Job Description

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Job Title
Lead Process and Flow Assurance

Job Location
Tanga

Category
-

Job Type
Full Time

Job level
Intermediate

Industry
Engineering

Open to Expatriates
Open to Expatriates & Local Nationals

Minimum Requirements

Min Budget
-

Max Budget
-

Primary Industry
Engineering: 10 Years

Secondary Industry
-

Primary Category
-

Secondary Category
-

Certificate
-

Qualification
-

Summary

We are looking for a Lead Process Engineering and Flow Assurance to ensure optimal operations and safety. Lead the coordination of fluid sampling, laboratory analysis, chemical injection, chemicals stocks management and review of all associated reporting. Leads process studies to troubleshoot site technical issues and offers validated solutions which safely improve the operability of the asset. Custodian of Master copies of process documents such as P&IDs, PFDs and Safety Logic diagrams. Custodian of the management of Site Modifications process, ensuring right level validation for the different types of modifications and follow-up to closure (including integration of revised documentations) for all modifications and lead process optimization and simulations.

Responsibilities

- Lead Process Studies to resolve operational issues
- Provide Process support to projects and facilities tie-in to the asset
- Custodian of Master copies of process documents such as P&IDs, PFDs and Safety Logic diagrams
- Custodian of the master Process Simulation.
- Lead Process simulations for operational improvements
- Ensure that process documentations are in accordance with Company and Local Requirements
- Conduct de-bottlenecking studies and recommend solutions to optimize existing installations
- Maintains Process digital tools and work methods updated and relevant
- Lead Flow Assurance studies to support asset operations
- Responsible to evaluate optimized use of Drag Reducing Agent (DRA) for relevant flow regimes
- Provides the appropriate fluid sampling scheme for the asset
- Lead the implementation fluid sampling scheme for the asset
- Provides the appropriate chemical injection rates for different flow regimes of the asset
- Ensures overall availability of chemical stock in a cost effective manner
- Responsible for Laboratory analysis across the asset
- Responsible for Laboratory and chemicals report for the asset
- Custodian of the management of Site Modifications process
- Ensure Site Modification procedure is followed for all modifications
- Keeps updated modifications register
- Contribute to the training and coaching of the Process/Field Engineer and other member of the Operations team
- Make Process Engineering input to Technical Reviews/Safety Studies such as HAZOP, Safety Reviews.
- Interface closely with other entities to access required inputs and collaborations for Process/Flow Assurance studies
- Actively participate in HSEQ and promotes this culture to co-workers.

- Remain vigilant and maintain continuous awareness of potential unsafe conditions.
- Communicate to management any HSE related concerns and ways to improve them.

Education & Qualifications

- Engineering degree, preferably in Chemical Engineering or Petroleum Engineering.
- Master's Degree is a plus.

Requirements

- 10 years' experience in Oil & Gas industry
- Minimum 5 years' experience in Process Engineering discipline.
- Good knowledge of Process Engineering softwares – Pro II, HYSIS, OLGA.
- English proficiency is mandatory.
- Good communication and interpersonal skills

Reporting To

Head of Methods and Process

Driving Licence

Not Required

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