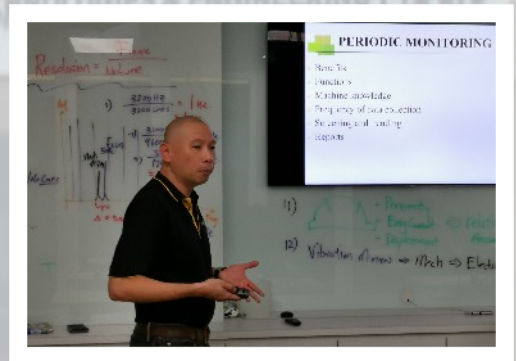


# 5 DAYS

## CERTIFIED CAT.II VIBRATION ANALYST TRAINING Basic Machinery Vibration ( BMV )

Course dates : **17-21 Feb, 15-19 Jun, 19-23 Oct 2020**  
Certified Examination from Vibration Institute USA



**Vibro Technologies & Engineering Pte Ltd**

**NO PROBLEM! ONLY SOLUTIONS**

# COURSE DETAILS

## 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

1. Basics vibration concepts and terminology
2. Use of electronic data collectors for monitoring and analysis
3. Machine monitoring principles
4. Selection and location of transducer
5. Data acquisition for monitoring and analysis
6. Fault and condition analysis
7. Calculating machine frequencies
8. Operating speed fault analysis
9. Machine acceptance testing

## 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.

## Course Duration

9 am - 6 pm ( Mon - Fri )  
17-21 Feb, 15-19 Jun, 19-23 Oct 2020

## About the facilitator



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

## Who should attend

Technical personnels who involve in direct maintenance, troubleshooting of rotating machinery and want to enhance knowledge in maintenance program with vibration

## Course Fees

- Course Fees - SGD 3400.00 per person per pax including fees. All fees subject to 7% GST

Re-exam fees - SGD 1300.00 per pax ( Including admin fees ) + 7% GST. For those who re-take within 1 year from our last taken. Course special rate at SGD 900.00 per pax + 7% GST

Payment is to be made upon enrolment. Course fees include course materials and 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**

## Exam Date

The following Monday after the course  
Examination time : 9 am - 12 pm ( 3 hours )

## Exam Requirements

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

## COURSE ORGANIZED BY



**Vibro Technologies & Engineering Pte Ltd**  
60 Ubi Crescent #01-05 UBI Techpark Singapore 408569

For course registration, contact 6749 2426 or email : [vibtech@vib-tech.com](mailto:vibtech@vib-tech.com)