



CAPABILITY STATEMENT

INTEGRATED 24/7 CONDITION MONITORING

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

- Customised site CM program development
- 24/7 online CM system design, install, analysis & reporting
- Automated CMMS integration
- Infrared Thermography
- Dynamic balancing
- Laser shaft alignment
- Lubricating oil sample collection, analysis & reporting
- Transformer oil sample collection, analysis & reporting, including DGA

OUR APPROACH

24/7 online monitoring provides regular snapshots of the performance and condition of your critical assets so that you are always aware of the health of your plant items.

Online systems provide many advantages over the old method of collecting condition monitoring data every few weeks in the hope that you'll capture defective items before they fail catastrophically. While the older methods of routine monitoring can be tuned for "satisfactory" levels of success, we still suffer many failures because the frequency of surveys is usually based on commonly accepted PF intervals which include an element of assumption and guess work. Online systems are increasingly becoming the norm in production based industry because of the advances in technology, reduction in system cost and the exceptional levels of success they provide in identifying problems.

24/7 online monitoring is just that, no assumptions and no guess work. Its like having a CM technician permanently stationed at each of your critical assets collecting data every few seconds and reporting abnormal conditions to you at the moment they breach acceptable levels. This puts the ball back in your court to plan and resource rectification work at a time that fits with your maintenance strategies, all but eliminating unplanned maintenance on your production critical assets.

Further, having access to timely & accurate information regarding the condition of your assets, your operation can begin to consider moving away from calendar based maintenance & component changes, to purely condition based on many plant items. The cost & resource advantages associated with this approach to maintenance can move your operation towards world's best practice.

Typical Application:

ODS, cross phase, acceleration, displacement & resonant conditions, bearing and gear defects on all items of fixed and variable speed rotating equipment.

Benefits:

- Timely reaction and turnaround time
- Exceptional asset reliability
- Very early warning of impending failure
- Maximum parts & planning lead time
- Ability to move towards condition based maintenance
- Reduced Insurance costs
- Less people/machine interaction
- Maximised personnel & equipment safety

Markets:

- Mining
- Power generation
- Manufacturing
- Associated heavy industries

