



# Job Description

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Job Title	Job Location	Category
Mechanical Engineer	Tanga	-
Job Type	Job level	Industry
Full Time	Supervisory	Oil & Gas

## Open to Expatriates

Open to Expatriates & Local Nationals

## Minimum Requirements

Min Budget	Max Budget	Primary Industry
-	-	Oil & Gas: 5 Years
Secondary Industry	Primary Category	Secondary Category
-	-	-
Certificate	Qualification	
-	-	

## Summary

We are looking for a dedicated Mechanical Engineer with strong experience in mechanical systems, equipment installation, maintenance, and project execution within large-scale infrastructure and energy projects. Skilled in overseeing mechanical works, ensuring compliance with safety and quality standards, and coordinating with multidisciplinary teams to achieve project milestones.

## Responsibilities

- Monitors rotating equipment according to maintenance philosophy and will manage dedicated Specific Maintenance Contracts (SMC).
- Verifies contractual parameters and performance standards of mechanical equipment complying to allow Project handover to Operations.
- Provides Mechanical support to cover the obligations in terms of maintenance strategy update, performance monitoring, contract, and stock strategy. Define priorities to focus on delivering values matching with Field Operations Objectives.
- Prepares and follow major rotating equipment major maintenance.
- Main equipment availability and reliability monitoring: Ensure the management system is up to date and in line with the Area performance objectives. Recover any REX from Area and analyze KPI to set-up maintenance strategy accordingly.
- Assess and audit procedure managing material repair in workshop are well implemented to secure reliable tracking system, follow-up, and progress.
- Ensures stock management by technology in line with criticality study, capability to repair and availability objective.
- Optimization: Review and challenge maintenance plan on rotating equipment's and do proposal to reduce downtime and cost to optimize cost VS running hours.
- Secures life cycle management of equipment's/ packages; implement studies and action plan to secure maintainability of the plants (obsolescence).
- Develops periodic reporting activities and follows them.
- Advise for the diagnosis related to major malfunctions and failures. Comments Contractor action plan and assess site competencies and process to solve major malfunctions and failures. Support site if required.
- Organizes and maintains mechanical equipment's database. Guarantee the quality of activity reporting, particularly through CMMS.
- Establishes Maintenance Contractors performance indicators, related to Discipline, according to FO objectives and regularly evaluate their performance.
- Ensures condition monitoring philosophy is efficient and develop required tools.
- Proposes improvements to the maintenance strategy according to Site needs.
- Contributes, under the Service perimeter of responsibility, for the integration of future developments of EACOP.
- Defines, lead / supervise the Discipline studies needed to achieve the objectives in terms of availability, maintainability, and

- equipment operating cost. Elaborate (approve) for the Discipline, the functional specifications related to process modifications.
- Receives studies / developments / equipment for Discipline.
  - Follow Long Lead items required for the execution of the AREA work program are provided on time by the technical support.
  - Reviews CONTRACTOR Contract strategy and develops scope of work, accordingly, assist to technical clarification organized by contract support; assist contract engineer in the different tendering stage where technical administrator is required.
  - Reports Contractors' Maintenance performance. Propose improvement to evaluate feasibility to implement them.
  - Assist Cost control in the different NON-ROUTINE Invoice validation stage where technical administrator is required.
  - Works closely with CONTRACTOR Maintenance team to provide supply and services in his area of responsibility.
  - Contributes to the improvement of skills and know-how.
  - Evaluate personnel. Participate in interviewing employees and provide feedback for mechanical technicians.
  - Participates and updates REX and recommendation for future contract as the organisation strategy.
  - Contributes to the 2-Year visions of planned campaigns and the 90-day planning.
  - Influences the 90-day planning.
  - Influences the 5-week planning.
  - Assure best safety and asset availability during start and first 3 years of operations.
  - Put in place proper, optimized work practices, methodology and structure.
  - Train and coach local staff up to required professional and experience level to manage autonomously.

## Requirements

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- Engineering Bac +5 level with specialization in Mechanical Rotating Machines, or equivalent proven experience (Engineer)
- Languages: English proficiency
- ERB Registration as a Professional Engineer

## Characteristics

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- Experience in Rotating Machinery (over 8 years), competence in vibration analysis, oil production knowledge.
- Experience in industrial maintenance (over 5 years) and maintenance methods (RCM monitoring machines and CMMS use).
- Experience of maintenance team and contractor management.
- Reliability, autonomy, analytical, organizational capacity, and leadership.

## Reporting To

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Head of Maintenance and Inspection

## Driving Licence

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Not Required

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