



Using Real Life  
"SIT COND" Cases To  
Improve Your  
Vibration Analysis Skill ...

## 5-Day Certified Cat.II Vibration Analyst Training Basic Machinery Vibration (BMV) Certified Exam from Vibration Institute, USA

2018 Course Dates:  
19-23 Mar 2018, 23-27 Jul, 03-07 Dec 2018

### Course Objective

This course prepares attendees to perform basic machinery vibration analysis on industrial machinery using single-channel measurements, with or without triggers signals, according to established and recognized procedures, It covers basics of sensors, database and data collector setup, data collection, signal processing, fault analysis, and basics of single plane balancing.

### Course Topics

- (I) Basic vibration concepts and terminology
- (II) Use of electronic data collectors for monitoring and analysis
- (III) Machine monitoring principles
- (IV) Selection and location of transducers
- (V) Data acquisition for monitoring and analysis
- (VI) Fault and condition analysis
- (VII) Calculating machine frequencies
- (VIII) Operating speed fault analysis
- (IX) Machine acceptance testing

### Course Date/Time :

19-23 Mar 2018  
23-27 Jul 2018  
03-07 Dec 2018  
Mon - Fri: 9am ~ 6pm (40 hours)

### Venue :

Vibro Training Centre

### Exam Date:

The following Monday after the Course.

### Exam Requirement:

Minimum Cat.I + 38 Training hours.  
At least 18 months of relevant experience in machinery vibration or hold a technical degree.

### Facilitator

(1) Nick Kang is the Director / Entrepreneur of Vibro Technologies and has more than 20 Years' experience in Diagnostics / Predictive Based Maintenance. He is a Certified Vibration Analyst Category III in accordance to ISO 18436-2. He is also a Certified SDT Hatch Cover Inspector.

### Benefits

Be Certified as Cat.II Vibration Analyst from reputable Vibration Institute, USA.  
Being capable of defining routine data collection activities including acquisition and analysis settings using basic signal analysis, collecting extra test points when unusual conditions exist, performing single channel impact tests, interpreting and evaluating test results in accordance with specifications and standards, diagnosing common faults.

### Who should attend

Technical Personnels who involve in direct maintenance, trouble shooting of rotating machinery and want to enhance knowledge in maintenance program with vibration.

### Course fees

\*Course Fees – SGD 3,400 (including Exam Fees) per pax. All Fees subjects to 7% GST.

**Early Bird Disc: Less \$200 if enrol 3-month before course commence.**

#Re-Exam Fees – SGD 1,300 + 7% GST (Includes proctor/admin fees). For those who re-take within 1-year from our last taken course, special rate at SGD 900 per pax + 7% GST.

\*Payment is to be made upon enrolment. Course fees include course materials, and lunch / tea breaks. Excludes VI Membership/Surveillance fees or fees associated to Vibration Institute.

Terms & Conditions apply.

### Certificate

Attendance Certificate will be issued by Vibro. VI Certificate will be issued to those who pass the exam.



Organized By:

VIBRO TECHNOLOGIES & ENGINEERING PTE LTD - [www.vib-tech.com](http://www.vib-tech.com)

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