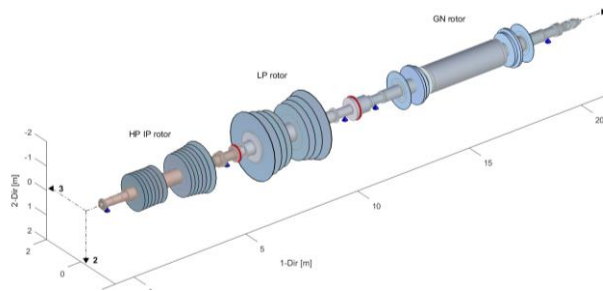


Turbomachinery Diagnostic Training In Vietnam



Rotordynamics modeling and analysis

About

Understanding machine behaviors is very important to diagnostics works as well as troubleshooting turbomachinery problems encountered in the field. Rotordynamics study is mandatory before the machine is actually built to foresee potential problems and ensure desired behaviors. This is also used when machine parts is retrofitted such as bearings, seals, impellers, etc.

Contact Us

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machinosis
your machinery diagnosis partner

MACHINOSIS COMPANY LIMITED

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Rayong 21130 THAILAND

Phone: +66 (0) 8300916 (Thailand)

Email: training@machinosis.com

Web: www.machinosis.com

Course objectives

- To ensure desired machine behaviors and comply with specific standard
- To better understand machine behaviors and vibration response
- To foresee and predict machinery vibration response
- To ensure integrity of machine parts such as bearings, seals, etc.
- To assist in troubleshooting of machinery vibration problems and field balancing
- To be able to interpret and understand rotordynamics analysis reports supplied by machine manufacturer



**MACHINOSIS
COMPANY
LIMITED**

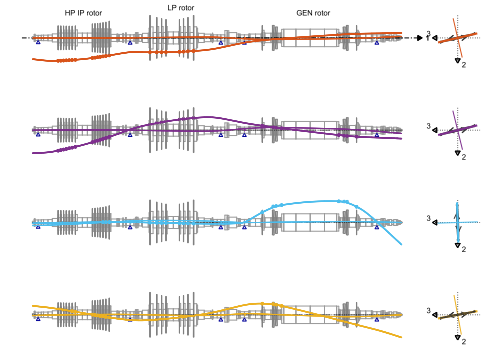
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Agenda

- Introduction to analytical modeling
- Mechanical properties calculations
- Development of simple rotor model
- Bearing, seals, and supports modeling
- Assembly and model tuning
- Results plots interpretation and discussions
- Model validation and evaluation
- Review on standard lateral models
- Torsional model development and evaluation
- Practical case study and workshop



“To better understand machinery vibration behaviors and predict potential problems”

Course duration

3 days

Venue

Machinosis’s training center/Pattaya

Tiên Phong training center/HCM

Online w/ instructor led

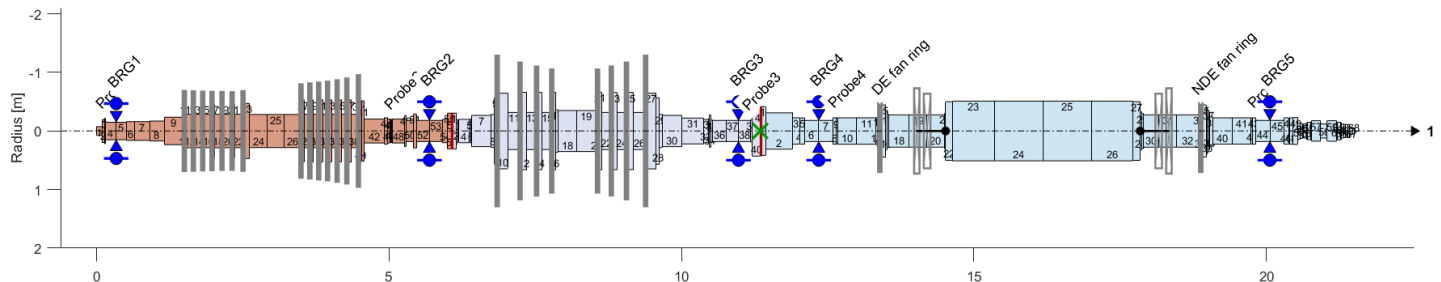
Onsite/Private in-house

Fee

Contact our training center

Our reference customers

PTTGSP, TNB Malaysia, Indorama, GCME, SCG/REPCO, PTTEP



Turbomachinery Diagnostic Training In Vietnam



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Master Vibration Analyst CAT. IV

By Machinosis

On 17-21 June 2024

Amari Pattaya Hotel



Turbomachinery Diagnostic Training In Vietnam

ABOUT INSTRUCTOR

- Roengchai Chumai (RC) – Machinosis Director & Principal Engineer
 - Certified **vibration analyst Cat IV** & course instructor according to ISO Standard
 - 1999 – Machinery Diagnostics (MD) Engineer at Bently Nevada (Thailand) Ltd.
 - 2002 – Bently Nevada Corporation was taken over by GE
 - 2008 – 2015 – **Technical Leader** of Asia, Australia, New Zealand regions (including China from 2008 – 2009)
 - GE/BN **Machinery Diagnostics Engineer Level 3** (Principal Engineer)
 - GE/BN Certified MD Courses Instructor
 - GE/BN Certified Recip Solution & Decision Support Engineer/RulePak
 - **Published more than 10+ technical papers in international magazine, journal, and conference proceeding**
 - End of services at GE on **28 Feb 2015**

