

FITT
RESOURCES



Renewable Energy



We are FITT

Specialist in the supply, servicing & refurbishment of rotating equipment

FITT Resources formed in 2008 and now part of Diploma Australian Seals group is an industry leader in the highly specialised field of rotating equipment, and is committed to delivering a comprehensive range of engineering products and services to the Australian renewable energy industry.

Our highly experienced team of project managers, engineers, technical and trade specialists are experts in the servicing of rotating equipment, including sealing solutions, pumps, turbo machinery, gearbox, maintenance and overhaul, re-engineering and upgrading parts, with a focus on ensuring the reliability of critical rotating equipment and cost-effective performance.

This is backed by extensive National workshop facilities in New South Wales, Queensland and Western Australia equipped with a range of specialist equipment and machinery, including rotating element balancing equipment, blasting and coating equipment, and machining facilities.

“Our goal is to become the respected supply partner to industry, by consistent delivery of quality, innovation and reliability across a growing range of products and services.”





Products

FITT Resources is a leading supplier of high quality mechanical engineering products designed to enhance and support the performance of rotating equipment.

Our extensive industry and product knowledge means we are a major supplier to the renewable wind energy market of an array of top quality products, including:

- Chesterton mechanical sealing and packing
- M-Seal custom polymer sealing solutions
- STOPAQ and Easy-Qote anticorrosion technology
- Inpro/Seal bearing isolators
- Advance Products & Systems flange isolation kits
- Radolid caps





Anticorrosion Technology

FITT Resources is authorised as an installer of STOPAQ and Easy-Qote corrosion control technologies for asset remediation in the power generation industry across Australia.

Easy-Qote / STOPAQ is an internationally patented visco-elastic coating technology that is designed to provide long term and cost effective corrosion protection for onshore and offshore wind turbines and other infrastructure.

Easy-Qote / STOPAQ delivers a range of benefits that help to maintain asset integrity, including low mobilisation costs and minimal surface preparation, and adheres fully to both metal and non- metal surfaces in any shape or configuration.

In addition, there is no environmental impact associated with the installation of Easy-Qote / STOPAQ, nor does it pose any safety hazards.

Easy-Qote / STOPAQ is a visco-elastic water sealant solution that has offers 100% waterproofing in all types of application, and can be applied to any type of surface, sealing seams even at low temperatures.

Sealing Solutions

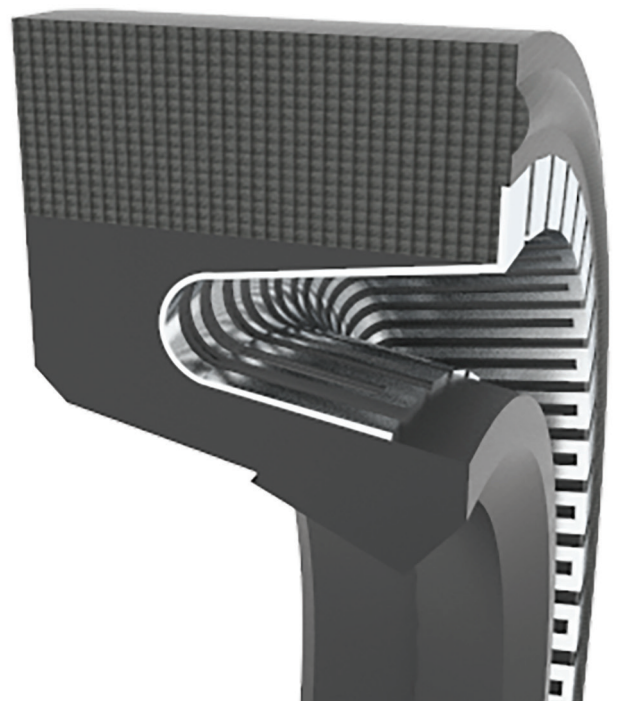
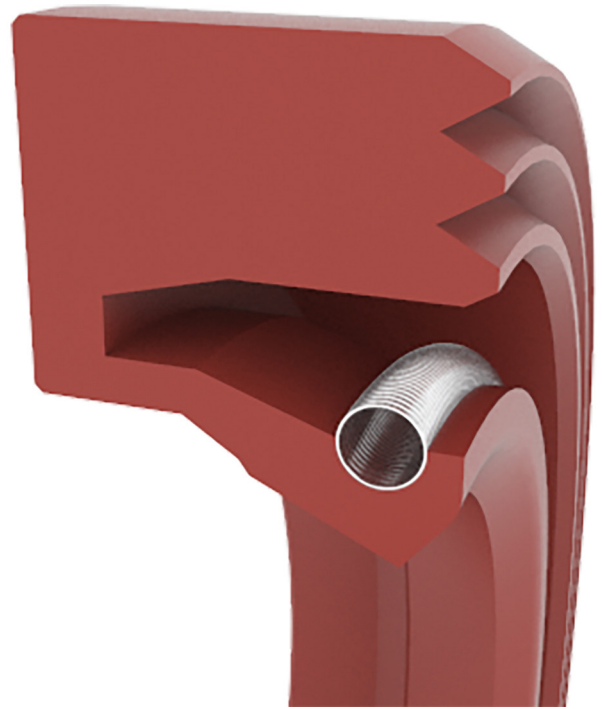
At FITT Resources, we are specialists in devising sealing solutions that support the power generation industry to achieve lower operating costs and maximise production.

We supply and maintain large diameter rotary seals for wind turbines that deliver low friction, long life and zero leakage, and that provide long-lasting sealing and superior protection against the ingress of solid particles, dust and fluids.

They are designed to protect bearing housings and gearboxes, even in the most hostile working environments.

FITT Resources sealing engineers provide specialist advice and guidance to power generators across Australia regarding sealing solutions and their application, and can also oversee on-site installation and commissioning.

We provide a range of low friction sealing solutions utilizing our vast array of HNBR, NBR, FPM, PTFE and internally lubricated polyurethane materials. A bespoke and standard seal range is available to suit the application requirements of hydraulic cylinders for turbine blade pitch and yaw control, along with sealing systems for gearboxes and braking systems.





Protection Caps

FITT Resources is the exclusive Australian distributor of Radolid protection caps for wind turbines

These nut and bolt protection caps are manufactured with low density, UV- resistant polyethylene. Easy to install and reusable, they effectively protect nuts and bolts from corrosion in both onshore and offshore applications.

Radolid caps are suitable for wind turbines and anchor bolts, and for use with the screws of the rotor blade, the tower or the foundation.

Other significant benefits include an operating temperature that range from 29°C to 99°C, self-cutting threads that provide a firm and secure hold, and various heights for different excess bolt lengths.

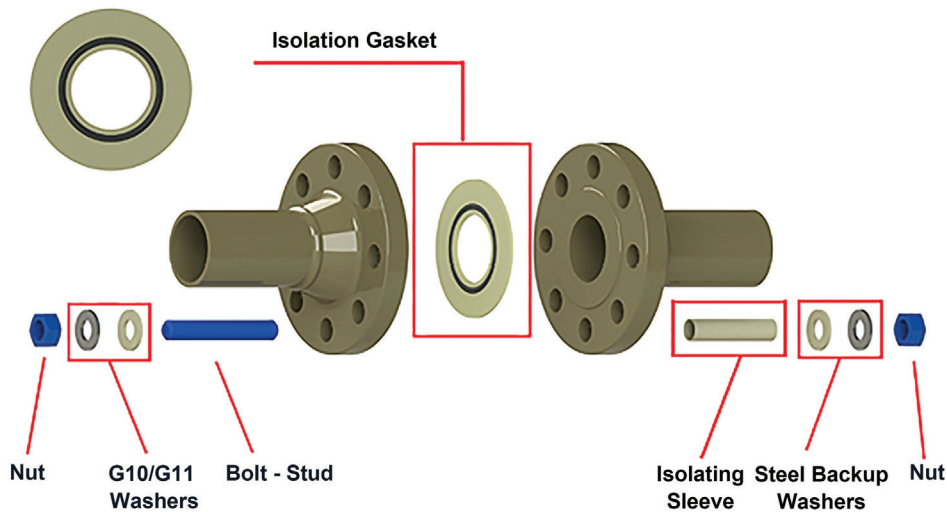


Flange Isolation Gasket Kits

FITT Resources exclusively supplies flange isolation gasket kits produced by Advance Products & Systems to power generators across Australia.

APS is a global leader in design and manufacturing of innovative cathodic protection, corrosion prevention and safety products.

Its flange isolation gasket kits are designed to prevent leakage in flanges and to electrically isolate dissimilar metals, preventing stray currents, which can cause corrosion and ultimately break down metal.



Bearing Isolators

FITT Resources supplies Inpro/Seal bearing isolators to the Australian power generation industry.

Inpro/Seal bearing isolators are renowned for their capacity to protect rotating equipment from contamination and lubrication loss, a primary cause of premature bearing failure on gearboxes and which leads to unexpected downtime and high maintenance costs.

Utilising innovative technology, Inpro/Seal bearing isolators deliver superior sealing solutions and enable operators to enjoy significant cost savings by eliminating constant oil leaks and continuous maintenance, thereby extending gearbox life and increasing bearing reliability.





Inpro bearing isolator operate friction free reducing power loss in operation.

Workshop Services

Our experience across a range of industry sectors means that our capabilities extend far beyond a simple repair service. Instead, our objective is always to increase your mean time between repair of equipment, and to reduce the total cost of ownership.

We deliver long-term equipment reliability thanks to our tank-to-tank system review approach, while our experienced team of project managers, engineers, technical and trade specialists work closely with you to minimise equipment downtime and achieve critical lead times.

In our extensive workshop facilities, we carry out a comprehensive range of pump rebuild services, turbomachinery servicing and repairs, and manufacturing and refurbishing white metal bearings. Our workshops feature blasting and machining facilities, along with rotating element balancing equipment, boring equipment, and close loop testing rigs.

Diploma Australia Seals

Diploma Australia Seals Group (DAS) has been formed as the regional operation of its parent company Diploma PLC seal division companies across Australia.

DAS is a collective of 4 well established and successful companies across Australia operating in Australia, New Zealand, New Caledonia and Asia.

This collective now offer a comprehensive network of products and service facilities, providing parts and service solutions for pumps, mechanical seals, dewatering equipment, rotating equipment, turbomachinery and static equipment.

We are committed to fulfilling our purpose in a way that is environmentally, socially and ethically responsible. Our businesses deliver positive impact through products and services that benefit our society or environment.



Delivering Value Responsibly





Quality
ISO 9001
SAI GLOBAL



OHS
ISO 45001
SAI GLOBAL

FITT
RESOURCES



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Artarmon NSW 2064

Queensland Service Centre

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