



# SIMPEC

VERTICALLY INTEGRATED SMP, E&I AND CIVIL SOLUTIONS  
FOR CAPITAL PROJECTS AND MAINTENANCE

## WHO WE ARE

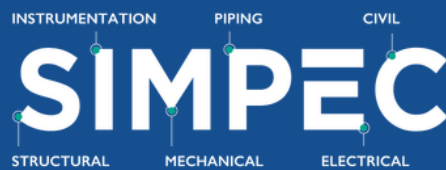
At SIMPEC, we proudly demonstrate our extensive capabilities to provide specialised SMP (Structural, Mechanical, Piping), E&I (Electrical & Instrumentation) and Civil Services to a broad cross section of clients and asset owners.

From tier one clients to specialty contractors, our unique approach and scalability results in a seamless integration with all teams, allowing the focus to remain on safely achieving project milestones and budgets.

## VERTICAL SOLUTIONS

SIMPEC provides world class vertical solutions spanning fabrication, construction and maintenance of our clients' assets, providing Structural, Instrumentation, Mechanical, Piping, Electrical and Civil disciplines.

SIMPEC has the expertise and experience to handle projects of various sizes across the country.



## SAFETY CULTURE

Our SIMSAFE strategy is aligned with our company values and focuses on continuous improvement. It is intended to drive positive safety outcomes and reduce the risk of harm to our people and the environment.



SIMPEC is proudly ISO certified and approved by the Office of the Federal Safety Commission (OFSC).



Lead Positively | Create Teams | Be Like No Other





# STRUCTURAL, MECHANICAL & PIPING

SIMPEC specialises in SMP delivery and integrated customer support in this field. We offer the resources and skillsets to execute a wide range of projects across multiple industry sectors.

We offer flexible services in innovative ways that ensure we deliver on your requirements. Our expertise also includes consultancy services to assist you with bridging the gap to achieve commercial viability.

## INDUSTRY SECTORS

- Defence
- Hydrogen & Decarbonisation
- Industrial & Manufacturing
- Ports and Materials Handling
- Oil and Gas
- Infrastructure
- Rail
- Mining and Minerals
- Renewable Energy & Microgrid projects
- Water and Wastewater

## STRUCTURAL

- Fabrication and installation of structural steel
- Fabrication, installation and lining of platework
- Fabrication / installation of tanks
- Modularisation and pre-assembly
- Structural remediation works
- Structural detailing
- Building cladding
- Installation of large-scale modules including all logistics and handling.

## MECHANICAL

### All static and rotating equipment installation

- Compressors
- Turbines
- Power generation
- Pumps, agitators
- Crushers, screens
- Filters
- Conveyors, feeders
- Stacks

## MECHANICAL CONT..

- Stacks
- Kilns
- Vessels
- Tanks
- Column Fit-out
- Equipment preservation

## PIPING

- Piping fabrication
- Management of overseas module fabrication
- Stick built installation
- Module tie in and hook-ups
- Exotics installation and welding
- Compressor spools install
- Cryogenic systems
- NDT, pressure testing
- Lube oil flushing
- Line blowing / flushing
- Leak testing
- Compliance inspections
- Pre-commissioning
- Fabrication of custom components
- Maintenance and repair
- Commissioning support.

Proudly recognised as a


**Veteran Friendly Employer.**



**Veteran Friendly Employer**



## Contact us

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# STRUCTURAL, MECHANICAL & PIPING FEATURED PROJECTS

## IRON BRIDGE WET PROCESS PLANT CONSTRUCTION

Fortescue Metals Group

Total of 1.95 million hours worked, 650 personnel mobilised at peak of project

Mechanical, Structural, Piping and Electrical Installation Works: Module Installation of 300 modules weighing up to 300 Tonnes each

### Mechanical – Over 1000 Items:

- Including Tanks, Bins and LFCU
- Ten High Intensity Grinding Mills
- Three 74-meter diameter tail thickeners
- Over 240 items including pumps, motors, agitators, and samplers

### Steel & Pipework:

- 1000 tonnes of structural steel erection
- 15 kilometres of carbon steel pipe

### Electrical & Instrumentation:

- Installation of 300 kilometres of cable, with more than 15,000 terminations
- Installation of 15 kilometres of conduit and cable trays
- Installation and commissioning of all instrumentation and equipment

**Location:** Pilbara, WA  
**Duration:** 2 years  
**Value:** \$283 Million

## STAGE I IMPROVEMENT PROJECT

Pilbara Minerals

SIMPEC's scope of work for the Pilbara Minerals Project was a fully vertical package to construct a new filter press and building flotation tanks, circuit bypass and met samples, which included installation of Civil, Structural, Mechanical, Piping and Electrical and Instrumentation (E&I) works.

### Scope of work included:

- Supply and installation of concrete, reinforcement and Bondek for a suspended slab on the filter building.
- Installation of HDPE, rubber lined, carbon steel and stainless-steel pipe
- Cladding installation to the filter building
- Site wide E&I works including installation of MCCS, VSDS and DBS.
- Structural steel supply and installation
- Installation of mechanical items, including pumps.

**Location:** Pilgangoora, WA  
**Duration:** 6 months  
**Value:** \$15 Million

## LHPP 1 & 2

Tianqi Lithium

SIMPEC's scope of work included installation and pressure testing of piping in the Pyromet area on Stage I of the Tianqi Lithium Kwinana (TLK) Lithium Hydroxide Processing Plant (LHPP).

The teams performance allowed for the successful award of the drying and bagging building pipe work including the Boiler Room. A mechanical completions team were engaged to assist with the handover of systems to the commissioning team.

### Scope of Work:

- Construction management
- Installation of pre-spooled and site run piping
- Installation of all associated pipe supports
- Pressure testing, flushing and drying
- Paint touch up and insulation

**Location:** Kwinana, WA  
**Duration:** 9 months  
**Value:** \$40 Million

## KWINANA COCKBURN CEMENT PLANT UPGRADE

Cockburn Cement Ltd.

SIMPEC's works include the supply of structural, mechanical and piping support services for the development of the new expansion of the existing Kwinana Cockburn Cement Plant.

### Structural, Mechanical and Piping Works

- Assembly, erection and construction of clinker storage shed
- New grinding circuit building structure and mill grinding circuit
- 6 new silos, truck loading system, blending and pneumatic transport system.
- Mill feed building including bins
- Material handling systems (conveyors), towers and associated works
- Utilities: compressed air, water services, piping
- Sampling system
- Brownfield tie-ins.

**Location:** Kwinana, WA  
**Duration:** 2 years  
**Value:** \$80 Million



LEAD POSITIVELY



CREATE TEAMS



BE LIKE NO OTHER