

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



Rail

capability statement



WHAT WE DO

Berg have been operating in the Australian Rail Industry for over 45 years and are proud of our demonstrated track record of providing innovative engineering solutions to key Rail Sector providers.

Specific Manufacturing & Refurbishment Services:

- Hand Brake Systems & Rail Clamp Assembly manufacture;
- Manufacturing of Door Opening Mechanisms;
- Undercarriage fabrication works;
- Manufacturing of Rail Wagon Vibrators and Bogie Wheels;
- Refurbishment and Overhaul of Traction Motors & Shafts.

Workshop & Other testing Services:

- Full traceability of all data including Material Certificates, Heat Numbers for specific components, dimensional records and test results;
- Engagement of Metallurgists for engineering sciences and Engineering Consultants for failure analysis and design using FEA Analysis;
- Monitoring and scheduling of services via MRP II software;
- Accreditation to AS/NZS ISO 9001:2000 and NOSA "Silver Seal";
- NATA endorsed Liquid Penetrant Testing, Ultrasonic Testing, Vibration Analysis, Magnetic Particle Inspection, Wear Analysis and Hydrostatic Testing.

Bergs' rail industry specific expertise offering:

- Initial design of plant and components;
- Modification and redesign services;
- Reverse engineering;
- Rectifications and performance enhancement.



Rail Wagon Vibrator

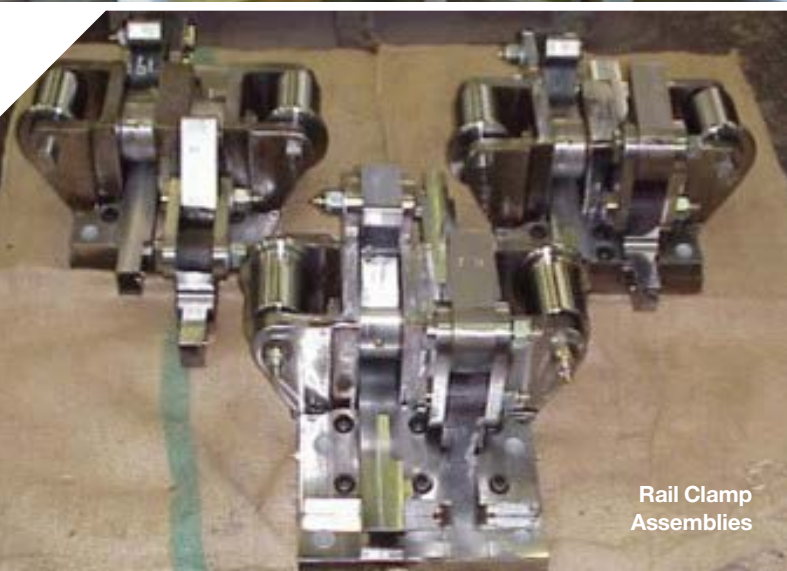


Hand Brake Assemblies

PROJECT SPOTLIGHT

Project Spotlight – Rail Traction Motor Refurbishment for ABB

As part of works for Queensland Rail, Berg were contracted by ABB Australia to undertake refurbishment works on a number of QR traction Motors. Works were delivered using Berg's extensive inhouse capabilities and included welding and re-machining of parts to QR's very strict design specification and standards.



Rail Clamp Assemblies





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 **four 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.



HARSCO



SIEMENS



Santos



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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