXAM: **450€** (VAT NOT INCLUDED)

## PLACE

TSI's headquarters in Madrid

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

## KEYS TO SUCCESS

- **Certified Training:** Category II 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:**



## COURSE CONTENT

1. BASIC VIBRATION THEORY.
2. DATA ACQUISITION. ADVANCED CONCEPTS OF CONFIGURATION AND SELECTION.
3. DATA PROCESSING PRINCIPLES FOR ADVANCED ANALYSIS
4. ADVANCED FAULT DIAGNOSIS.
5. MACHINE CONDITION ASSESSMENT.
6. MACHINE TESTING
7. PERIODIC MONITORING.
8. BASIC BALANCING ON ROTATING MACHINERY.

### VIBRATION ANALYST CATEGORY II CERTIFICATION BY TRAINING ATTENDEES IN:

- Reaffirm theoretical and practical knowledges required for the Certification.
- Deepen signal processing, evaluation and diagnosis of machinery using vibration analysis.
- Detection and diagnosis of the most common mechanical failures by measurements, analysis and control of vibrations.

### 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](http://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.

**At least 12 months of practical experience in vibration analysis is 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**