



TRAINING CALENDER FOR 2023
ISO CERTIFIED VIBRATION ANALYST
CATEGORY EXAMINATION AND TRAINING

CONDUCTED
BY
VIBROTECH TRAINERS & CONSULTANTS PVT. LTD.

ISO Certified Vibration Analyst Examination & Training.

Note: This Training Programme for ISO Certified Vibration Analyst CAT- I, CAT-II is conducted at our premises and can be conducted at your Plant/Preferred location.

Training Schedule from June'2023 to December'2023

Location*	Program	Training / Examination Date	Last Date for Registration
Chennai	ISO Certification Category - II	July 05 th to 07 th (Wednesday to Friday)	May'15 th
Chennai	ISO Certification Category - II	September 13 th to 15 th (Wednesday to Friday)	August'01 st
Chennai	ISO Certification Category - II	December 06 th to 08 th (Wednesday to Friday)	October 20 th

ISO CERTIFIED VIBRATION ANALYST CATEGORY EXAMINATION & TRAINING

PROGRAMME OVERVIEW:

This Certification Training programme is designed for those having experience in measuring and analyzing machine vibrations. This programme is conducted on behalf of Vibration Institute, USA in India through Vibrotech Trainers and Consultants Private Limited., Chennai, representative in India.

Certification:

Examinations for certification will be held at the end of the course. Certification exams are open to all qualified officials depending on the current level of experience / certification. Aspiring officials may contact us to register for a certification exam – category - I, II or III in accordance with the Vibration Institute (USA) requirements and ISO Standard 18436-2.



TRAINING TOPICS - ISO CERTIFIED VIBRATION ANALYST (Indian Representative of Vibration Institute, USA.)

Category I – Training Topics

1. Vibration Sources and Uses
2. Basic Machinery Vibrations
3. Data Collection
4. Machinery Characteristics
5. Vibration Instruments
6. Vibration Testing
7. Basic Analysis
8. Vibration Severity

Category II – Training Topics

1. Basic Machinery Vibration
2. Data Acquisition
3. Data Processing
4. Fault Diagnosis
5. Machine Condition Evaluation
6. Machine Testing
7. Periodic Monitoring
8. Basic Balancing of Rotating Machinery

Topics for Category III

1. Principles of Vibration
2. Data Acquisition Procedures
3. Signal Processing
4. Time Waveform Analysis
5. Frequency and Phase Analysis
6. Orbit Analysis and Shaft Centerline Position
7. Machine Testing
8. Balancing of Rotating Machinery
9. Condition Monitoring and Evaluation
10. Machine, Components, and Potential Fault Frequencies

Note:

Since Examination is conducted on behalf of Vibration Institute (VI), USA, request you to kindly register at least 06 weeks in advance by filling the relevant VI application form CF009 for approval. VI requires 25 business days towards registration & couriering Examination papers for conducting the Certification Examination by its International Representative.

M/s. VIBROTECH TRAINERS & CONSULTANTS PVT. LTD.

(INTERNATIONAL REPRESENTATIVE OF M/s. VIBRATION INSTITUTE, USA)

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