



**MARINE &
GENERAL ENGINEERING**

PUMP REPAIRS & TESTING

DEFENCE PROJECTS



WATMARINE
ENGINEERING SERVICES



WHO WE ARE

Established since 1989 Watmarine Engineering Services is a leading Western Australian company providing engineering services focusing on the maintenance and repair of pumps and ship related equipment. Watmarine's services also extend to the Oil and Gas, Mining and Commercial Industries.

We have a workshop located in Naval Base Western Australia and a new second workshop in Henderson's Australian Marine Complex (AMC) that facilitate a number of specialist services including but not limited to General Engineering, Ship Repairs and Maintenance, Pump Repairs and Testing, Welding and Fabrication, Sandblasting and Painting.

WHAT WE DO

Pump Repairs and Testing

Specialised Welding and Fabrication

Mechanical Fitting

Corrosion Control

Purifiers and Separators

Diesel Engine Reconditioning



Pressure Testing of Valves for Survey

Ultrasonic Thickness testing

Machinery Vibration Analysis

Sandblasting and Painting

Heat Exchanger Repairs and Testing

SERVICES

Watmarine Engineering carry out a wide range of engineering services both on-site and in the workshop for Defence, Mining, Processing and Commercial Industries.

NATA Hydrostatic Testing of Hoses, Valves, Pipes and Fittings: Our NATA approved facilities can hydrostatically pressure test almost anything up to 7300 kPa, and we pride ourselves on providing you with a quick turnaround time.



Pump Repairs and Testing: Watmarine Engineering has the in-house capacity to repair and test all types of pumps. Our pump testing station allows us to performance test pumps after being overhauled to prove efficient operation. Our test station has a maximum output of 200mm NB and 4000Ltr/Min in both 50Hz and 60Hz for water. 150mm NB for oil and diesel positive displacement pumps.

All testing carried out is done in conjunction with calibrated equipment with results and certification provided upon completion.





SPECIALISED WELDING AND FABRICATION

We have a DNVGL approved welding facility, almost every welding method is available to our clients.

Main Scope of Fabrication Pipework / Platework / Framework / Exhaust Systems / Skids Tanks / General Fabrication / Sheet Metal

Main Scope of Materials Carbon Steels / Aluminium / Stainless Steel / Nickel Alloys / Copper / Alloys / Titanium Alloys / Dissimilar Metals

Purifiers and Separators: Watmarine Engineering are highly experienced in Alfa Laval Purifiers and Separators both in new installations and maintenance. With the worldwide backing of Alfa Laval technical expertise and 24hrs spares availability, lost time is kept to an absolute minimum.

Mechanical Fitting: Capability to overhaul equipment from the smallest valve to the largest pump. In addition we also have in-house machining facilities to support the fitting operation. Our pump testing facility allows us to carry out full operational testing of water and oil pumps and we provide detailed reports on all works carried out.

Diesel Engine Reconditioning: Watmarine Engineering have extensive experience in the overhaul of diesel engines. We specialise in all major brands of engines and diesel pumping systems.

Pressure Testing of Valves for Survey: Valve testing facilities for over-side and/or underwater use in the marine industry. Tests carried out for Lloyds Register, Det Norske Veritas and Germanischer Lloyd. All tests are carried out to Australian Standards.

Ultrasonic Thickness Testing: Certified testing carried out both on and off site.

Machinery Vibration Analysis: Vibration analysis can be conducted on and off site. Early detection of unnecessary vibration makes it possible to avoid expensive machinery failures. Latest technology is incorporated and all vibration analysis carried out includes certification.

Sandblasting and Painting: Watmarine Engineering has its own in-house sandblasting and painting facilities which includes garnet blasting and glass bead blasting. We also offer various protective paint systems. This feature is more cost effective for our clients and also improves quality control allowing complete trace ability from commencement to completion of each task.

Heat Exchanger Repairs and Testing: Whether it be shell and tube or plate exchanger we have the facilities to overhaul, repair and test.

PUMP SALES

Watmarine are Proudly Marine and Offshore Distributors for Leistritz Pumps and Taiko Kikai Pumps in Australia.

Leistritz
LEISTRITZ PUMPEN GMBH



SPARE PARTS

Please contact us for all your spare parts requirements. Be sure to quote to your component's serial number for reference.

PUMP SERVICES

Service Division: Watmarine can offer a full scope of service, overhaul, rebuild, manufacture and test on pumps backed by many years of experience in naval, marine, pumping and hydraulic engineering. To ensure your pumps or packages are fully protected, we can also offer full corrosion protection and various paint systems.

Services offered: Skid base fabrication, tanks, vessel design, engineering, manufacture and assembly services are offered as part of our in-house philosophy and approach to individual and project work. Full electronic control systems, combination direct start, soft start, program logic control or variable speed control services are offered. Installation, commissioning, testing and hand over services are offered.

WATMARINE ENGINEERING SERVICES

34 HOPE VALLEY ROAD, NAVAL BASE WA 6165

PHONE: +61 8 9437 1305 FAX: + 61 8 9437 1395

EMAIL: SALES@WATMAR.COM.AU