

Category I: Vibration Analysis

NorthPoint's Vibration Analysis Training Program is generally compliant with the ISO 18436–2 standard for personnel involved in non-destructive testing, condition monitoring and machinery diagnostics, offering the appropriate theoretical and practical hands-on knowledge of vibration measurement and analysis. The ISO 18436-2 standard stipulates theory covered is non-product specific to ensure that concepts are grasped prior to introducing instrumentation technology.

NorthPoint's Vibration Analysis training courses (Category I – III) track directly to optional certification examinations. Certification examinations are offered supplemental to the training courses for those attendees wishing to attain certification status.

Certification provides a means for evaluating and documenting the competence of individuals and provides companies with the confidence of identifying individuals who are best suited and qualified to perform work.

NorthPoint courses and certification examinations meet the requirements of the ISO 18436-2 standard and the courses are recognized by the Engineering Institute of Canada for Continuing Education Units (CEU's).

This course is particularly suited for Tradespersons and Technicians with minimal experience in basic vibration collection. The ISO standard 18436-2 recommends that students have successfully completed secondary school or its equivalent and have a minimum of 6 months relevant experience.

The objective of this course is to train individuals how to perform simple single channel machinery vibration measurements. This individual is not responsible for the choice of sensor used, any analysis conducted, or the assessment of the results.

Category I Vibration Analysis trained individuals will be qualified to:

- Understand vibration basics and the importance of measurement and analysis;
- Operate and care for portable instrumentation;
- Take readings from permanently installed instrumentation;
- Input results into a database and download routes from a computer;
- Conduct testing under steady state-state operating conditions;
- Be able to identify and reject bad data;
- Compare overall single value vibration measurements against pre-established alert settings

For more information or to register email adoyle@northpointts.com