

becker®

MINING AUSTRALIA



AS3800
REPAIR & OVERHAUL

MANUFACTURE SUPPORT MAINTAIN

Becker Mining is an OEM of Explosion-Protected Mining Equipment and we provide AS3800 overhauls, repairs, servicing and upgrades. Becker has been providing this service in Australia to our coal mining customers since 1995 and has the built-in experience and processes to provide a complete life cycle solution for all types of Hazardous Area Equipment.

Kit is good for the environment and even better for your bottom line.



Design - Build - Commission -

Our Team

Our highly qualified team has the know how and experience in underground mining equipment which includes but not limited to the following equipment:

- Longwall and Development DCBs
- Longwall and Development Substations
- CME Maingate, Tailgate and BSL FLP Enclosures
- Starters Enclosures
- Auxiliary Fans
- Drill Rigs
- Underground Transport & Electric Vehicles
- Longwall Lighting
- IS Communications
- Mobile Machinery

AS3800 WORKSHOP

- 2000m² fully enclosed shed
- Overhead cranes up to 2x 25t (50t)
- Ex i,q licenced overhauls with controlled environment workshop
- 1250kVA diesel generated 3.3 - 11kV power for testing
- Fabrication and Paint Booth



- On Site Servicing - Overhaul

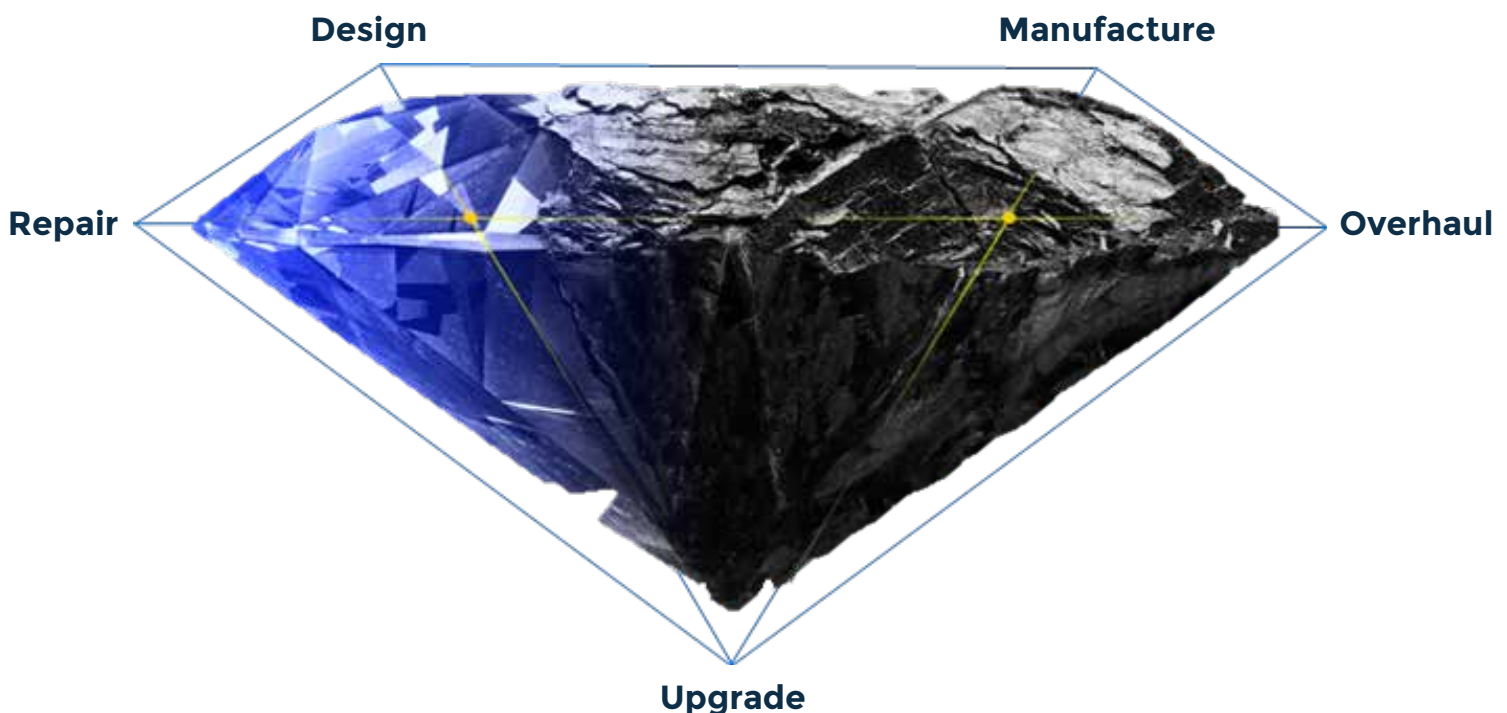
Quality Assured ISO9001

The Becker Mining AS3800 Workshop is licenced for overhaul and repair and holds an ANZEx Certificate of Recognition. We are specifically tooled and established to provide the support needed by the mining industry for the maintenance, overhaul and repair of explosion-protected mining machinery and equipment. Our ISO9001 Integrated Business Management System underpins our commitment to deliver on time, to the specification and on budget. It also allows us to provide quality assurance and measurement of our performance so that we can implement any measures required to continuously improve our system and processes.

Overhauls and Repairs Process

Explosion-Protected Mining Equipment require an AS/NZS 3800 overhaul periodically. This overhaul and potential repair is a process that we have well documented and developed to provide a focused path of renewal. We seek to scope out and understand the end users expectations so that we can meet and exceed the requirements laid out by our customers. We are able to offer upgrades in performance and reliability to further add to the benefits of overhaul.

There are many facets of our AS3800 workshop that work together to provide an integrated overhaul – repair – upgrade solution.



Field Service and Support

We provide onsite support and services to ensure your Explosion-Protected Electrical Plant are compliant and are optimised for performance and to maximise life. Our comprehensive range of onsite services include:

- Introduction to site
- Periodic inspections (pre-overhauls C1)
- Statutory Auditing onsite

Becker provide pre-overhaul inspections on introduction to site as required, we have a team of qualified personnel who undertake statutory inspections of equipment throughout the equipment life onsite, the inspections are carried out to verify the explosion protected integrity of the equipment.

Accreditation Scope

Our Accreditation includes Ex 'd', Ex 'i', Ex 'e' and Ex 'q' allowing our workshop to design, manufacture and overhaul a broad range of explosion protected and intrinsically safe equipment. Explosion-protected electrical equipment – Overhaul and Repair of Electrical Plant for use in hazardous atmospheres. Group I Equipment Pre-Overhaul Inspection, Overhaul and Repair on:

Type of Protection Ex 'd'	Flammable enclosures (excluding rotating machines) including electrical equipment installed with Ex 'd' enclosures rated up to and including 11,000V AC – Group I only
Type of Protection Ex 'e'	Increased safety enclosures (excluding rotating machines) including electrical equipment installed within an enclosure, rated up to and including 240V AC – Group I only
Type of Protection Ex 'q'	Equipment certified under Becker Mining Systems and its subsidiaries for power-filled enclosures (excluding rotating machine) including electrical equipment installed within and enclosure rated up to and including 240V AC – Group I only
Type of Protection Ex 'i'	Equipment's certified and/or approved for which Becker Mining Systems and its subsidiaries are the Certificate of Compliance/ Approval Holder – Group I only

Licences, Recognition and Certification

Quality Systems Certification: SAI Global Certification Services, QEC25294, ISO 9001:2008
ANZEx Recognised service facility: Certificate of Recognition: ANZEx SF 13.1041, AS/NZS 3800:2012 NSW Planning & Environment LICENCE FOR OVERHAUL AND REPAIR OF EXPLOSION-PROTECTED ELECTRICAL PLANT - Licence number MLA 158511



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