



**GENERAL
PETROLEUM
OIL TOOLS™**

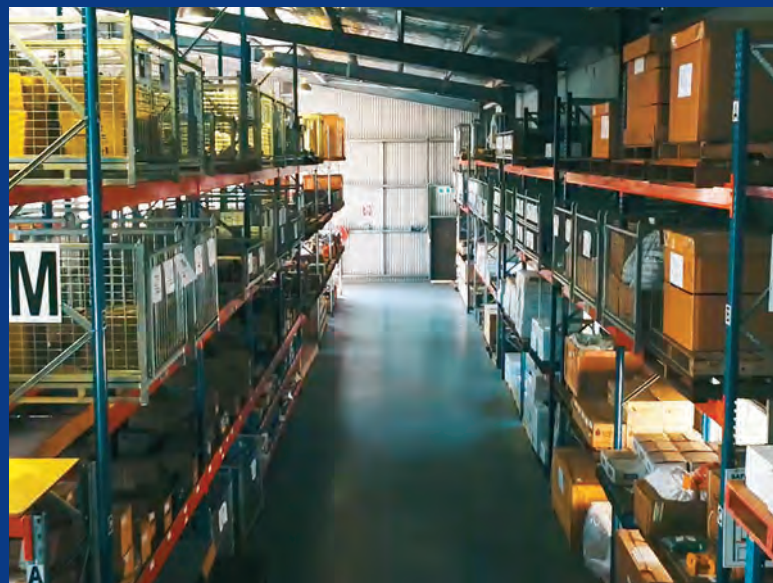
MANAGED SERVICES



General Petroleum Managed Services is a one stop engineering and maintenance centre, servicing the oil and gas, mining, drilling and allied industries.

Respected in the industry for over 25 years, our experienced engineering team provide technical expertise and reliable service. We specialise in design, repair and recertification, and ensure every job is traceable and meets or exceeds industry and OEM standards.

We are an accredited company with detailed internal quality programs, which document the processes, verify findings and test the results. Our OEM partnerships provide world-class technical expertise and availability of parts, which guarantees safe and reliable results.



Service Offering

- Service
- Repair
- Refurbishment
- Inspections
- Valves and flow lines
- Choke manifolds
- Mud pumps
- Pipe handling
- Pressure control equipment
- AMC torque machines

QA Accreditation

- ISO 9001 Quality Assurance
- OHSAS 18001 Safety
- ISO 14000 Environment
- AS 4801 Safety



Safety 18001 | Quality 9001 | Safety 4801 | Environment 14001

Pumps

GPMS can fix any pump, anywhere, anytime!
Our knowledgeable pump technicians are available for on-site repair or field service.

After establishing the root cause of failure, we repair equipment to API or industry standards using genuine OEM, after market, or locally manufactured parts.

Common pumps and ancillary equipment we repair:

Centrifugal Pumps

- Single and multistage
- Back Pull Out (BPO), end suction, in-line, trash, split case, pressure booster, submersible, diesel and electric driven etc
- Reconditioning of mechanical seal surfaces

Artificial Lift Pumps

- Progressive cavity pumps – PCP
- PCP test flow bench
- Rod pumps
- Drive heads

Beam Pumps

- Gearbox and engine repairs

Diaphragm Pumps

- Mine de-watering and slurry transfer applications

Reciprocating Pumps

- Piston/liner type mud pumps
- Plunger/stuffing box type de-watering pumps
- Power end service and bearing shimming to restore correct running clearances
- Bearing change outs of main, big end and wrist pin bearings
- Cross head tunnel alignment checks and re-boring
- Cross head slideway replacement and alignments
- Valve module servicing and washout repairs
- Broken stud extraction
- Stuffing box upgrades to SS sleeves – one-piece fluid ends

Liquid Pulsation Dampeners/Accumulators

- Testing and repairs to AS 1210, 1200, ASME VIII as applicable
- Pressure Piping, Flanges and Fittings
- Design, Fabrication, Repairs and Testing to AS4041

Pressure Piping, Flanges and Fittings

- Design, Fabrication, Repairs and Testing to AS4041



Rod Handling Equipment

GPMS offers complete API CAT4 maintenance and repair programs designed to meet the highest industry standards.

We inspect, test and certify lifting equipment including; handling tools, hooks, blocks, casing tools, tongs, swivels, elevators, and spiders with load test certification and non-destructive testing up to approx. 400 tonne.

The load press are fully equipped with drill pipe mandrels and fixtures, used for testing both working load or proof load capacities. NDT and a data logged report accompanies each test ensuring all measurements and results are traceable.

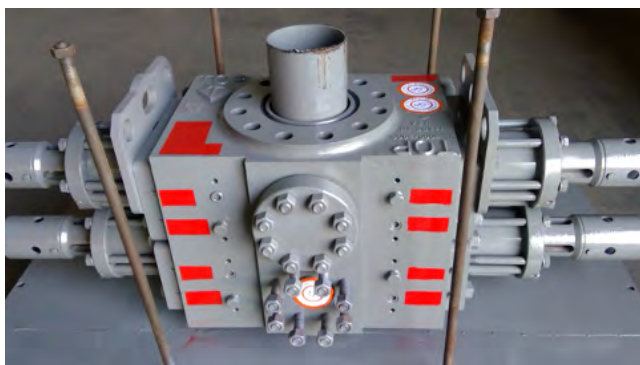
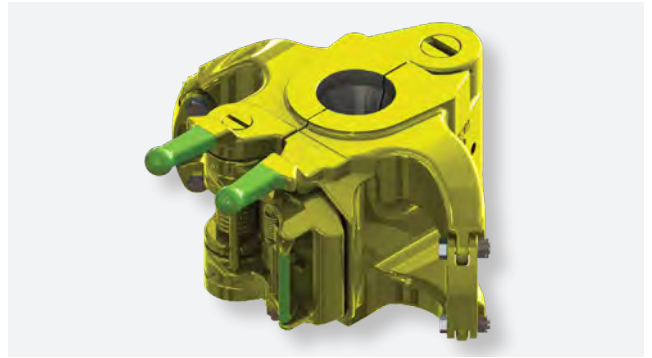
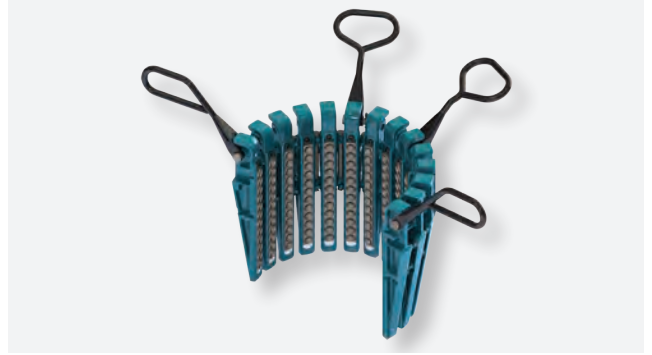
GPMS load tests to API 8C using techniques which mirror in-service loading. Our test equipment is calibrated by third party inspectors and monitored by our ISO 9001:2015 management system. All measurements and results are traceable and referenced against API standards, ensuring you receive high quality products that achieve results.

OEM Accreditation

GPMS is an accredited Forum USA Repair and Refurbishment Centre. Forum USA and the full range of Forum Drilling Products (BVM, AOT, FET) are API certified. We offer a complete recertification program for tubular handling tools. This OEM Recertification Program supports your drilling equipment needs, whether repair, refurbishment or spare parts.

GPMS can inspect, test and certify:

- Elevators - drill pipe, casing, hydraulic and sucker rod
- Sucker rod swivel hooks, runners and spinners
- Power tongs – chain and gear driven for casing and drill rods
- Manual, hydraulic and pneumatic spider slips
- Slips – casing, tubing and drill pipe
- Safety clamps and dog collars



BOP'S & Koomey Units

GPMS have partnered with Townsend Well Control (TWC) USA to provide a service, test and recertification program for BOP's, annulars and related equipment.

TWC hold both API 16A and 16AR monogram accreditation, and under this partnership GPMS are able to service and recertify all makes of well control equipment providing that the original OEM MDR package is available. It also provides access to a comprehensive line of replacement parts and approved rubber goods and consumables. The certification validity period can be extended for equipment not in use for long periods with the Pause Program.

Equipment we service:

- BOP – ram, shear bonnets and boosters
- BOP – annular
- Koomey units – pumps, bottles, valves, gauges, hoses
- Spools, studded adaptors, blocks, tees

Services:

- Inspection and measurement
- NDT
- Parts and assembly
- Pressure test
- Certification

Valves

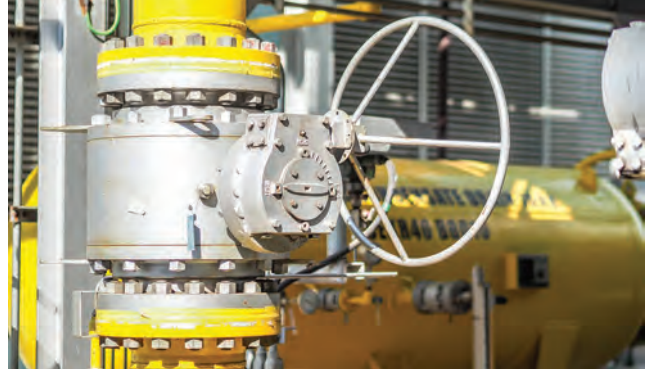
GPMS service and test a wide range of valve types and ancillary equipment.

Types of valves we service:

- Gate
- Ball
- Globe
- Plug
- Pressure relief
- Kelly and safety
- Reset relief
- Actuators – pneumatic and hydraulic control remote (HCR)
- Chokes and manifolds
- Hardlines and integrals

The following tests are regularly carried out to confirm the effectiveness of a repair and the suitability for continued use:

- Open and closed positions
- Bonnet and stem seals
- Low and high range pressure tests
- Urethane RTJ seals used to prevent damage to flange grooves
- Pressure test to 10K
- Pressure/time reporting



AMC Torque Machines

GPMS provides engineering services for Forum AMC torque machines.

The Forum Energy Technologies AMC team provides customers with global support on a local level to help ensure operations continue uninterrupted and costs are minimized over the lifecycle of their equipment. General Petroleum are the local approved service parts and calibration team who can quickly respond to customer needs backed 24/7 by a team of engineers at HQ. Services are available for AMC and non-AMC equipment

General Engineering

GPMS provides complete engineering services for a multitude of projects, including:

- Design, drafting, verification and certification
- Material cutting, drilling, welding, turning, milling, slotting
- Coded pipe welding
- Gearbox repairs (beam pumps, mills and crushers)
- Fabrication and welding to AS1554.1 SP
- Testing – NDT, hydrostatic pressure, load (tension and compression)
- Choke manifolds, transport skids, baskets and walkways
- Pressure gauges and weight indicator systems calibrated, serviced and repaired





Our story began in 1948 Edmonton Alberta, Canada when founder, John McPhie (Ole Blue) began working on oil rigs as a “roughneck”. Over the years his knowledge and expertise grew and took him all over the world, including Singapore and Australia, where in 1995 General Petroleum Oil Tools was born.

Founded on a ‘big enough to deliver, small enough to care’ ethos, GPOT has grown over the last 25 years to become a leading Australian provider of API-approved and graded drilling supplies to the oil, gas and mining industry. With exclusive OEM partnerships and extensive industry experience, we pride ourselves on delivering reliable service and assistance to our clients 24 hours a day, 7 days a week.

Contact us to see what we can do for you!



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