



Proven
multidiscipline
supply and
construction
experience



Capability Statement

About Us

Our success has been driven by our people and culture, guided by our core values and understanding of being customer focused.

We trust our Alltype Engineering capability statement will give you an insight into our business and how our team may assist your needs for your next project, construction, fabrication, asset maintenance or modification scope.

For nearly 40 years, Alltype Engineering have serviced almost every industry including energy, resources, water, petrochemical, infrastructure, mining and mineral processing, renewables, power generation, defence and utilities.

Alltype Engineering provides single source solutions and partners with complimentary businesses for multidiscipline turnkey solutions, design and construct EPC scopes, civil works and pipelines.

Whilst offering self-executed fabrication capability, ensuring complete supply chain control, fastest time to completion and excellent value, we also subcontract fabrication works regionally and across Australia as per of our total project delivery model.

In 2020, Alltype Engineering ownership moved from private to public ownership with acquisition of the company by WestStar Industrial (ASX:WSI) providing access to working capital and balance sheet strength for larger projects. With parent company financial backing and management support, Alltype Engineering have the capacity to undertake significant CAPEX projects across the country.

Our Vision

“is to be an industry leading partner delivering turnkey project solutions via integrated multidisciplined fabrication, construction and maintenance services.”



Our Capabilities

Our History

Since being established in 1985 in Kwinana Western Australia, Alltype Engineering has been providing fabrication, site installation, construction and maintenance services across almost every industry in Australia.

Alltype Engineering has evolved from humble origins as an onsite maintenance provider into a recognised and reputable fabrication company in the 1990's, into a proven Tier Two multidiscipline construction contractor.

Some of our key achievements over this time are listed below.

- 1985 Founded and commenced work at Kwinana and Muja Power Stations
- 1988 Established workshop for fabrication services
- 1990 Secured first order for Water Corporation MSCL Piping Scope
- 1992 Secured first oil and gas offshore SMP scope
- 1996 Management buyout of founders
- 1998 Expansion of workshop facility at 62 Burlington Street, Naval Base
- 2006 Early adoption of automated steel, pipe and plate processing machinery
- 2011 Relocation to new facility and office at 52 Hope Valley Road Naval Base
- 2014 Issued Steelmains license for application of Sintakote on MSCL piping
- 2017 Establishment of electrical contractor's license EC13220
- 2018 Executed first multidiscipline turnkey compressor station project in Karratha WA
- 2019 Fabrication of the Kalbarri Skywalk Structure and Kwinana SMARTWAYS Gantries
- 2020 Acquired by WestStar Industrial (ASX:WSI)
- 2021 Opening of Brisbane, Queensland office to service east coast clients
- 2021 Awarded major centrifugal gas compressor station turnkey construction contract
- 2021 Awarded first rotary kiln contract
- 2022 Completed first major EPC contract for gas infrastructure works

Alltype Engineering's product offerings have been delivered locally, nationally and internationally and include high pressure and process pipework systems, mild steel cement lined (MSCL) pipe and fittings, tanks, pressure vessels, fabricated structures, subsea structures, silos, hoppers, skids and modular packaged equipment.

Our services now primarily focus on site installation, multidisciplinary construction and maintenance offerings to provide turnkey solutions on site for Structural, Mechanical and Piping (SMP) and Electrical and Instrumentation (E&I) scopes, standalone or in combination with all phases and disciplines.



Electrical & Instrumentation



Maintenance, Shutdowns & Turnarounds



Multidiscipline Turnkey Projects

Oil & Gas



Water Infrastructure



Mining & Minerals



Industrial



Petrochemicals



Transport Infrastructure



Defence



Power Generation & Utilities



Government



Markets

Our People and Culture

Alltype Engineering's longevity is a result of our people focused culture, the experience and commitment of our team and the ability to collaboratively deliver projects efficiently for our clients whilst maintaining a flexible and innovative approach.

Our team consists of engineers, tradespeople, labourers, professionals and administration personnel with extensive and diverse industry experience developed from construction, contracting, fabrication, plant and site operations and end user client roles.

Our team is highly diverse in cultural heritage, experience, gender and background.

The company culture starts with the senior leadership team who prepare and execute the corporate strategy and lead by example through visible demonstration of our core values, which defines our culture and who as a business we always aspire to be.

Our Values

SAFETY
INTEGRITY
CLIENT SATISFACTION
ACCOUNTABILITY
INNOVATION
TEAMWORK
SUCCESS



Health, Safety, Environment & Quality Commitment

Maintaining the health and safety of our people and every stakeholder we may impact is our first and foremost core value as the nature of our business involves working within a highly hazardous working environment and industry.

We set and work within high safety standards for all work by our team and proactively engage with our clients and subcontractors to implement these standards.

Care for the environment is an essential part of conducting business operations and is an inherent obligation on us by our community granting us our “license to operate” and as such, we are committed to continuous improvement in our business operations to protect the environment, minimise waste and optimise sustainability, reduce emissions, support the renewable energy industry and strive for carbon neutral outcomes.

We were an early adopter of solar powered operations and support the industries needed for the global energy transition and carbon emission reduction.

Alltype Engineering is an ISO 9001 and ISO 45001 accredited company and is committed to providing our clients with quality products and services, embracing continuous improvement and challenging processes to meet or exceed expectations.





Fabrication and Workshop Capability

Our head office and fabrication facilities are located in Naval Base, Western Australia, south of Perth, Western Australia, with access to an oversize load corridor and unrestricted access to port infrastructure. Alltype Engineering has a substantial fabrication and project delivery facility, including processing machinery for steel, pipe and plate, fabrication and welding, MSCL Sintakote and cement line rendering, hydrotesting and assembly.

The facility size and segregation capability allow fabrication and welding of stainless steel and exotic materials and skid/module assembly and testing and electrical and instrumentation fit out of process modules, control rooms and shelters and buildings.

FACILITY DETAILS

23,300m² Site area expandable to 40,000m²

750m² Office Facility

6,680m² Workshop

- Four bays
- 9 metres under hook
- 12 gantry cranes
- 40 tonne lift capacity





Fabrication Services

Alltype Engineering was an early industry adopter of automated processing equipment for plate, pipe and structural steel and has significant experience across a range of material grades and alloys, with in-house processing capabilities including:

- Pipe processing up to 2 metres in diameter
- Steel beams up to 900WB in size
- Plate processing up to 230mm in thickness

Alltype Engineering is certified for structural steel work fabrication compliance certification AS 5131 to CC3 classification and welding standards to AS/ NZS ISO 3834 Category 2, with welding expertise and capability that extends across almost every applicable welding code and standard.

KEY CAPABILITIES

Process Piping, Fabrication and Testing – Carbon, Stainless and Exotic

Mild Steel Cement Lined (MSCL) Piping Systems and Fittings

Tanks, Silos, Chutes, Bins and Hoppers

Fabricated Structural Steel and Plate – Structures / Frames / Platforms / Conveyors

Process Skids and Modules - Multidiscipline

Pressure Vessels, Launderers, Receivers and Filters

Exotic Material Fabrication - Inconel®, Chrome Moly, Stainless Steel, Duplex and SuperDuplex





Structural, Mechanical, Piping (SMP) - Installation & Construction

Alltype Engineering's core delivery service is project and construction solutions, including self-executed installation services. Our skilled, certified, competent and trained team have extensive experience in Structural, Mechanical and Piping installation scopes and can be quickly mobilised to any site in Australia, both onshore and offshore.

We have experience in projects that require remote complex site mobilisation, VOC requirements and HSE risk management to ensure full compliance with client requirements.

Outside of Perth and Western Australia, we work with regional and local experienced fabrication businesses as part of our trusted supply chain in delivering turnkey and multidiscipline projects.

KEY CAPABILITIES

Process and Plant Piping Installation

Mechanical Equipment Installation

Gas Pipeline Facilities, Main Line Valves and Meter Stations

Rotating Equipment Installation – Ball Mills, Kilns, Compressors and Pumps

MSCL Pipelines and Facilities

Steel Structures, Bridge and Gantry Erection

Mineral Processing Equipment, Silos, Chutes, Hoppers and Tank Erection and Installation





Electrical and Instrumentation (E&I)

As a standalone service or in conjunction with other business offerings, Alltype Engineering provides Electrical and Instrumentation (E&I) services and hold Electrical Contractors License EC13220, including specialist knowledge and experience in oil and gas and petrochemical works where hazardous and explosive atmospheres are present.

Our experienced E&I team operate across broad industry segments, coordinating with civil and mechanical trades seamlessly and have reliably completed high risk, high consequence E&I works on operational assets for the oil and gas, power, renewable, petrochemical and mineral processing industries.

KEY CAPABILITIES

- E&I installation works in workshop, metropolitan and remote areas
- E&I fit out of skids, control rooms, modules and motor control centres (MCC)
- Power, control, instrument and communication cabling and terminations
- Earthing and buried cabling, conduit, pits and infrastructure
- AS3000 wiring, EEHA and OEM compliance works
- Onsite control system hardware and infrastructure upgrades
- Pre-commissioning and testing works
- Hazardous Area installation, inspections and sign off
- Commissioning and performance testing





Turnkey, Multidiscipline and EPC Project Solutions

Alltype Engineering combines our fabrication and site capabilities to work with asset owners, EPC lead contractors, engineering and EPCM consultants, specialist pipeline and civil contractors for delivery of multidisciplinary turnkey construction services, seamlessly and cost effectively. This “end to end” solution has been undertaken on construct only, or design and construct basis.

Benefits of this seamless delivery capability are the elimination of interface risks, lead time reduction, supply chain control and certainty, efficient project execution and elimination of “margin-on-margin” costs for clients. Being a single source solution has allowed Alltype Engineering to deliver to aggressive fast track schedules that are not necessarily achievable via scope and phase split outs that suit longer time frame projects.

KEY CAPABILITIES

- Compressor Stations and Pipeline Facilities
- Gas Processing, Hydrocarbons and Hydrogen
- Rotary Kilns and Rotating Equipment Installations
- Water Infrastructure and Pump Station Installation Works
- Process and Industrial Plants
- Power Generation Facilities
- Renewable Energy





Maintenance, Shutdowns and Turnarounds

The company's foundation started in power station maintenance at the Kwinana and Muja Closed Cycle Power Stations in Western Australia.

Today, Alltype Engineering provides industrial maintenance services including pipe and mechanical fitting, welding, electrical and instrumentation works including planned and emergency shutdowns, repair and overhaul works, both in the workshop and on-site.

We provide clients with custom solutions and provide 24-hour support for maintenance projects and shutdown / turnaround requirements and skilled labour hire in our areas of expertise.

KEY CAPABILITIES

- Oil and Gas Production Facilities
- Offshore Platforms, Subsea and FPSO Works
- Petrochemical Plants
- Water Infrastructure Assets
- Renewable Energy Assets
- Power Generation Facilities
- Mechanical Equipment
- Electrical Infrastructure





We welcome the opportunity to
speak to you at any time.

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