

DIESEL MAINTENANCE DIVISION

A specialist division providing diesel and hydraulic maintenance services to sites across Australasia.

Our highly skilled tradespeople provide maintenance and breakdown support to sites across Australia and PNG, with our team ensuring the continued operation of your heavy machinery and equipment with expertise in diesel mechanics. Covering mobile equipment outages, machine relocations and demobilisations with experience in the most complex shutdowns.

OUR CAPABILITIES

- Maintenance support for all diesel and hydraulic equipment
- 24-hour breakdown support
- Planning and technical assistance
- Specialist shutdown and overhaul service
- On-site service vehicles and specialised equipment
- Ad-hoc, long-term and leave coverage labour

OUR SKILLED TRADE LABOUR OPTIONS INCLUDE:

- Supervisors and Project Managers
- OEM-trained Diesel/Hydraulic Fitters
- Safety Advisors
- Technical and Product Specialists
- Trade Assistants
- Qualified Auto Electricians
- Service Personnel

OUR SPECIALIST SERVICES INCLUDE:

- Additional skilled resources for extra scope work on planned maintenance days
- Dedicated breakdown and response crews

- Electrical services, including air conditioner repairs and servicing, complete machine rewires and electrical modifications and upgrades
- End-to-end shutdown/overhaul service
- Machine relocations
- Major outage services on excavators and drills

MINE-SPECIFIC SERVICE VEHICLES/ EQUIPMENT READY TO MOBILISE FAST

FMS Group Diesel Maintenance Division operates fully equipped, mine-specific vehicles that can be deployed efficiently to provide on-site maintenance and repairs.

- 7 dual welder service trucks (capable of running 2 x Boilermakers 24/7)
- 5 boilermaking trailers
- various containers (diesel outage and commissioning)
- Over 75 onsite utility vehicles
- Purpose built Hydraulic powerpack unit/trailer
- Various equipment stands and specialist tooling
- 2000 ton and 1200 ton hydraulic jacking system (ability to lift any large hydraulic excavator)
- Purpose-built grease system motivator for isolated grease auditing

EXD56 Major Outage BMA Peak Downs – Rotatable Stick, Boom and Undercarriage

This major outage was successful thanks to a full collaboration from six division within FMS Group including the in-house engineering team, Safety Lift Solutions jacking team, Logistics team, Field Division, Machining Division and Mackay Workshop. Lead by our Queensland Diesel Division, the shutdown involved an extensive mechanical overhaul which included:

- Strip all components and split track frames from centre girder
- Strip boom and stick of all hydraulic hard pipes and grease lines
- Full structural repairs on track frames, undercarriage and centre girder
- Reclaim boom and stick bores and machine centre girder and track frames
- Re-assemble undercarriage with new parts
- Jacked up machine and setup jacking beak assembly
- Walked out old undercarriage and walked in new undercarriage with motivator unit
- Lowered machine and re-installed slew bearing bolts

SAFETY INFORMATION

The FMS team effectively managed the multiple work fronts to deliver an incident and injury free shutdown

HIGHLIGHTS

The splitting of the machine allowed for multiple work fronts to be carried out reducing interaction. The outage was completed 14 shifts faster than the conventional shutdown method.

The machine returned to work running at 98% availability. All outstanding defect work and components were completed in a reduced duration due to the machine jacking and outage being combined.

PROVEN EXPERTISE IN DELIVERING THE BEST PEOPLE AND SERVICES TO KEEP MINES RUNNING

Since 2006, FMS Group's Diesel Maintenance Division has been delivering reliable, high-quality maintenance and repair services to mining equipment and machinery on mine sites throughout the Australasia. Some of this equipment includes:

- Terex RH400 – RH120 Excavators
- Hitachi EX8000 – EX1200 Excavators
- Liebherr 9800 – 9100 Excavators
- Sandvik Drill range
- Atlas Copco Drill range
- Caterpillar and Komatsu Dump Trucks and Ancillary equipment.
- All mine site mobile equipment from lighting plants to high wall pumps.
- Light vehicle repairs and maintenance
- Caterpillar 6090-6015 Excavators

