

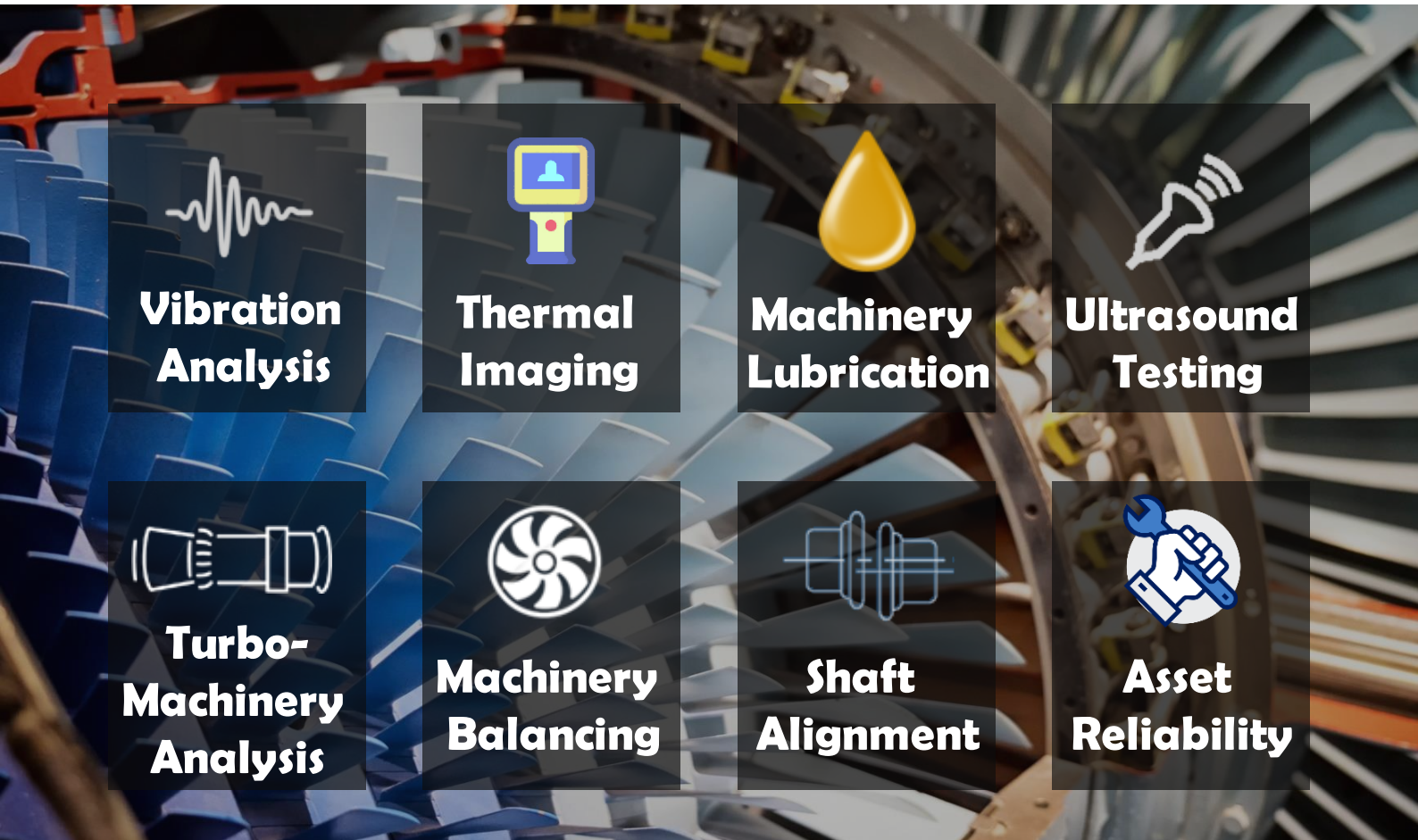


# Machinery Diagnostics Institute


*MDI – Machinery Diagnostics Institute are worldwide professionals providing class room and virtual online interactive technical trainings, based in Queensland – Australia.*

*Teaching staff are real practitioners specialized in delivering knowledge of Machinery Diagnostics techniques from basic levels to the most advanced.*

*Helping technical teams to develop their knowledge, knowing how to best utilize the most advanced diagnostics techniques and improve site performance through delivering accredit trainings and guiding them to the best practices.*




**Vibration Analysis**



**Thermal Imaging**



**Machinery Lubrication**




**Ultrasound Testing**



**Turbo-Machinery Analysis**



**Machinery Balancing**



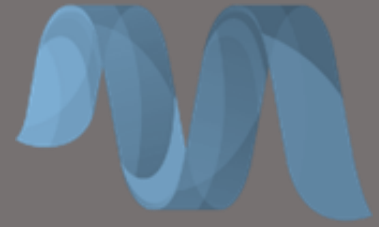
**Shaft Alignment**



**Asset Reliability**

## OUR PARTNERS





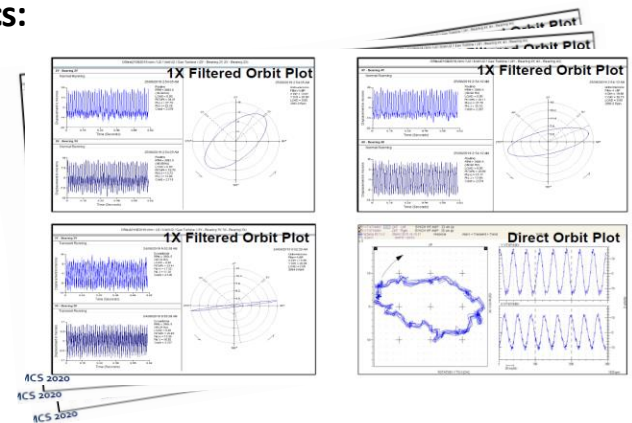
MDI - Machinery Diagnostics Institute  
The training provider for Advanced  
Turbomachinery Analysis training course  
and certification

## Advanced Turbomachinery Analysis

A Five-Days training course will provide all technical information of advanced levels with a very detailed and rich topic covering the most advanced turbo-machinery faults and their diagnostics techniques.

### Advanced Turbomachinery Analysis Training Main Topics:

- Introduction to Turbomachinery
- Measurement Sensors & It's Application
- Journal Bearings Types, Design & Selection
- Phase Measurement & Analysis
- Orbit and Average Shaft Center Line Plot
- Full Spectrum Plots Analysis
- Transient State Plots Analysis
- Trend Plot Analysis
- Rotor Dynamics
- Turbomachinery Malfunctions
- ISO Standard
- Turbomachinery Diagnostics Case Studies

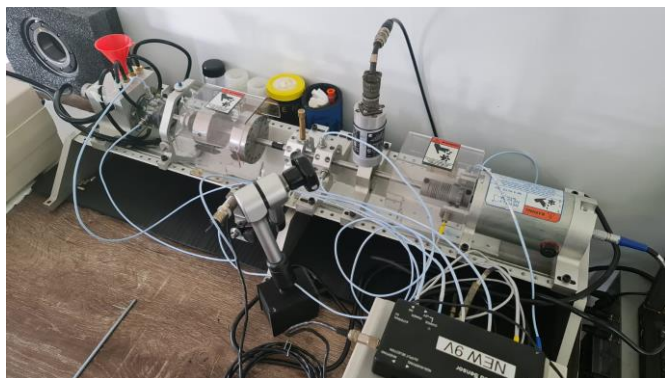


### Hardcopy References & Faults Summary

Acquire textbook for your reference &  
Turbomachinery Faults Summary

## Gain wide practical experience

Gain wide practical experience based on hundreds of turbomachinery diagnostics cases And a practical learning for all tricks of data collection and analysis



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