



EXPERIENCE THE EXCEPTIONAL

Our Mission

To give our customers such exceptional service that they need never consider alternative sources of supply

Our Vision

To be the World Leading Reliability Company that also manufactures sealing products by 1st April 2029

Local Business / Global Resources

Customer service is provided locally from 9 locations within Australia, Tasmania, New Zealand and Papua New Guinea including:

- 1 Manufacturing Site
- 3 Repair Facilities
- 5 Satellite Branches



SA-Adelaide

"We needed an update on the order delivery. This order needed escalation from the Original date of 13th April to 3rd March 18. We then escalated it again to the 28th Feb 18, AESSEAL delivered on time. Thank you so much it's a huge help!"
Analyst Supply Purchasing

WA-Karratha

"AES has provided solutions and customer focused service which has helped address numerous issues that we have been facing, primarily with our slurry pumps."
Senior Supervisor Mechanical

QLD-Brisbane

"Big thanks and congrats on delivering both pumps incident and injury free, the importance to the business at this time cannot be understated, much appreciated."
Supervisor Mech/Civil North

This is what our clients have to say...

WA-Perth

"This is most generous of AESSEAL and it will certainly be brought to the attention of management as well, I will place the order myself ASAP before I go on leave as it is out of the ordinary. Thanks very much"

Maintenance Parts Coordinator

QLD-Bundaberg

"Thank you so much for offering to drive the seal to me yesterday but it was not required until today. This is the main reason I have now changed to AESSEAL. It's all about the service."

Refinery Maintenance Supervisor

QLD-Brisbane

"AESSEAL recently took on the rebuild of one of our assets. The feedback I have received is that AES employees were professional, skillful and were at all times willing to pass on their corporate knowledge of the equipment."

Supervisor Mech/Civil Central

SA-Adelaide

"I trust your meeting went well and he reinforced our appreciation for your high quality and responsive work for us in the past in extremely difficult circumstances."

General Manager



QLD-Brisbane

"The work was done efficiently and without problems, all work and paperwork done well. The repair work was to our strict requirements and is running well."

Maintenance Officer Mech/Civil

SA-Adelaide

"Just had a client ring me. They have a lady coming over on Thursday from one of your competitors and asked if I was interested to see her. I said no as AESSEAL supply all my seal needs and have done so for many years. The client said she rang 6 pump places in Adelaide and they all said the same thing. You must be doing something right"

Procurement Officer

QLD-Brisbane

"AESSEAL worked tirelessly to get the job completed in time for the December peak period. Thanks to all involved in what was a very challenging and critical repair project."

Project Manager

WA-Perth

"A heavy-duty dual slurry seal is not easy to find over the Christmas period – but the AESSEAL guys gave up their public holiday to build one from scratch. They are always available to me, a great facility."

Maintenance Engineer

QLD-Brisbane

"A seal repair and installation within the same day allowed us to keep food production going and the technical ability and speed of AESSEAL is impressive. A very solid performance."

Maintenance Supervisor



Customer Focus

“We aim to deliver a customer experience that surpasses expectation and truly redefines what the world expects from their sealing specialist.”

Simplicity. Our modular technology means a streamlined ordering process.

Customer-centric. Our people are encouraged to champion the customers' cause.

Ethical and Responsible. AESSEAL® has been recognized as a Climate Change Champion and has won awards for corporate social responsibility and sustainability.

Partnership. We work with customers to deliver added value and long-term reliability solutions.

Investment. Over 7% of annual sales revenue has been reinvested in R&D over several decades. This has almost certainly led to the most advanced range of sealing technology available globally.

Have you ever been so impressed with your supplier's quality and service that you gave them an award?

Out of all our awards, the customer service ones mean the most. This is because we believe in putting the customer at the heart of our business. For more information please visit www.aesseal.com/about-aesseal/awards

Uncompromising Integrity

All of our business activities are completely transparent, we operate with the same uncompromising integrity in each location where we provide products and services.

Standard Inventory

AESSEAL® holds the world's most comprehensive standard inventory portfolio of mechanical seals, bearing protectors, seal support systems and packing.

AESSEAL® Design and Testing

For every seal developed by AESSEAL®, we use state-of-the-art computational facilities and numerical tools to design and optimize seal performance prior to manufacture and testing.

These tools include Predictive Software Code developed in-house, Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD). Our numerical tools are used for seal design, performance optimization, special product application and troubleshooting. In combination with an extensive test program the result is world-leading technology that keeps your equipment running longer.

Testing to API 682

Our entire CAPI™ seal range meets the test requirements of API 682.

Application Engineering

AESSEAL® has invested millions of dollars in Product Life-cycle Management (PLM) infrastructure. The major customer benefit is extended seal life from quality custom engineered seals.

Patented Technology

AESSEAL® filed 133 Patents between 2002 and 2012.

Design to Manufacture

All products are developed in 3D CAD which is fully integrated with CAM. CAM controls and drives all machine tools centrally. Integration with PLM ensures control of changes, so we can deliver products quickly, affordably and repeatably.

Test Capability — gas and conventional wet seals

Speeds to 45000 rpm

Pressures to 5000 psig (350 barg)

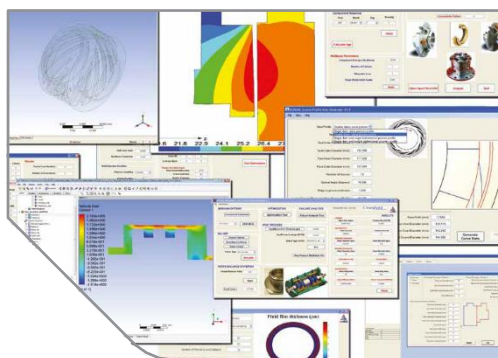
Temperatures to 536°F (280°C)



AESSEAL Global Technology Centre



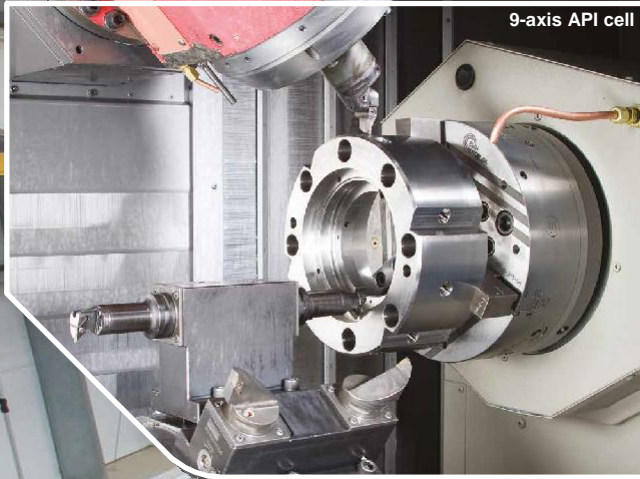
Main test facility with AESSEAL® test engineers



Theoretical software suite screenshots

“Our patented, unique solutions offer asset protection and drive down the total cost of ownership”

Over 13,000 Custom-Engineered Special Mechanical



Improve reliability without modifying your existing equipment

AESSEAL® has made an enormous investment in modular design which includes custom-engineered specials. For you the customer this means a value-for-money solution and the best on-time delivery performance in the industry. AESSEAL® uses 9-axis machine tools, each of which has over 300 tool positions, so we can supply your engineered special on demand.

Seals produced annually



Investment

Over 7% of annual sales revenue has been reinvested in R&D over several decades. This has almost certainly led to the most advanced range of sealing technology available globally.

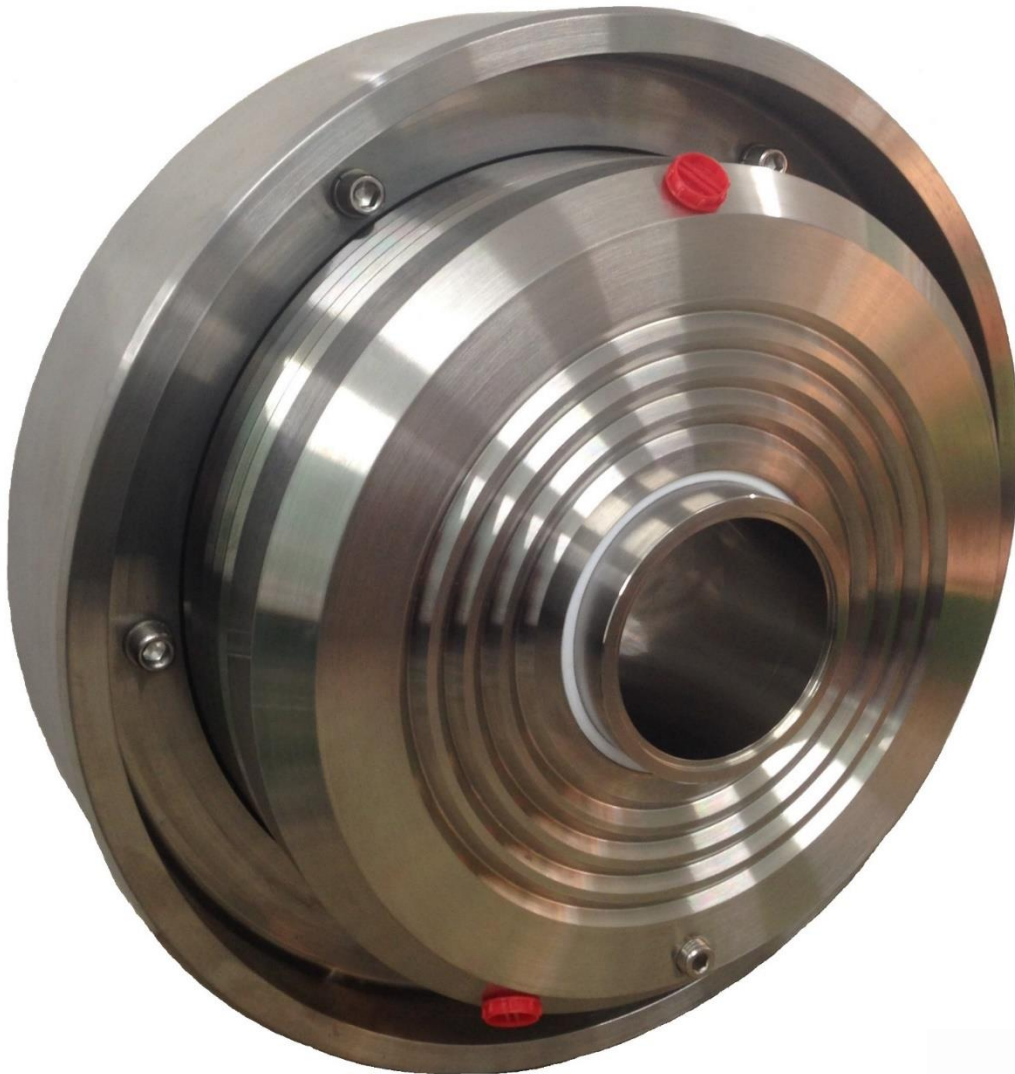


Custom-Engineered Special Seals

AESSEAL Australia Pty Ltd has designed and developed a uniquely patented mechanical seal specific for all Slurry Applications to accommodate process upsets and axial movement including being abrasion and corrosion resistant.

HDDSS – Heavy Duty Double Slurry Seal

- No equipment modifications necessary
- No settings clips or grub screws
- No equipment wear



Designed and fabricated in Australia



Dry gas compressor seal test rig

Our Scope is for the stockholding, manufacturing, supply, installation, design, development and refurbishment of industrial rotating equipment, associated products and services.



CAPI-74™
non-contacting dual seal
primarily designed for pumps
(ANSI/API Standard 682)



HHCS™
Unique hydrostatic and
hydrodynamic Compressor Seals



LabTecta® 66
IP66 Certified Bearing
Protectors



Component Seals
and machine specific plug in
seals with upgraded
AESSEAL® Unique Designs



Two of AESSEAL® API qualification test rigs



Plan 53B Systems ready for dispatch in the Complex Systems Division at AESSEAL®

Custom-engineered sealing solutions

Custom-engineered sealing solutions are often required for difficult applications including mechanical seal support systems which improve the environment the seal operates in for safe and reliable sealing.



API 53A System

The Complex made Simple

With its innovative approach to design, the AESSEAL® Complex Systems Division has introduced modularity and repeatability to what is, for some, an uncertain manufacturing process.

The Complex Systems Division's team encompass design, fabrication, engineering and customer service to guarantee a seamless flow from inception through to specification and the delivery of truly beautiful quality products such as the Plan 53B system depicted.

CE certification for full assembly

We believe that we are the only manufacturer to fully CE certify the entire assembly without the aid of third-party resources.

Comply to AS/NZ 1200, 1210, 4343 Standards

Our pressure vessels have been Hazard Rated, Design Verified and Registered to be used in all States and Territories within Australia and New Zealand.



API 53B System designed in accordance with API 682

“ We offer and stand by our
exceptional promises as standard
all the time! ”



New Pump / Part Supplies

Suppliers for all leading pump manufacturers. We have the expertise of providing the correct pump selection for many applications. We can also supply any type of pump from parts to complete pump packages for all Industries



Pump Repair / Replacement

We have the expertise to overhaul all makes and models of pumps including; Close Coupled, Back Pull-Out, Submersible, Vacuum, Blowers, Helical Rotor, Diaphragm, Split Case, Vertical Line Shaft, Mixers etc.



Protective Coatings

We have a broad range of cost effective protective/ceramic coatings for various applications including approved potable water compliant AS/NZS 4020 CR to extend equipment life.



On-Site Services

Our Pump Technicians are highly competent, fully trained and qualified who can perform On-site Seal and Bearing Changes, Fault Finding, Pipe Modification, Pump Servicing and Installations.



Installation and Maintenance

We offer a broad range of services in relation to Installation and Maintenance of various process equipment including pumps, motors, valves, couplings etc. We also offer our service for site shut downs where we concentrate on what we do best.



Laser Alignment

As part of our broad range of services in relation to Installation and Maintenance of various process equipment including pumps, motors, valves, couplings etc. We also offer world class Laser Alignment services for couplings, motors etc.



Condition Monitoring

Machine Sentry® is a unique Condition Based Maintenance (CBM) solution which integrates all condition monitoring techniques and watchkeeping data, enabling effective maintenance planning and management reporting.

AESSEAL Australia Pty Ltd
has fully equipped and compliant
Seal and Pump Refurbishment Facilities

Industry Expertise

Our products are in demand worldwide, and across all industry sectors.

Wherever we supply, the story is the same: our sealing technology delivers increased reliability, demonstrated by increased mean time between failures. Today we are working with an impressive portfolio of customers, in an equally impressive range of industries. You'll find more detail about us on our website.



Oil & Gas

www.aesseal.com/oil-gas



Pulp & Paper

www.aesseal.com/paper



Power Generation

www.aesseal.com/power



Food & Beverage

www.aesseal.com/food



Chemical & Pharmaceutical

www.aesseal.com/chemical



Water & Waste Water

www.aesseal.com/water



Bio/Ethanol

www.aesseal.com/bio-ethanol



Automotive

www.aesseal.com/automotive



Mining & Minerals

www.aesseal.com/mining



Metal Processing

www.aesseal.com/metal

AESSEAL Australia Pty Ltd

Endorsed by SAI Global to the following Standards:



Quality
ISO 9001



Environment
ISO 14001



Oil & Gas
ISO 29001



Health & Safety
OHSAS 18001

T: 07-3279-1144
W: www.aesseal.net.au
E: sales@aes seal.net.au