

# RELIABLE PARTNER FOR YOUR **PUMPING SOLUTION**



ON-SITE MONITORING  
**DIAGNOSTIC & CONSULTING SERVICES**

# ON-SITE MONITORING SERVICES

On-site monitoring provides the information required by pump users to manage their pumping system and to help them to make decisions on recommended modifications. The recommended modifications are to make sure their pump operates at optimum performance for current operating conditions. The information can then be used either as a standard performance to monitor or as a comparison for future changes in performance. Rather than relying on average recommended time intervals of maintenance, by using the data of on-going measurements of pump performance, the need for maintenance can be predicted. This makes the maintenance more reliable, providing earlier warnings when your pump has a change in operating conditions.

## Optimum performance assurance;

Pump users need to be assured their pump is operating at optimum performance. We provide monitoring and diagnostic services designed to deliver key benefits to end users:

- » Optimized energy consumption
- » Pump performance matched to process needs
- » Extended or eliminated scheduled service intervals
- » Minimize the risk of emergency shutdowns due to pump failures

## Conversion of data to knowledge;

When visiting a customer site, experienced service team will typically review the following parameters:

- » Flow
- » Dynamic head
- » Power absorbed
- » Efficiency
- » Net Positive Suction Head (NPSH) available/required
- » Temperatures
- » Vibration levels
- » Piping interfaces
- » Bearing support and lubrication
- » Seal arrangement including piping arrangements

