

# ISO CAT-IV

## MASTER VIBRATION ANALYST COURSE & CERTIFICATION PATTAYA, THAILAND

### Master Vibration Analyst Training Course (CAT-IV) with Mobius Institute

#### ISO Standard 18436-2 Category IV Classroom Course & (Optional) Exam

**Dates:** Classroom, 27 to 31 October 2025

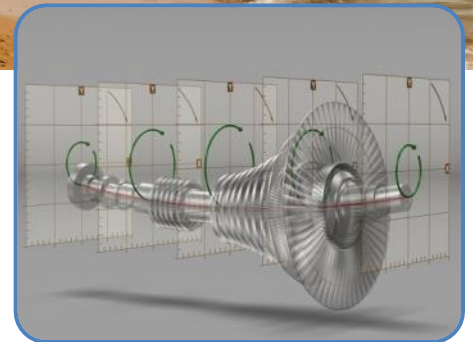
**Location:** Pattaya, Chonburi, Thailand

**Instructor:** Roengchai Chumai, Machinosis Company Limited

**Language:** English

**Hotel:** TBA

**Cost:** contact training center



**Course Prerequisite:** Completion of MASTER VIBRATION ANALYST (CAT-IV) ONLINE TRAINING over the web.



**Certification Prerequisite:** Completion of both online & classroom training courses, passing the certification exam (70% passing score), having at least 60 months of practical vibration analysis work experience and having prior certification to CAT III through Mobius Institute, Vibration Institute or BINDT



**Recommended Course Reference Book:** Students should purchase Robert Eisenmann, Sr.'s book "*Machinery Malfunction Diagnosis and Correction*", [click here to purchase the book online at Amazon.com](#)

**REGISTRATION & PURCHASE:** To register and purchase the review course, please contact Roengchai Chumai via [training@machinosis.com](mailto:training@machinosis.com) or Tel (+66) (0) 81-8300916 (Thailand)

TITEK – Machinosis's partner in Vietnam: (+84) 0978 39 03 39 | [training@titek.vn](mailto:training@titek.vn) | <https://titek.vn/>

## ISO CAT-IV Classroom Session

Join Mobius Institute to learn and enjoy yourself in *beautiful Pattaya, Thailand*, where we are offering our MASTER VIBRATION ANALYST ISO 18436 CATEGORY IV (CAT-IV) CLASSROOM COURSE. This four-day course will be delivered in a classroom environment, with the optional examination given on the fifth day.

The goal of the classroom session is to combine education, review and question practice. Attendees will learn, and attendees will be tested. The sessions will be very interactive with ample opportunity to ask questions. As we revise the topics covered in the on-line videos we will also challenge you with exam standard practical questions.

### ***Day One & Two:***

We will focus on advanced signal processing, structural dynamics, corrective action (isolation, resonance correction, etc.), ODS, and modal analysis. Along with the topic revision we will go through the worked examples and students will be given poll questions to test their knowledge.

### ***Day Three & Four:***

We will focus on proximity probe measurements, conventions, orbits, centerline plots, journal bearings, rotordynamics, diagnosing common faults associated with journal bearings and turbo-machinery, and flexible rotor balancing. Once again, along with the topic revision we will go through the worked examples and students will be given poll questions to test their knowledge.

### ***Day Five:***

You will take the five-hour Category IV exam. The exam will start early in the morning so that you should be able to leave the venue by 14:00.

## Meet your instructor:

### Roengchai Chumai



Roengchai is founder and technical director of Machinosis Company Limited, a consulting and engineering company in the field of machinery condition monitoring and diagnostics located in Rayong, Thailand. He started his career with Bently Nevada (Thailand) Limited in 1999 as a machinery diagnostics engineer (now General Electric since 2002). He is responsible for machinery vibration testing, analysis and troubleshooting, field balancing, rotordynamics modeling and analysis. He was a technical leader of machinery diagnostics group for Asia region including Australia and New Zealand in 2008 until he left the company in 2015. He holds a bachelor degree in mechanical engineering from King Mongkut's University of Technology Thonburi and a master degree in management science from Asian University. He is a certified vibration analyst Cat. IV according to ISO standard and a member of ASME.

Mobius Institute is ISO accredited to ISO 17024 and ISO 18436-1. Mobius has training centers in over 50 countries and has trained over 15,000 people in a classroom setting and many thousands more via e-learning.



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