

OUR PROMISE



To recommend the right tool for the job, train and certify you, and calibrate your equipment with cost-effective, fast turnaround times.

WHAT WE CAN DO FOR YOU

Our focus is on providing:

- Laser Alignment Systems
- Portable and Wireless Online Vibration Systems
- Field Balancing Equipment
- Vibration Sensors, 4-20mA Transmitters, and Cabling
- Ultrasonic Testing Devices for Predictive Maintenance
- Strobe Lights and Speed Sensors
- On-site Oil Analysis Kits
- Motor Circuit Analysis Equipment
- Training in Shaft Alignment, Vibration Analysis, and Field Balancing

» About Us

Founded by **Christo van der Walt** M.Eng (Mech) over 30 years ago, Engineering Dynamics is a solution-focused company that provides industries with the means to prevent costly and disruptive machine failure.

Why We Started

Our mission is to provide fit-for-purpose, user-friendly, and robust Laser Alignment, Vibration Monitoring and other essential Predictive Maintenance tools that protect businesses from unexpected downtime and expensive equipment failures. We strive to achieve the ideal balance between sophistication and durability, sourcing critical measurement equipment that can withstand the challenges of typical operational environments. Designed to thrive in Africa's toughest conditions, our equipment meets our clients' exacting expectations for cost-effectiveness, reliable performance, and long-lasting reliability.

Industries we serve:

- Power Generation
- Petrochemical
- Steel Manufacturing
- Process Plant
- Mining, and
- Service providers and contractors to these industries.

Initially serving only southern Africa, we now supply and support these systems **throughout the African continent.**

» Training

Engineering Dynamics presents a range of courses catering to a diverse audience, including Engineers, Technicians, Supervisors, Fitters, Rotating Equipment Specialists, Quality Control Inspectors, and Condition Monitoring Technicians.

Our courses include:

Laser Shaft Alignment Training:

A four-day certificate course covering laser shaft alignment theory and practice, aligned with ANSI standards and emphasising hands-on skills. Onsite training for larger groups is available.

Vibration Analysis and Field Balancing Training:

This five-day certificate course covers vibration fundamentals (detecting and analysing the most common issues encountered in our industries) for the first 2.5 days, followed by 2.5 days of foundational field-balancing techniques for rotating equipment.



We look forward to serving you and helping you prevent costly and disruptive machine failure.