

WEBINAR TALK

ROTATING EQUIPMENT FAILURES: HARD TRUTHS AND PRACTICAL FIXES

Organised by :

Mechanical Engineering Technical Division, METD, IEM



14th Feb 2026, Saturday
10AM - 12PM



**VIRTUAL PLATFORM
VIA ZOOM**

REGISTER NOW



IEM Approved CPD: 2 Hours
CPD Ref.No.: IEM26/HQ/028/T

Registration Fees

- Student Member: Free
- IEM Member: RM15.00
- Non-Member: RM70.00



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Synopsis

Repeated breakdowns of pumps, compressors, and turbines can cripple plant reliability, drain budgets, and frustrate maintenance teams. Yet behind every chronic failure lies a story—and a lesson.

In this 2-hour webinar, I will share real-world cases of rotodynamic equipment failures encountered across industries in Malaysia, from my early years as a fresh graduate engineer to my recent work advising outage teams in an aging power plant. These are not textbook examples, but hard-earned experiences from the field—where seals leaked, bearings burned out, and vibration issues refused to go away.

Through these stories, participants will discover:

- Root causes behind chronic failures and why they often repeat after overhauls.
- Practical troubleshooting approaches that go beyond quick fixes.
- Lessons learned across industries—from palm oil mills to power generation.
- Actionable advice for engineers and technicians facing repeated failures in their own facilities.

This session is designed for maintenance engineers, reliability specialists, technicians, and service providers who want to sharpen their problem-solving skills, avoid costly mistakes, and build a stronger reliability culture in their plants.

Join us to learn how failures can become your best teachers—and how to turn setbacks into sustainable solutions.

Speakers Biodata

Ir. Soh Wee Chong is a retired Professional Engineer and founder of Francserve (M) Sdn Bhd. A graduate of the University of Malaya in 1979, he has over four decades of experience in mechanical maintenance engineering, plant equipment repair, and reliability improvement. Known for his innovative approach, he has designed jigs, fixtures, special tools, and machines to address chronic equipment failures. Despite semi-retirement, he continues to contribute as a technical advisor, trainer, and mentor, sharing practical knowledge gained from extensive industrial plant repair and overhaul projects. His expertise is widely sought by plant owners and operators, especially during outages, where his solutions enhance maintainability and operational efficiency. Passionate about knowledge-sharing, Ir. Soh remains active in guiding engineers and organizations toward sustainable practices in mechanical equipment management.