



CAPABILITY STATEMENT 2022

INNOVATIVE, CUSTOMER FOCUSED SOLUTIONS



About KAW Engineering

KAW Engineering is a privately owned, Pilbara-based engineering service provider with a reputation for delivering innovative, customer focused, time-proven engineering solutions.

We have extensive and diverse industry experience across a broad range of projects in the mining, marine, oil & gas, construction, and renewables & energy sectors; and we are proud to be a trusted project partner to all of the leading commodity exporters in our region.

KAW Engineering's client base is deep and varied. We service all of the major iron ore, oil & gas, chemical processing and construction giants across the region as, well as delivering results for our partners in the marine, logistics, utilities, local government and shipping industries.

With modern, efficient, class leading technology and extensive capacity, KAW Engineering has grown to become one of the most respected companies in our field. Our ISO-accredited team is committed to achieving safe, high quality, cost effective results on time, every time.

Our History

KAW Engineering was established in 1986 as Karratha Aluminium Welding (KAW) and developed an extensive track record for delivering the highest quality aluminium fabrication services onshore, offshore and throughout the local oil & gas industry.

Our customers repeatedly requested that we expand our services and deliver the same outstanding results for all of their engineering needs.

In response, we expanded our skills base to cover the full gamut of engineering services from professional design and drafting to structural steel repairs, site installation and transportation. On any given day, our staff can be seen working on everything from high pressure gas pipelines to access handrails and anything in-between.

We pride ourselves on our exceptional customer service and our responsive business model.

Our staff move through fluid project teams that enable us to deliver diverse services quickly, whilst maintaining the highest quality and safety standards. Our business is widely known for our ambition to develop efficient capability and embrace game changing new technologies in our operations.

THE HEART OF KAW ENGINEERING

Our Vision

To be the Pilbara's most trusted and respected engineering company, known for our dedication to quality and unparalleled regard for our clients.

At KAW Engineering, we believe that a successful business is built on a foundation of strong relationships and that the best long-term value is achieved by understanding the needs of our customers and providing them with high quality bespoke solutions.

Our Mission

To understand and achieve our clients' goals by providing safe, dependable and quality driven engineering and site services.

We strive to be a 'solution deliverer' by providing multi-disciplinary services of the highest standard, exceeding our customers' expectations and seeking continuous improvement in all of our processes

Our Values

DEDICATED TO QUALITY

We believe that quality is a mindset and not just an outcome. We are committed to delivering quality in everything that we do, from fabrication to communication and everything in-between.

ENTRENCHED INTEGRITY & ETHICAL BEHAVIOUR

We always do what is right and operate in an honest, trustworthy and Christian manner. Our customers can rely on us to honour our word and to act ethically and responsibly in every undertaking.

UNCOMPROMISING SAFETY

The safety of our employees and customers is of paramount importance. We refuse to accept that risks cannot be managed and believe there is no excuse for endangering personnel or equipment.

EQUAL OPPORTUNITIES FOR ALL

We believe in equal opportunity employment. We expect tolerance and respect from everyone within our business and embrace the reality that diversity brings success.

OUTSTANDING SERVICE DELIVERY

We believe that customers deserve to be excited about their business interactions. We strive to create a business environment where our customers look forward to dealing with us again and again.

ACTIVE COMMUNITY INVOLVEMENT

We are proudly locally based and we strive to be active participants in our community, supporting a diverse array of local charities, sporting clubs and events. We are always looking for ways we can give back and keep the community spirit strong.



A CONSTANT FOCUS ON INCREMENTAL IMPROVEMENTS

Innovation

“At KAW Engineering, our strength stems from our ability to always be a little bit smarter and innovative in how we solve complex challenges.

We constantly strive to improve and **make better**, in big ways and small. From looking at how we can go home healthier, to how we can do our work more efficiently; we are not afraid to challenge the status quo.

The benefits to our customers, our employees and our business have been realised time and time again.

Our KAW is defined as identifying ways to be better today than we were yesterday. By integrating a ‘true culture of quality’ in all areas, our staff proudly champion safe and innovative work practices that **make better** everyday.”

- Jared Fitzclarence **Managing Director**

Health & Safety

We have an uncompromising approach to safety and we prioritise the safety of our employees and our customers above all else.

KAW Engineering was the first engineering business in Karratha to gain full ISO accreditation for Health & Safety (18001 & 4801), Quality (9001) & Environmental Performance (14001). We have since updated to the ISO:45001 OHS standard and we are currently finalising the implementation of a full Welding Quality Management (ISO 3834) system.

Since 2014, when we started operating with a fully accredited ISO Management System,

we have recorded no major non-conformances or significant at-fault injuries, and we have never incurred a Lost Time Injury on site.

We track and monitor all incidents and near-misses through our Integrated Management System. All are reviewed by our management team and any necessary changes are closely monitored. We also maintain an array of QA processes and procedures throughout our highly focused business operations.





THE ‘KAW’ DIFFERENCE

What we offer

- DESIGN
- FABRICATION
- REPAIR
- SITE SUPPORT

Regardless of the industry, or the size and nature of the project we are working on, the team at KAW Engineering has the expertise to get things done right the first time.

We're proud of our track record – we've been finding and delivering solutions for our customers for over 40 years.

Because we're local, we understand the challenging environments that we are working in, and we care about making a positive difference.

We offer our customers a single point of contact and we stand by the quality of our work.

Our diverse team has all the skills required to deliver complex and unique project outcomes for our clients - everything from simple repairs to detailed prototyping and custom engineered solutions.

We operate out of 4 well-equipped workshops, covering a total of over 10,000 m². Our workshops are designated into into plate processing (laser, water-jet, plasma), machining, heavy fabrication and machine assembly.

OUR CAPABILITIES ARE OUR DNA

Specialised Welding

Pipeline
Structural
Coded
Exotic Materials

Engineering Design and 3D CAD Drafting

Custom Fabrication

3D Laser Scanning

Heavy Mobile Equipment (HME) Maintenance

Buckets
Chutes
Conveyors
Excavators

CNC Plate Processing

Laser
Water jet
Plasma
CNC
Bending

Subsea and Marine Fabrication

CNC Machining

Milling
Turning

Vessel Mobilisations and Shutdown Crew

Class Approvals
ABS, DNV etc.

3D Printing

Plastics
Composites
Metal

Handrails and Access Systems

Line Boring



LOCALLY OWNED, LOCALLY MINDED

Active community support

At KAW Engineering, we are passionate about all things local. Our company vision, mission and values shape the modus operandi of our team and inspire us to become active and contributing members within our organisation and across the local community more broadly.

Our office and workshops are based locally and we live locally right here in Karratha. As such, we strive to be active participants and corporate role models within our community.

We are always looking for ways we can give back and proudly invest in the growth and nurture of a vibrant community spirit. We support dozens of local charities, sporting clubs and events building our community and making Karratha a great place to call home.

A valued, local workforce

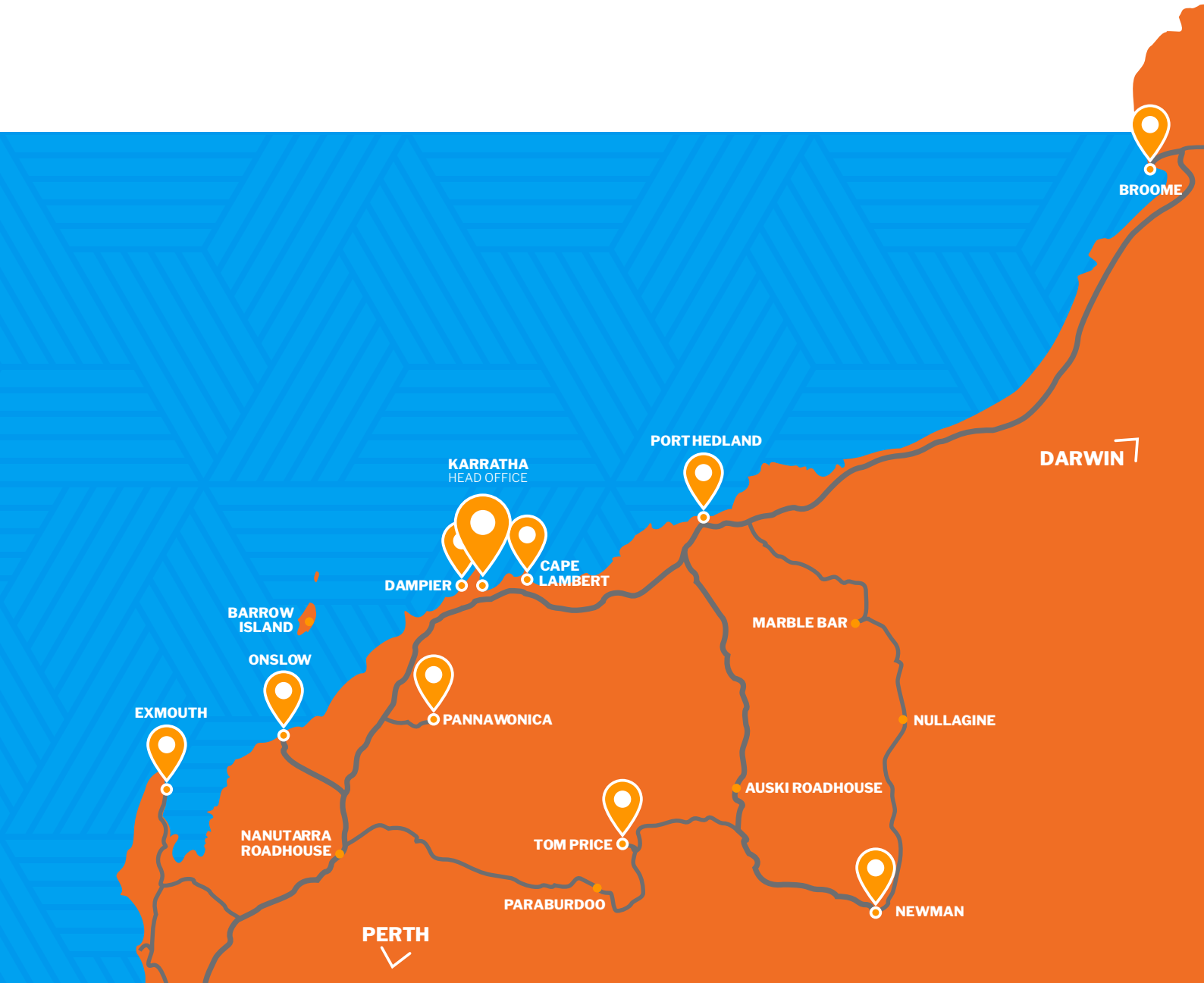
We are deeply committed to employing a local workforce and giving local people the opportunity to gain meaningful training and employment which will benefit themselves, their families and the community. In addition to our diverse team of experienced and loyal staff, we currently employ 9 full-time apprentices and trainees.

Indigenous connections

KAW Engineering recognise the Ngarluma People as the traditional custodians of the land on which we live and call home. We recognise their immeasurable contributions to our culture and history and honor their elders past, present and emerging. We also recognise the many other nations across our region on whose lands we tread.

KAW Engineering are proud that over 14% of our staff are of Indigenous heritage, including a number of our apprentices and trainees.

We recognise the importance of diversity in our success and we value the lesson that we can learn from those who have gone before to enrich our lives and broaden our awareness and cultural connections.



PROJECT AND INDUSTRY EXPERIENCE



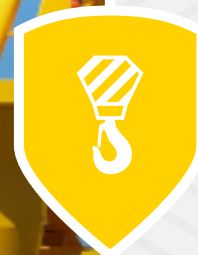
MINING



MARINE



OIL & GAS



CONSTRUCTION



**ENERGY &
RENEWABLES**



EX8000 - Bucket Refurbishments

Nammuldi Silvergrass

Offsite refurbishment of EX8000 Backboard, plus onsite refurbishment of the bucket body at the Brockman Mine Workshops (40m³ bucket capacity). KAW removed the old wear package, straightened and repaired the cracks. We then installed the new wear package, and rebuilt and lined bored the bore pins. Project Management, Maintenance & Fabrication, Welding Management, Quality Control & NDT.



MV Olympius – Hull Damage Repair

Dampier Outer Anchorage

A large hole developed in the outer hull on sail to Australia. KAW set up internal scaffolding in the confined space void with a rescue system. Over side, over water ropes access. 24/7 operations (day shift for over-water works). We removed and disposed of the damaged section, and replaced the high tensile internal bracing and external hull skin. Welding QA QC, Class approvals and over water NDT.



Thrust Maritime – Hyperbaric Diver Rescue Module Deployment Crane

Dampier

KAW built mounting support structures and deployed them to site, where they were welded to the vessel deck. We deployed and installed the over-boarding crane – removing and restoring the vessel to original condition on completion. Vessel Mobilisation, Welding QA, Class Approvals (DNV) and NDT.



Leisureplex – Handrails & Guardrails

Karratha


Fabrication and installation of 1.3km of handrails and guardrails to the Karratha Leisureplex Swimming Pool & Sporting Centre, including decorative panelling. This project achieved full compliance with AS1657.



Cable Beach Club – Solar Panel Mounting Structures

Broome

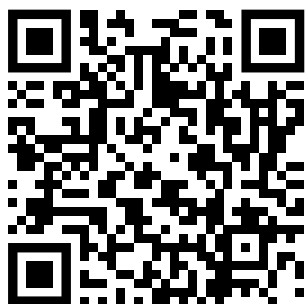
The KAW Engineering team successfully completed fabrication and erection of 10 solar panel mounting structures in the car park of Cable Beach Club as part of their Solar Project. The 303kW solar system will produce 500,000 kWh of clean energy annually.



We believe that quality is a mindset and not just an outcome.

We are committed to delivering quality in everything that we do, from fabrication to communication and everything in-between.

Contact us today to find out what KAW can do for you.



Jared Fitzclarence Managing Director

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SAFETY | QUALITY | SUCCESS