

Job Description

Position: Process Engineer

Location: North Slope

Duration of contract:: 11 months

Required start date: October

Number of Positions: 1

Work Description

Seeking a Process / Process Hazard Analysis (PHA) Engineer for a position in Projects (P&E) organization. This department provides project management, discipline and plant-engineering support for Alaska operations. The posted position will work with the P&E and subsurface groups to provide process-engineering support and facilitate HAZID/PHA reviews for new projects and revalidations for existing facilities. Preference is given to candidates with experience in the oil and gas industry and a strong working knowledge of process engineering.

Responsibilities

The duties and responsibilities for this role are as follows:

- Facilitate hazard identification (HAZID) / PHA reviews for new projects.
- Provide risk assessments for operations.
- Conduct revalidations for existing facilities.
- Provide direction on engineering resolution of action items from PHA reviews.
- Provide other process-engineering support for day-to-day operations.
- Assist with implementation of integrity-management standard requirements.
- Provide process-engineering discipline support to Operations staff and the Operations and Maintenance supervisors and technicians, assisting in technical problem solving and resolution of operational issues to ensure that safety, reliability and availability targets are met.
- Participate in providing input to future project teams on reliability and maintainability issues, influencing and directing design to assure operational needs are met.
- Participate in hazard and operability studies (HAZOPS), design reviews and risk assessments.
- Identify requirements for plant modifications and improvements and manage the scoping and implementation of modifications using the management of change (MOC) process and approved standards and procedures.
- Ensure that up to date engineering documentation, procedures and manuals are in place and maintained for operations and maintenance.
- Deliver optimum performance from process plant by focusing on defect elimination and by refining operating and maintenance strategies and practices.
- Play an active role in embedding operating efficiency within the asset.
- Develop pertinent key performance indicators (KPIs) for the plant and report monthly.
- Interface with colleagues in the Operations Team to ensure experiences and lessons learned are appropriately incorporated into the operation and maintenance strategies of process systems and

equipment.

- Support the development of the maintenance strategy, including maintenance management systems.
- Work closely with the Planner and Scheduler and the process operations supervisors to ensure campaign maintenance is undertaken in the most effective and cost-advantageous manner.
- Ensure the process-design integrity of oil and gas production and utility systems.
- Own the delivery of specific elements of the Process Safety and Integrity Management 3-year Plan.
- Be accountable for the development and auditing of systems to ensure technical integrity is maintained at all times.
- Provide mentoring and coaching assistance to develop less experienced staff.

Experience & Knowledge

To be considered for this role, applicants must have the following qualifications:

- 5 or more years of experience in the process industry (upstream, downstream or gas plants)
- Strong understanding of process and instrumentation designs (P&IDS), Instrument / controls and unit operations
- Experienced with use and proper application of process simulators
- Understanding of purchasing and supply chain management (PSM)
- Good communication skills
- Strong influencing skills
- Strong health, safety and environmental (HSE) focus and commitment
- Design experience in upstream production facilities and gas plants
- Bachelors degree in Chemical or Mechanical Engineering

Preferred Qualifications

In addition to the required qualifications, the successful applicant is likely to be able to demonstrate the following:

- 2 or more years of field experience
- Chartered / Professional Engineering status
- Working experience with maintenance management systems
- Experience working with different cultures
- Good knowledge and experience of the engineering contractor community and contract strategy development
- Good practical understanding of plant operations

Any Other Relevant Information

Education

Bachelor's degree in Chemical or Mechanical Engineering required

Languages Needed

English fluency required

Local Candidates Preferred