



## JOB DESCRIPTION

<b>Position Title:</b>	Senior Mechanical Engineer	<b>Position Type:</b>	Exempt
<b>Department/Group:</b>	Engineering	<b>Location:</b>	Dallas/Houston, US
<b>Reports To:</b>	VP, Facilities	<b>Direct Reports:</b>	N/A

### Company Description

Kosmos Energy is a well-capitalized, pure play deep-water oil and gas company with growing production, a pipeline of development opportunities, and a balanced exploration portfolio along the Atlantic Margins.

Our key assets include production offshore Ghana, Equatorial Guinea and U.S. Gulf of Mexico, as well as a world-class gas development offshore Mauritania and Senegal. We also maintain a sustainable proven basin exploration program in Equatorial Guinea, Ghana and U.S. Gulf of Mexico. Kosmos is listed on the New York Stock Exchange and London Stock Exchange and is traded under the ticker symbol KOS.

As an ethical and transparent company, Kosmos is committed to doing things the right way. The company's Business Principles articulate our commitment to transparency, ethics, human rights, safety, and the environment. Read more about this commitment in our Corporate Responsibility Report. For additional information, visit [www.kosmosenergy.com](http://www.kosmosenergy.com).

### Basic Function

The Senior Mechanical Engineer will be a member of the Facilities Engineering Team. This team provides engineering, integrity management and maintenance expertise to support our joint venture partnerships in Ghana, Equatorial Guinea, Mauritania & Senegal and to our operations in the Gulf of Mexico.

The Senior Mechanical Engineer must be able to work effectively and collaboratively with our remote operating partners and with our US/UK operations, to provide ongoing independence assurance and constructive challenge, together with leadership of major intervention or strategic activities as required.

The successful candidate will display ingenuity and a flair for delivery of elegant solutions to engineering problems, including activities to assist with our corporate agenda to reduce emissions and deliver cleaner energy.

### Essential Responsibilities and Job Duties

- Provide mechanical engineering subject matter expertise, integrity and maintenance proficiency and challenge to operations and projects in both non-operated and operated assets.
- Lead mechanical and integrity related operational interventions and support failure and incident investigations as required.
- Participate in gate reviews, peer assists, risk assessments and hazard analysis as required.
- Drive facilities optimization efforts for both non-operated and operated assets with a specific focus on mechanical integrity and operations.
- Utilize data to identify engineering modifications to drive out the root cause of unreliability, losses and integrity issues across the operations and provide specialized knowledge on troubleshooting.
- Support the development of fit-for-purpose Standards and Procedures relevant to facilities engineering and risk management providing the relevant pipeline integrity and operations expertise.
- Provide mechanical engineering, integrity and maintenance expertise to due diligence efforts for potential Merger and Acquisition opportunities.
- Provide technical input and guidance to projects including design and construction engineering, and procurement of equipment for operated and non-operated facilities.
- Provide expertise and assist with facilities start-up, and operations from an engineering perspective.
- Provide subject matter expertise to facilitate an independent view of emerging risk characterization and development of action plans.
- Handle other projects, duties and responsibilities as assigned.



## JOB DESCRIPTION

### Qualifications and Education Requirements

- Minimum Bachelor's degree in an appropriate Engineering discipline together with Professional Engineer or Chartership status.
- Proven track record of global Oil & Gas experience covering mechanical engineering integrity and maintenance in both operations and development project environments.
- Deep experience in pipeline and pressure systems integrity management and operations, flow assurance and materials.
- Working knowledge and demonstrable application of applicable international codes and standards (e.g. ASME, ANSI, ISO).
- Knowledge of pipeline and pressure systems damage mechanisms and an ability to assimilate and analyze data and provide risk assessments with recommendations for action.
- Experience as an informed buyer of advanced numerical analysis (FEA, CFD) would be an advantage.
- Experienced in operations and project start up, execution and close out of large-scale projects.
- Minimum 10 years in an Engineering or E&P company.
- Experience in West Africa operations is considered preferable.
- Must be able to travel both domestically and internationally, including compliance with necessary vaccination requirements.
- Role will be based in the Dallas/Houston Offices, US.
- Role may occasionally require working additional hours for the proper performance of the duties which could include weekends and bank holidays.
- Must maintain a current BOSIET/HUET Certificate and Oil & Gas UK Medical Certificate.

### Attributes

- Strong leadership, influencing and communication skills.
- Proven ability to prioritize and direct complex activities.
- Must be able to work with diverse employees, partners and governments from all parts of the world.
- Has little need for close management supervision/direction and is comfortable and effective in an informal operating environment.
- Demonstrates an understanding of engineering risk and the ability to make informed judgments in support of business value
- Proven ability to lead collaboration across teams and generate solutions.
- Exceptional productivity skills. Can be relied on to get the job done accurately and on time.
- Must be an energetic self-starter with a passion for their work. An engaged, "hands on" team player.
- Ability to handle and protect sensitive information in a confidential and professional manner.
- Advanced written and verbal communication skills, with the ability to partner effectively with all levels of staff.

### Travel Requirements

Position requires approximately 20% travel, domestic and international.

### Physical Requirements and Working Conditions

Must possess mobility to work in a standard office setting and to use standard office equipment (computer, printer, copier, etc.) stamina to maintain attention to detail despite interruptions, strength to lift and carry files weighing up to 25 pounds; vision to read printed materials and a computer screen, and hearing and speech to communicate in person and over the telephone

All qualified applicants will receive consideration for employment without regard to race, color, sex, sexual orientation, gender identity, religion, national origin, disability, veteran status, age, marital status, pregnancy, genetic information, or other legally protected status.



**JOB DESCRIPTION**

Approved By:	Julian Austin	Date:	Oct 2022
Last Updated By:	Ian Pannett	Date/Time:	