

Lead Technical Safety Engineer

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Company: Wood

Location: United Arab Emirates

Category: healthcare-practitioners-and-technical

Wood is presently looking to hire a Lead Technical Safety Engineer for our office in Dubai.

Below are more details about this role.

The job requires the design safety expertise to carry out the HSE related activities for oil & gas projects. HSE Engineer will be expected to assume significant technical responsibility and help with managing the day-to-day execution of the project activities.

To control a team including checking of deliverables prepared by other HSE Engineers within the HSE group.

Deputizing for lead engineer where required

Contribute to the design of engineering solutions and produce detailed designs and specifications.

Prepare and review deliverables to meet specific project requirements including: Project HSE Plans, HSE Philosophies, Fire & Gas System Specification, Active and Passive Fire Protection, Fire Fighting Layouts, Fire and Gas Detection Layouts, Safety Key Plans, Hazardous Area Classification Layouts, Engineering Studies Reports (Gas Dispersion Analysis, Fire and Explosion,

Be proficient in using software required for carrying out various HSE studies.

Preparation of loss prevention design documents including, Firewater Systems, hydraulic calculations, fire protection layouts, safety equipment layouts, fire proofing design, F&G cause & effect diagrams, F&G detection layouts, firefighting and safety equipment

specifications (including clean Gas agent), Fire Protection Design Basis, Fire & Gas Philosophies.

In-depth knowledge and experience of various safety studies and workshops like HAZID, HAZOP, SIL etc. is essential and should be able to review 3rd party studies such as QRA, HSEIA etc.

Manage the technical aspects of procurement of equipment and services including preparation of requisitions, technical bid evaluation, vendor data review, scope development and management.

Management of third-party suppliers in the execution of engineering delivery

Be proficient in interpreting P&IDs, Cause and Effects charts, Environmental Data, and use the information for interdisciplinary support.

Experience of directing Management of Change (MOC) reviews

Able to interrogate and review 3rd party HSE studies such as QRA, FERA., EERA etc. as required

Able to perform Physical Hazard Effects (PHE) modelling using PHAST (or similar) as required.

Co-ordinating with other disciplines during all stages of design development, construction, pre-commissioning, and start-up

Be proficient with UAE and international Codes and Standards, Industry Best Practice and Safety Regulations.

Provide assistance in Manhours estimation and scheduling for project proposals.

Strong commitment to safety

Bachelor's degree in chemical engineering / Loss Prevention / Environmental or equivalent from an accredited university with a minimum of fifteen (15+) years of relevant experience in the Offshore/Onshore Oil & Gas industry, including minimum (5) years (preferred) in GCC region.

Must have at least three (3) years of experience in similar position in a mega Oil & Gas or

Petrochemical projects, managing team of Engineers and designers.

Experience of Concept / FEED / Detailed Design project phases

Experience working on Saudi Aramco projects is preferred.

Be able to work in a team environment and handle multiple project responsibilities.

Experience of working with multi-national and multi-cultural project teams is preferred

Good knowledge on regulatory framework and associated legislation, international codes and standards is required

Previous experience of working in the Middle East would be an advantage

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