

## Capabilities

- Sustainment of vessel reduction and cross connect gearboxes, propulsion driveline and propeller systems, clutches, steering systems and fin stabilisers, thrusters, elevator systems, HVAC systems, rotatable equipment and pipe spooling
- Procure, assemble, install, commission, test, maintain and repair of all vessel machinery and equipment
- Integrated welding, fabrication, machining, mechanical assembly, surface treatment and rubber lining
- Manufacture, installation, commissioning and sustainment of piping, structural and mechanical structures and systems
- Advanced fabrication and coded welding of carbon steel and exotic metals
- OEM representative for marine and industrial gearboxes, marine and offshore cranes, watertight doors and hatches, as well as a wide range of deck machinery

## Key Customers

- Australian and NZ Department of Defence
- US Navy and Army
- BAE Systems
- Babcock
- Austal
- Thales
- Teekay Shipping
- Navantia
- Luerssen
- Australian Submarine Corporation
- Svitzer
- ASP Ship Management
- Inpex
- Woodside

## Discriminators

- Complete critical and complex heavy mechanical works on large projects, including navy ships
- Deep expertise in propulsion systems and propellers, gearboxes, clutches, steering systems, stabilisers, thrusters, elevators, HVAC, rotatable equipment, piping and associated OEM support
- Adept at difficult and complex challenges that demand quality outcomes within tight deadlines
- Problem solvers - flexible and adaptable in every situation, across all locations within our focus industries
- Deliver turnkey outcomes leveraging integrated project management
- Mobility specialists - delivering trained and experienced staff and services anywhere in Australia or overseas
- Good Corporate Citizen - dependable, reliable, trusted, sovereign, secure

## Qualifications & Certifications

- ISO 9001:2015 Quality Certificate
- ISO 45001:2018 Safety Certificate
- ISO 14001:2015 Environment Certificate
- ISO 3834-2:2021 Welding Certificate
- ISO 17025 NATA Accredited Facility - Balancing Operations
- DISP Member (Level 1 - Governance / People, Baseline - Cyber / Physical)
- District 3500 Naval Store
- (PCCP) Painting Contractor Certification Program
- AMPP and CSWIP certified inspectors
- OEM trained and certified technicians



## Who We Are

**IKAD Engineering is an established, Australian owned business specialising in heavy engineering, manufacturing and sustainment.**

IKAD Engineering has a reputation for dependable, specialised services across the Marine – Naval & Commercial, Defence, Resources, Oil & Gas, Energy and Water sectors. Our services are backed by OEM partnerships, DISP membership, nationally and internationally recognised certifications and accreditations.



LOCAL & INTERNATIONAL

## Key Markets

Defence (Land, Sea, Air) | Marine (Naval & Commercial)  
Resources | Oil & Gas | Energy | Water

### OUR PARTNERS

RENK

HEILA  
ENGINEERS FOR THE SEA

SVANEHOJ  
(Hamworthy Pumps)

SCHOENROCK  
ACCESS IN MOTION

HEID  
ANTRIEBSTECHNIK

[www.ikad.com.au](http://www.ikad.com.au) | e: [sales@ikad.com.au](mailto:sales@ikad.com.au)

Virtual Tour: [www.ikad.com.au/virtual\\_tour](http://www.ikad.com.au/virtual_tour)

Head Office | p: +61 894 949 000

82 Sparks Road, Henderson WA 6166