

AGENDA

ISO CATEGORY II - INTERMEDIATE VIBRATION ANALYST TRAINING & CERTIFICATION



The Intermediate Vibration Analysis course is intended for personnel who have at least twelve months vibration analysis experience and a thorough understanding of vibration theory and terminology. Eighteen months of vibration analysis experience is required for Category II or Level II certification. The course provides an in-depth study of machinery faults and their associated spectrum, time waveform and phase characteristics. A Category II analyst is expected to know how to test machines correctly, how to diagnose faults accurately, perform additional diagnostic tests for verification, how to set vibration alarm limits, and how to correct certain types of faults. You need to understand what your analyzer settings mean so that you can take the best measurements. You also need to understand why the vibration patterns change the way they do and how to use time waveform analysis and phase analysis to verify the fault condition.

DETAILED TOPIC LIST:

- Review of Maintenance Practices
- Review of Condition Monitoring Technologies
- Principles of Vibration
- Data Acquisition
- Signal Processing
- Vibration Analysis
- Fault Analysis
- Equipment Testing & Diagnostics
- Corrective Action
- Running a Successful Condition Monitoring Program
- Acceptance Testing
- Review of ISO Standards



FOR MORE INFORMATION VISIT OUR WEBSITE OR CONTACT OUR CUSTOMER EXPERIENCE COORDINATOR, EMILY JONES