

Hazardous Location Electric Motors



Joy Global electric motor rebuild service personnel have extensive experience with all types and sizes of low and high voltage hazardous location electric motors. Regardless of the industry, Joy Global has the experience and knowledge to provide the necessary support for:

- Underground coal mining
- Primary industry
- Petro-chemical
- Submersible pumps
- Pump motors
- Ventilation fans

Joy Global's service capabilities for hazardous location motors include:

- 24 hour / 7 day support throughout Australia
- Overhauls and repair
- Authorised by NATA and DPI for the overhaul of Hazardous Area Electrical Rotating Equipment (AS3800)
- Comprehensive range of Reliance flameproof motors available 24/7 through Joy Global service exchange
- Stator / rotor rewinds and redesigns - all windings rewound to Class "H" insulation
- Temperature controlled burn-out ovens and core loss testing ensure that efficiencies are maintained
- Authorised repair facility for products from Joy Global, Reliance, Morley, Toshiba, Eickhoff and WEG
- Dynamometer full load testing and variable frequency up to 90 Hz
- Stock and supply of new AC motors for all applications available 24/7
- In-house mechanical capabilities for machining, manufacture, balancing and reclamation
- Comprehensive inspection and test reporting
- VPI (Vacuum Pressure Impregnation) encapsulation systems
- PdMA and DLA, PD testing

Contact us about these and other service capabilities



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