Phoenix Park Gas Processors Limited

POSITION DESCRIPTION

Position Identification

Position Title:	**Mechanical Technician II**
Department:	Operations – Mechanical
Status:	Permanent
Position reports to:	Operations – Mechanical Superintendent
Work coordinated by:	Operations – Mechanical Superintendent
Position supervises:	None
Date of Completion:	October 2026

Job Summary:

Reporting to the Mechanical Superintendent, the Mechanical Technician II is accountable for performing the installation, preventive, predictive and corrective maintenance, troubleshooting, overhaul and repair of the Plant's mechanical equipment and associated systems, in accordance with applicable codes and standards, established maintenance procedures and Company requirements. The position also supports assigned mechanical projects, equipment installation and commissioning, facilities maintenance, and plant shutdown, start-up and restoration activities, to support the safe, reliable and cost-effective operation of the Plant.
The incumbent will also provide support to PPGPL subsidiaries, affiliated companies and Business Development initiatives as required.

Dimensions:

The availability and reliability of the Plant's mechanical equipment are key requirements in ensuring continuity of operations at PPGPL. The Mechanical Technician II contributes to the availability and reliability of this equipment through the timely execution of routine, preventive, predictive and corrective maintenance activities and hands-on repairs. The position requires intermediate technical skills and experience in diagnosing equipment malfunctions and performing maintenance checks and inspections, servicing, overhauling and repairs to mechanical Plant equipment, including static and rotating equipment. The position also supports facilities upkeep activities.
The position operates within established maintenance procedures and schedules, applicable codes and standards, and Company safety and environmental requirements, and within constraints including equipment condition, cost and spare-parts availability. In supporting planned operational and product-delivery requirements, the position contributes to minimising Plant downtime associated with mechanical equipment failure.

The position has no direct supervisory responsibility or financial accountability limit and is expected to meet established performance requirements for quality workmanship, cost and time management, efficiency and effective resource utilisation.

Nature & Scope:

The Mechanical Technician II performs skilled technical work to support the safe, reliable and cost-effective operation of the Plant's mechanical equipment and associated facilities. The position performs corrective, preventive, predictive and proactive maintenance checks and inspections; diagnoses equipment malfunctions; services, overhauls, repairs and replaces mechanical equipment and components; and supports Condition Based Maintenance (CBM) activities, including oil and vibration analysis, and Root Cause Failure Analysis (RCFA).

The position supports the planning and execution of scheduled and unscheduled maintenance activities, including routine maintenance, equipment breakdowns, shutdowns and turnarounds, and prepares required maintenance reports. The Mechanical Technician II works collaboratively with contract personnel in carrying out specified maintenance activities and supports the upkeep of Plant facilities, Docks, Valve Stations and the ALNG Skid. The position interfaces internally with cross-functional teams and other relevant functions and externally with suppliers, contractors, Original Equipment Manufacturers (OEMs), consultants and government agencies, as required.

The Mechanical Technician II operates within established maintenance procedures and schedules, applicable codes and standards, and Company safety and environmental requirements. The position works under the general direction of the Mechanical Superintendent and the specific guidance of the Mechanical Technician III/IV and/or Mechanical Team Lead, with access to higher-level technical support as required. Technical matters outside the position's established level of authority are referred through the appropriate reporting structure.

Health, Safety and Environmental Responsibility:

Every employee has a personal responsibility to exercise reasonable care for their own safety and health and that of others who may be affected by their acts or omissions. Employees are required to comply with the Company's health, safety and environmental policies, procedures and safe work practices, and to actively support the maintenance of a positive safety culture. Further guidance is contained in PPGPL's Safety Manual.
Regards,

Duties & Responsibilities:

1. Mechanical Maintenance & Troubleshooting

I. Conducts the safe, timely, efficient, high-quality and cost-effective maintenance and repair of Plant mechanical equipment in accordance with established best practices and Company requirements.
II. Diagnoses equipment failures and services, overhauls, repairs and replaces mechanical equipment and components, including static and rotating equipment.
III. Specifies materials required for assigned jobs.
IV. Executes assigned maintenance activities, including work performed with the assistance of contract maintenance personnel.

2. Equipment Reliability, Maintenance Planning & Project Support

I. Assists in the development of plans and systems for the routine, preventive, predictive and proactive maintenance of Plant mechanical equipment.

II. Coordinates the execution of assigned mechanical projects, including equipment repairs, replacements and upgrades.

3. Facilities Maintenance & Contractor Support

I. Collaborates with facilities teams, skilled labourers and contractors in carrying out assigned facilities activities, including grass cutting, waste disposal, drain cleaning, pressure washing, garbage collection, laboratory support for cylinder replacement, Sewage Treatment Plant (STP) maintenance, restoration and reinstatement of concrete and gravel areas, minor road repairs, signage replacement and general facilities upkeep.

II. Provides technical guidance and training, as required, to contract personnel; leads toolbox meetings; conducts safety orientations; and prepares Job Safety Risk Assessments (JSRAs) and job procedures.

4. Work Management, Planning & Technical Documentation

I. Reviews and prioritises Work Orders and works proactively with the Planning Department to evaluate, plan, schedule and close out Work Orders, including monitoring Work Order backlogs and utilising the Computerised Maintenance Management System (CMMS).

II. Prepare required maintenance reports, Scope of Work documents, evaluations and Inter-Office Correspondence (IOC) documentation.

5. Operational & Cross-Functional Support

I. Supports internal customer groups, including HSSS, Processing, Inspection, Reliability, Planning, I&E and Engineering, in accordance with assigned responsibilities.

I. Participates in rostered call-out duties as required to support Plant operations.

6. Collaboration & Organizational Support

I. Participates in committees, cross-functional teams and special initiatives, as required, in accordance with assigned responsibilities, workplans and/or team charters.

Job Specifications:

Minimum Acceptable Academic Qualifications

A National Engineering Technician Diploma in Mechanical Engineering; or related disciplines; or equivalent Technicians Diploma from a recognized tertiary institution.

AND

Minimum Number of Years of Relevant Experience

Three (03) years' experience in the maintenance of mechanical equipment, including rotating and static equipment, as well as facilities upkeep, within the oil and gas industry.

Specific Skills and Knowledge:

- Practical knowledge of the maintenance, troubleshooting, overhaul and repair of static and rotating mechanical equipment, including pumps, compressors, turbines, motors, valves and internal combustion engines.

- Knowledge of equipment dismantling, inspection, reassembly, alignment and testing, including bearings, seals, couplings and lubrication systems.
- Ability to interpret P&IDs, mechanical and piping drawings, isometrics, equipment manuals and technical specifications.
- Competence in using precision measuring instruments, mechanical tools and workshop equipment.
- Knowledge of preventive, predictive and corrective maintenance practices, including condition monitoring, vibration monitoring, oil analysis and Root Cause Failure Analysis (RCFA).
- Working knowledge of pipefitting, flange management, welding and fabrication processes.
- Knowledge of mechanical codes and standards, safe work practices, and lifting and rigging operations.
- Knowledge of maintenance planning and scheduling, including the use of Computerised Maintenance Management Systems (CMMS).
- Proficiency in Microsoft Office applications, particularly Word and Excel.

Disclaimer

"The above statements are intended to describe the general nature and level of work being performed by people assigned to this job. They are not intended to be an exhaustive list of all responsibilities, duties and skills required of personnel so classified"