



CAPABILITY STATEMENT

MACHINERY DYNAMICS & DIAGNOSTICS

Focussing on mining, power generation, manufacturing and associated heavy industry sectors, Verico works with our customers to provide highly effective precision maintenance, testing and analysis services. We maximise personnel and equipment safety, asset availability and production output while lowering maintenance costs throughout the life of your equipment.

SERVICE OFFERING

- Multi-channel, fixed & variable speed vibration analysis
- Multiplane balancing
- Turbo machinery, gas & hydro turbines, compressors
- Critical plant defects requiring specialised testing, analysis & investigation
- Structural vibration analysis & investigation
- Operating Deflection Shape (ODS)

OUR APPROACH

Complex problems affecting production output, reliability or safety can take time to work through and resolve, however when your asset is down you need the solution yesterday.

Verico understand the importance and urgency of finding the right solution to your complex problems and are equipped with the hardware and expertise to identify issues affecting plant operation, provide the right fix and get things back on track.

From high-speed machinery such as steam & gas turbines, pumps, fans & compressors, to conveyor drive and reeving systems, Verico can simultaneously monitor and analyse a multitude of machine operating variables to paint a picture of the current operation of your equipment, diagnose problems and apply the right fix.

We aim to provide a solution that is permanent so as to eliminate the defect, and continuously improve equipment reliability throughout its lifecycle.

Typical Application:

Power generation assets such as steam & gas turbines, pumps, fans, compressors, cooling, vacuum, condenser & power distribution systems, statutory plant, materials handling systems such as conveyors.

Benefits:

- Timely reaction and turnaround time
- Reduced downtime
- Geared towards permanent solutions
- Continuous improvement of plant reliability

Markets:

- Mining
- Power generation
- Manufacturing
- Associated heavy industries

