



Rotating Equipment Maintenance

Key Rotating Equipment Maintenance Capabilities

Our experience with rotating equipment comprises a range of compression technologies including large gas fired reciprocating engines, small gas fired engine packs, drive heads, high and medium pressure compressors and black start diesel generators. We provide safe and efficient Rotating Equipment maintenance services including:

- Mechanical servicing
- Inspection and testing
- Condition monitoring
- Plant and equipment optimisation
- Reconditioning and rebuild services
- Breakdown and callout response
- OHSE management requirements
- Valve services
- Preventative maintenance
- Waste management
- Operations: A Full Duty Holder Operator, we provide full facilities operations, maintenance and technical support services
- Maintenance: A tailored approach to wellsite and associated facilities maintenance with multi-skilled teams delivering cost effective service and troubleshooting capability
- Engineering: Concept engineering, design and drafting, owner's engineer, studies and change management
- Specialised installation, assembly and fabrication services: A range of packaged equipment solutions from concept through to site installation and beyond
- Resourcing: experienced individuals or entire operations and maintenance crews

Capacity and Manpower

GRPS has more than 300 employees, delivering operations and maintenance, projects and advisory services nationally with access to a casual workforce database of up to 400 known, qualified personnel. Our existing maintenance crews comprise highly motivated and well trained technicians, fully supported with tools and equipment – offering a performance oriented and highly mobile workforce. We focus on providing cost effective high value resources, safely delivering the required services, so you can focus on the highest value activities and priorities with your business.

Equipment and Software

GRPS offers a fully equipped solution for facility maintenance and integrity management. Our team is able to operate within client systems, working fully integrated within the operation management structure. Equally, we build, transfer and maintain Computerised Maintenance Management Systems (CMMS) on behalf of our clients, including SAP, Oracle eAM, Maximo and Mex).

Scope specific Asset Integrity equipment: ultrasonic B and C scan equipment, borescope, digital radiographic testing film and NATA certified test bench with full flow testing capabilities and adequate volume to lift the seat.

We have a large fleet of maintenance customised service vehicles available, both in the field and inside operating plants. Features that have assisted in exceeding productivity targets include vacuum trucks, crane trucks, purpose built scaffolding for repeatable maintenance activities, purpose built containerised PSV testing for testing at site and valve maintenance facilities.

GRPS is fully equipped with specialist tooling equipment for the servicing of Rotating Equipment.

Rotating Equipment Currently Maintained by GRPS



GRPS currently maintains a range of Rotating Equipment for our clients across Australia, including DISER on Northern Endeavor, Eni Blacktip Offshore Platform and Yelcherr Gas Plant, Triangle Energy Cliff Head. GRPS are experienced in servicing a wide range of rotating equipment including Solar, Waukesha, Jenbacher & Caterpillar Gas Engines, Ariel Reciprocating Compressors and Frick Screw Compressors.

Equipment	Make	Model	Output
Gas Engine (Generator)	Jenbacher	J612GSE12	1635 kW
Alternator	AVK	DIG 130	2150 kVA
Alternator	Onan	165.0 DYH-517R/1 C	165kVA
Engine (Alternator)	Allis Chalmers	21000	
RGC-001 Compressor	Ariel	JGT/4	
Engine (RGC-001 Compressor)	CAT	G3306	Max 210 bhp
FGC-01 Compressor	Frick	SGC 281	
Engine FGC-01	CAT	G3406	Max 325 bhp
Engine (GEA)	Cummins	G855	1200 kPa
Engine (DEA)	CAT	D3208	80 kVA
Turbine Engine (Power gen.)	Solar	MARS 100	
Alternator (Power gen.)	Ideal Electric		10 MW
Gas turbine (compressor)	Solar		10 MW
Compressor	Dresser Rand	553B6	
Compressor	Ariel	JGH4 w	
Engine	Waukesha	F3514 GSI	550 kW
Compressor	Ariel	JGQ/1	
Engine	Toshiba Electric	CD315S	90 kW
Gas turbine (compression)	Solar	Taurus 70	8 MW
Gas Compressor	Solar	C169V	15000 kPa
Gas engine (power generation)	Waukesha	VHP L7044GSI	1100 KW
Diesel Engine (power generation)	MTU Detroit	18V2000 G65	1100 KW
Alternator	Marelli	MJB500	1250 kVA
Diesel Engine (water pump)	Caterpillar	3412C	500 KW
Air Compressor	CAPS	Ingersoll-Rand MXU200-2S-LV	1200 kPa

About Us

GR Production Services is a leading provider of operations, maintenance, projects and advisory services with a reputation for providing safe, innovative and sustainable solutions.

grps.com.au | info@grps.com.au