



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

GR Production Services (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 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. Our provision of cost-effective high value resources to safely deliver the required services means you can focus on your business' highest value activities and priorities.

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.

We have scope specific asset integrity equipment which includes 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 also 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 QPM Energy Moranbah Gas Project, Santos Roma and ENI Yelcherr Gas Plant. 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
Engine FGC-01	Caterpillar	G3406
Engine (GEA)	Cummins	G855
Engine (DEA)	Caterpillar	D3208
Engine	Waukesha	F3514 GSI
Engine	Toshiba Electric	CD315S
Engine (RGC-001 compressor)	Caterpillar	G3306
Engine (alternator)	Allis Chalmers	21000
Diesel Engine (power generation)	MTU Detroit	18V2000 G65
Diesel Engine (water pump)	Caterpillar	3412C
Gas engine (power generation)	Waukesha	VHP L7044GSI
Gas Engine (generator)	Jenbacher	J612GSE12
Gas Engine	Caterpillar	G3612
Gas Engine	Caterpillar	G3512
Gas Engine	Waukesha	L7042 GSI
Gas Engine	Waukesha	L7042 GL
Electric Drive Motor	Toshiba	TIKK FCKNW11
RGC-001 Compressor	Ariel	JGT/4
FGC-01 Compressor	Frick	SGC 281
Compressor	Dresser Rand	553B6
Compressor	Ariel	JGH4 w
Compressor	Ariel	JGQ/1
Air Compressor	CAPS	Ingersoll-Rand MXU200-2S-LV
Gas Compressor	Solar	C169V
Gas Compressor	Ariel	JGC4
Gas Compressor	Ariel	RG357M
Gas Compressor	Kobelco	KS-28LNB
Gas Compressor	Frick	NGCH 450D
Turbine Engine (power generation)	Solar	MARS 100
Gas turbine (compression)	Solar	Taurus 70
Gas turbine (compressor)	Solar	
Alternator	AVK	DIG 130
Alternator	Onan	165.0 DYH-517R/1 C
Alternator (power generation)	Ideal Electric	
Alternator	Marelli	MJB500