

TECHNICAL SERVICES			
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		Technical Safety Engineer	Revision 1 Page 1 of 2

Job Description

Job Title:	Lead Technical Safety Engineer
Job Location:	Dubai
KPIs:	

Report to:	Engineering Manager
Direct report from:	
Key interactions:	Project Manager, QAQC Manager, Engineering Manager, Project team and EPC contractors.

Key Responsibilities:	
<ul style="list-style-type: none"> • Update and maintain department in Kurdistan HSE Design Standards • Ensuring compliance to safety codes, standards, operating procedures and other safety associated rules and regulations during all phases of the project design and facilities commissioning. • Safety & risk study tracking and close out • Lead and/or participate in project safety & risk studies including but not limited to HAZOP / HAZID/ QRA/ PTR /SIL / & Technical Safety Audits • Participate in Constructability and Operability reviews • Consequence modeling using PHAST • Process hazard analyses • Risk assessment studies • Safety system modifications design • Reliability modeling • Safety Integrity Level (SIL) determinations; and • Management of changes management. This will also cover Fire and Explosion hazard management as well as process safety • Coordination with other project discipline engineering team members and other internal stakeholders. • Support effective handover and closure of projects and contracts – delivery of Safety Critical Elements 	

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Required Qualifications & Experience:

- Technical academic background,
- >15 years of experience from large capital expenditure (capex) projects, preferably within the oil and gas industry. At least 5 years as a successful Lead Technical Safety Engineer.
- Have a wide range of technical skills and experience but shall have knowledge of practical process techniques and equipment typically 2 & 3 phase separation, crude stabilization, H₂S removal and process control techniques.
- Familiar with the design, setting up and mobilization of capex projects and their subsequent execution to successful completion.
- Skilled in Asset Integrity and Process Safety Management
- Familiar with international HSE engineering design standards
- Solid experience of industry standard software tools, in particular Hazard Management Software tools (IE. HazLog, Fred, Phast & Phast Risk, etc.)
- Proven capability in conducting Safety & Risk studies including but not limited to HAZOP / HAZID/ QRA/ PTR /SIL / & Technical Safety Audits
- Excellent communication skills when working with cross functional teams within the office to provide safety related input to projects.

Key Attributes:

- Excellent communication skills, ability to grasp complex issues and convey their resolution to project stakeholders.
- Able to effectively balance the technical and business related perspectives of the project.
- Hands-on, down-to-earth, practical approach, contributes personally to solve problems and get things done with a sense of urgency.
- Resilient in the face of adversity and uncertainty.