

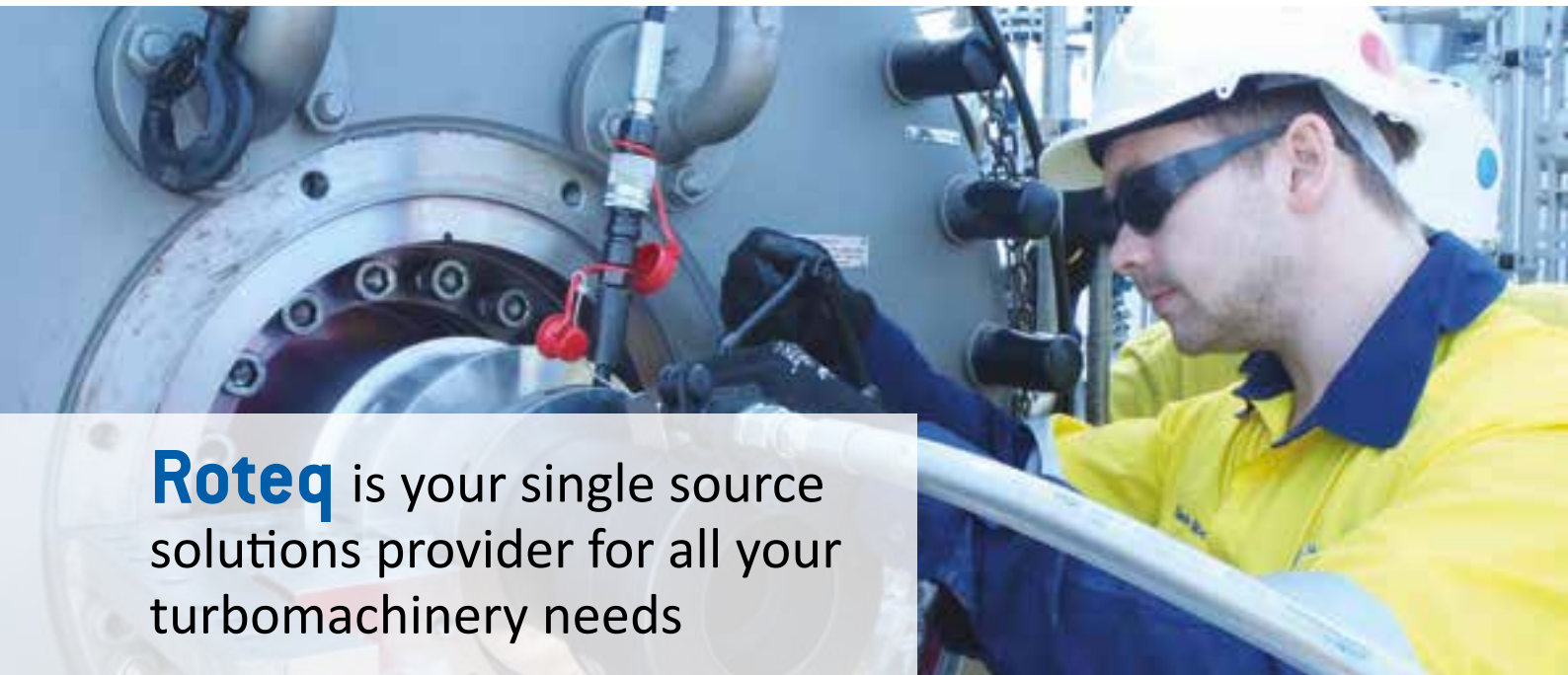


Roteq

turbomachinery
services

Field Services
Workshop Services
Controls
Diagnostics

Capability Statement



Roteq is your single source solutions provider for all your turbomachinery needs

www.roteqturbo.com



Roteq – We're a people business where everyone goes the extra mile to meet your needs

WELCOME TO ROTEQ

Roteq operates to fill the need for independent, responsive, accessible and flexible turbomachinery services. Roteq is your single source solution provider for all your turbomachinery needs.

INTEGRATED MANAGEMENT SYSTEM

Roteq is proud to deliver outstanding workmanship on time with zero injuries. At all levels of operation we plan and conduct our activities protecting and conserving the natural environment.



TURBOMACHINERY SPECIALISTS

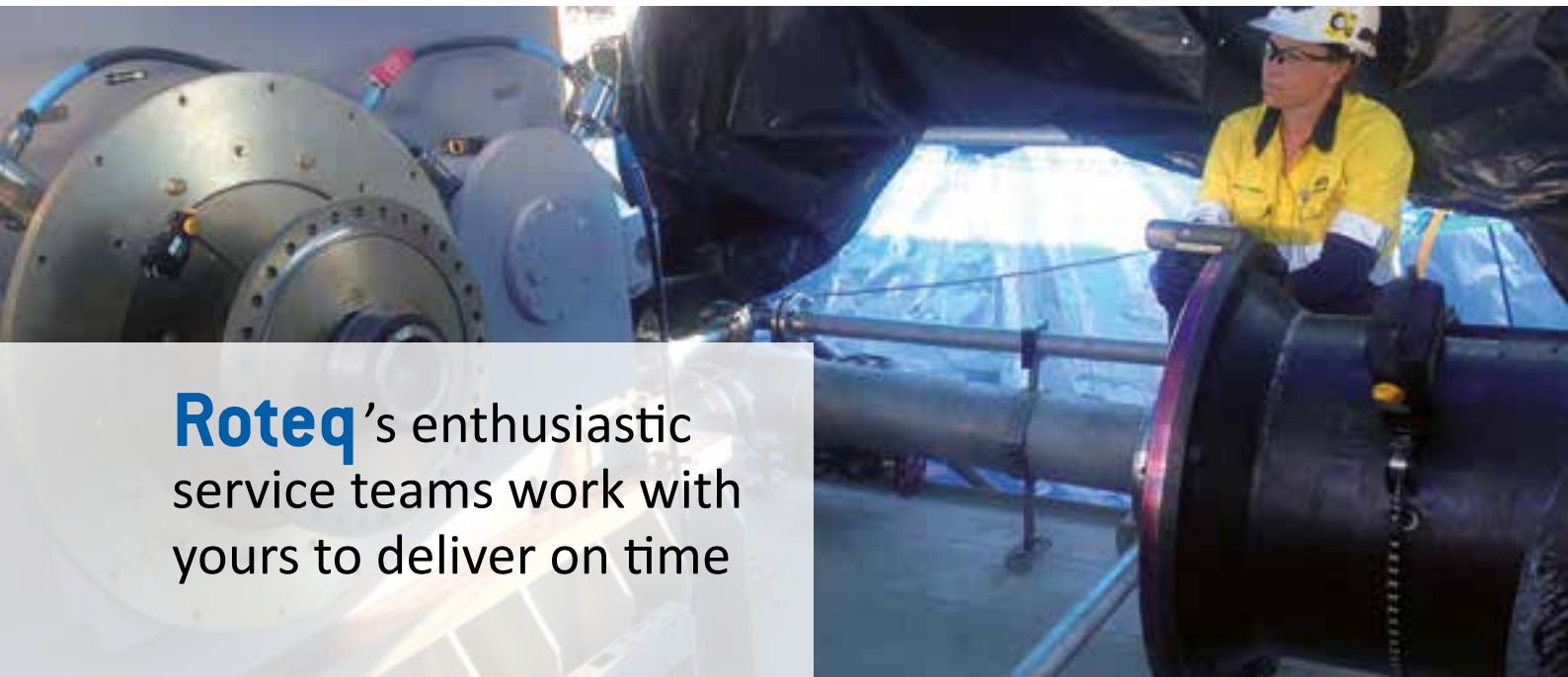
Our interdisciplinary teams are specialists in their chosen field of turbomachinery, with experience gained internationally. Many built their expertise first hand by working for original equipment manufacturers.

We are a people business, where everyone goes the extra mile.

When a job needs doing, we're there.



Andre Bossert
Director - CEO



Roteq's enthusiastic service teams work with yours to deliver on time

FIELD SERVICES

No matter the complexity of your project, our specialists will work together with your team to exceed expectations and deliver on time.

Roteq offers collaborative field service. Our teams work on steam and gas turbines, turbo compressors, pumps and associated equipment, including motors, generators, gearboxes, lube oil systems, gas seals and cooling systems and their controls.

PLANNED OVERHAULS

Roteq executes complete shut downs and provides reports and recommendations for repairs. We manage long term service agreements.

NEW INSTALLATIONS

Planning, execution and commissioning of all critical rotating equipment from construction to hand over.

EMERGENCY RESPONSE

Roteq responds immediately to your unexpected maintenance requirements, at any time.

PRE-SHUT DOWN PLANNING

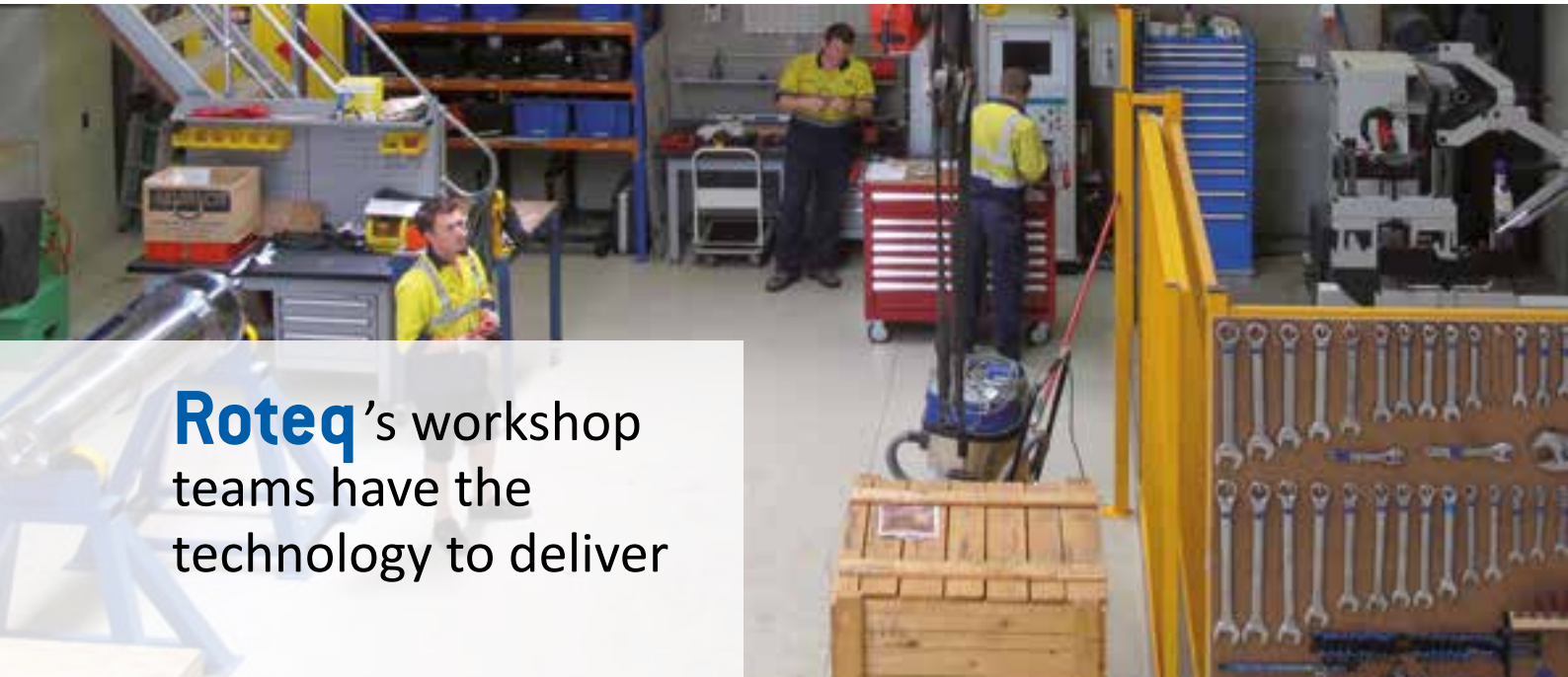
Roteq develops detailed scopes and work-packs. We pre-plan overhauls including scheduling resources and inspection of spare parts.

LUBE OIL FLUSHING

Using purpose-built mobile centrifuge filter systems, we ensure maximum cleanliness and de-watering. Oil sampling and reporting is undertaken to ISO standards.

ON SITE AND OFF SITE TRAINING

Fully customised training programmes for your staff are provided, covering all aspects of turbomachinery operation and maintenance.



Roteq's workshop teams have the technology to deliver

WORKSHOP SERVICES

By combining Roteq's in-house skills with highly specialised subcontractor partners, we ensure all your turbomachinery related inspection, repair and re-engineering needs are met quickly, safely and cost effectively.

EQUIPMENT OVERHAUL

Roteq is focused on overhauling rotating and stationary components of compressors, turbines, pumps and their sub-assemblies. Our technical "as left" reporting is immediately available online.

RE-ENGINEERING

We upgrade components for compressors, turbines, pumps and control systems to comply with latest standards.

WORKSHOP DYNAMIC BALANCING

Roteq's balancing machines operate to highest standards and we deliver comprehensive quality reports.

ROTOR STORAGE

To keep your rotor in perfect condition, Roteq stores your critical parts in custom made nitrogen buffered storage boxes in a climate controlled environment. Same day shipping is guaranteed.

SPARE PARTS

At Roteq we understand the value of spare parts to your business-critical rotating equipment. Roteq's goal is to significantly reduce delivery lead-times and minimise costs. We source and trade any rotating equipment related spare parts.



Roteq – Your first choice for independent turbomachinery services

CONTROLS

MACHINERY PROTECTION SYSTEM

Using the latest technology for machinery protection systems, Roteq offers the perfect solution.

With full API 670 compliance and universal compatibility your upgrade or new installation comes at a higher safety level and significant lower cost than with currently used, out of date technology.

MACHINERY PERFORMANCE & ANTI SURGE PROTECTION

As experts in rotating equipment, Roteq optimises the efficiency and reduces the cost of machinery performance using advanced algorithms.

INSTRUMENTATION

Roteq verifies all instruments during services, ensuring they are calibrated and installed correctly for maximised performance.

CONSULTANCY & UPGRADES

We consult and advise daily on appropriate strategies to resolve engineering challenges. Starting from the first site visit, Roteq engineers collaborate with you – sharing their knowledge to achieve durable and realistic upgrade solutions.

TRAINING

Roteq offers on-site and off-site customized training in the fields of alignment, vibration, controls and diagnostics.



Roteq's diagnostic teams resolve even the most complex technical challenges

DIAGNOSTICS

Not only will our experienced technicians expertly diagnose whether your equipment is performing within or outside defined limits, but also troubleshoot to find the root cause of any problem and provide a workable solution.

We analyse dynamic behaviour in relation to process variables, vibrations, temperatures, imbalance and shaft alignment.

VIBRATION ANALYSIS

We use a range of state of the art technologies to measure and evaluate vibration dynamics.

LASER ALIGNMENT

Machine misalignment is considered one of the primary reasons for equipment failure and associated down time.

To overcome the disruption caused by

misalignment, Roteq brings together expert knowledge and field experience with the latest technology to align machines to the highest standards.

ON SITE DYNAMIC BALANCING

Roteq's On site Dynamic Balancing uses the latest technology at full operational speed on all your rotating equipment. Our field balancing capabilities include single and multi-plane balancing.

REMOTE DIAGNOSTIC CENTRE

Roteq's Remote Diagnostic Centre analyse the condition of your machinery continuously and cost effectively.

Our diagnostic interval reports are setup to provide current data on the precise condition of your equipment.



Roteq's continual growth comes by collaborating with our customers, partners and team to find the best solutions

CUSTOMERS





CONTACT US

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