

- ▀ **Oil and Gas**
- ▀ Power – Traditional
- ▀ Power – Renewables
- ▀ Coal Mining
- ▀ Water Utilities
- ▀ Non-Ferrous Works
- ▀ Rail
- ▀ Defence
- ▀ Civil Onsite
- ▀ General Engineering



# Oil and Gas

capability statement



# WHAT WE DO

Berg have been partnering with clients in the Oil & Gas industry for over 30 years and are proud of our demonstrated track record of **reducing costs** and improving the **service life** of key assets. Our proven expertise extends to following services:

## Asset Refurbishment and Maintenance

Berg provide fast turn-around refurbishment and maintenance of **pressure safety valves, pulsation dampeners, choke manifolds** and **top drive overhauls**. We provide clients with a rotatable asset plan to provide significant cost savings and extend the life of existing assets.



## Material Handling & Storage Equipment

Berg are an active supplier of material handling and storage equipment for the Oil & Gas industry. By working closely with end-users, our engineering department have designed fit-for-purpose skids and containers to **dramatically improve functionality and safety**.



## Fabrication

Berg work with our clients to develop customised solutions to their specific asset needs with the manufacture of **fracking valve transport skids, pump skids** and modification and rectification works of **existing assets** carried out regularly in our workshops.



## PROJECT SPOTLIGHT

### Top Drive Overhaul & Valve Skid Modification for Weatherford Drilling International

Following successful completion of earlier works, in 2014 Berg were engaged by Weatherford Drilling International to undertake an overhaul of their top drive unit and valve skid used as part of their Surat Basin operations. Following disassembly of the items and shipping to Bergs' Brisbane workshop, Berg staff undertook works including NDT and NDE, sand blasting and cleaning, application of protective coating, and machining and fabrication of parts. With Bergs extensive inhouse workshop capability all works were able to be performed onsite, providing significant time and subsequent cost savings to Weatherford.







## PROJECT SPOTLIGHT

### Breakdown Support

Equipped with machining and testing equipment and C10 qualified welders, Berg has the capability to provide **24/7 in field support**. Where in field repairs can't be undertaken, our knowledgeable field team can ensure assets are quickly disassembled, repaired, tested and reassembled to ensure critical assets are back in the field in the **fastest time possible**.



### Hard Surfacing of Master Valves for Origin Energy

In late 2014 Origin Energy commissioned Berg to undertake hard surfacing of a number of their master valves for replenishment of their Roma Stores that support the company's Surat Basin operations. Works included stripping and cleaning of the valves and parts, condition assessment and reporting, rebuilding of valve, OEM seals, O-rings and gaskets and testing as per OEM standards. Works had to be undertaken within a strict two-week time period to ensure minimal downtime to Origins field operations.



## HOW WE DO IT

Our reputation for on time and on budget delivery is what sets Berg apart from our competitors and with our industry leading facilities in our Brisbane, Gladstone and New Caledonia workshops, Berg can comfortably deliver contracts up to \$15 million in value across the Asia Pacific region.

### Our workshop capabilities include:

**Fabrication** – Berg can undertake **complete fabrication & installation** of complex items and functional structures;

**Lifting & Manipulation Equipment** – Hard stand areas and overhead cranes with **20 tonne** lifting capacities;

**Large Capacity Machining** – Berg has over **\$20 million** invested in modern computer controlled machinery and expert fitting capabilities, enabling us to provide an extensive range of products and build a reputation for specialising in large, complex and difficult to source items and components;

**Welding** – Berg have significant inhouse welding capabilities including exotic material welding and plasma transferred arc facing technology. We are NATA Accredited in the field of non-destructive testing in accordance with ISO/IEC 17025 and employ international coded welding inspectors and pressure code AS 1796 Cert No 10 Welding supervision.

# WHO WE DO IT FOR

Having been in operation for over **4 decades**, Berg have evolved, matured and diversified in tandem with our clients and today work with a wide range of blue chip businesses across the Asia Pacific Region.



Berg are a proud Australian engineering business that has built a reputation for excellence on the back of two generations – and more than four decades – of Berg family passion.

Headquartered in Brisbane and with bases in the Asia Pacific we strive to provide our clients with intelligent asset lifecycle management solutions that reduce operating costs, maximise performance, extend asset life; all the while ensuring we meet our ISO accredited quality and safety standards.

## Brisbane

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