

MECHANICAL DIVISION



**MCCONNELL
DOWELL**
CREATIVE CONSTRUCTION™



**WE HAVE THREE AIMS IN LIFE.
RAISING THE BAR. GROWING
THE BUSINESS. KEEPING SAFE.
SIMPLE REALLY.**



NEW ZEALAND MECHANICAL DIVISION

Our Mechanical Division has been operating in New Zealand for more than 30 years and has built up an impressive track record based on winning repeat business and building long-term relationships.

Our core services include on-site and off-site:

- Steel and pipework fabrication
- Industrial plant installation and maintenance
- Crane and hoist maintenance

We take pride in our ability to supply products and labour to our clients anywhere within New Zealand and the Pacific. As well as working with external clients, we provide services internally to McConnell Dowell projects.

We also have access to resources through the wider McConnell Dowell Group in Australia, China, Dubai, Thailand, the Philippines, and Indonesia. Our geographical reach brings depth of knowledge, diversity, and experience.

COMPANY BACKGROUND

McConnell Dowell is a major engineering, construction, maintenance and building company that operates throughout New Zealand, the Pacific, Australia, Asia and the Middle East.

We have a broad capability which includes:

- Marine
- Tunnelling
- Civil
- Pipelines
- Mechanical services

We deliver these services in the transport, resources, power, and water and wastewater markets.

Our broad capability allows us to deliver complex multi-disciplined projects involving civil, mechanical and electrical components.



INDUSTRIAL PLANT INSTALLATION AND MAINTENANCE

We deliver complex multi-disciplined construction projects and provide maintenance services involving mechanical, electrical and civil components including:

- Welding, fabrication and erection
- Manufacturing plant preventative maintenance and repairs
- Co-generation power plant maintenance
- Mobile plant preventative maintenance and repairs
- Mechanical equipment installation
- Electrical installations, repair and servicing
- Working at height
- Confined spaces
- Rigging and scaffolding solutions
- Project scoping, planning, drafting and problem solving



CRANE AND HOIST MAINTENANCE

The Division has a proven track history of providing value-for-money crane and hoist maintenance and repairs. We have experience with the big ones, and we don't sweat the small ones.

Our established relationships with third party inspection agencies means we understand and can meet your compliance needs.

Our crane and hoist maintenance capabilities include:

- Gearbox overhauls
- Trunnion overhauls
- Fall block rebuilds
- Hoist re-roping
- Chain hoist rebuilds
- Electrical control upgrades and modifications

We have enjoyed repeat business with Pacific Steel and Alinta, offering them round-the-clock service at competitive rates.



Your one stop shop.

STEEL AND PIPEWORK FABRICATION

Our steel fabrication services include:

- Structural steelwork
- Fuel, water, and wastewater tanks
- Conveyors
- High pressure pipework
- Excavator and heavy mobile plant modification
- Stainless steel
- Custom lifting devices

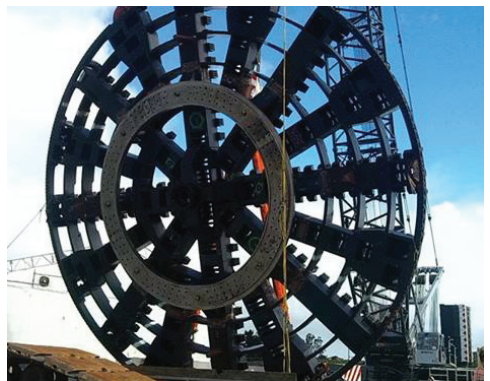
With fabrication workshops covering almost 1,800 m² and housing 25 tonne and 5 tonne gantry cranes, we have the capacity to handle the big stuff, but no job is too small either.

Kitted out with modern MIG, TIG and MMAW machines, operated by qualified and experienced tradesmen, our clients can expect high quality and efficient delivery. With the support services of on-site engineers, draftsmen, and planners, plus quality, safety and environmental advisors, we can handle the tough jobs.

We regularly provide fabrication services to McConnell Dowell projects including:

- A temporary crane platform, welding, and assembling of the Tunnel Boring Machine for the NZ Transport Agency's \$1.4 billion Waterview Connection Project
- "The Galloway" vertical conveyance for Solid Energy's \$15 million Huntly North Shaft Project
- Access platforms for Contact Energy's \$450 million Te Mihi Geothermal Power Station
- Rubber-lined spools for NZ Steel Mining Ltd's \$15 million Taharoa Buoy Relocation Project

We also provide mobile plant repair, modification and servicing for McConnell Dowell's Plant Division.



QUALITY, SAFETY, AND THE ENVIRONMENT

McConnell Dowell's approach to safety is based on zero harm and a total commitment to ensuring everyone goes home without harm every day. We have rigorous systems in place, committed leadership and emphasis on the importance of individual responsibility.

We are accredited to Lloyd's Register Quality Assurance Limited for the following standards:

- AS/NZS ISO 9001:2008
- AS/NZS ISO 14001:2004
- AS/NZS 4801:2001
- OHSAS 18001:2007

In addition, we have welders qualified to AS/NZS 2980 and ASME IX standards.

SUSTAINABILITY

We act today with the future in mind.

We are acutely aware of the lasting presence our work has on the communities in which we operate. We acknowledge our responsibilities within these communities and provide leadership to deliver sustainable outcomes and exceed the expectations of stakeholders. This includes ensuring information is valued and shared. Our apprenticeship training scheme is one of the ways we build future capability.



CONTACT US

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