

SAIPEM ENGINEERING OPPORTUNITIES



About Us

Saipem is a technology and advanced engineering platform for the design, construction and operation of complex, safe and sustainable infrastructures and plants. Always oriented towards technological innovation, Saipem is today committed to working alongside its clients on the frontier of energy transition with means, technologies and processes that are increasingly digital and oriented from their conception towards environmental sustainability. Saipem is present in over 60 countries around the world and employs around 32,000 people of 130 different nationalities and offers you an extraordinary experience from a human and professional point of view, consisting of in being part of multicultural teams, respecting the differences of each one collaborating with passion towards a single goal.

Open Positions:

- Hook Up Engineer
- Materials Technology Lead/Engineer
- Pipeline Analysis Architect
- Senior Offshore Method / Installation engineer
- Structural Engineer
- Naval Architect

If You are interested in creating extraordinary projects in complex environments and you are not afraid to relocate internationally, send your CV to:

Abudhabicareers@saipem.com reference the position you would like to apply, by 18th January



Hook Up Engineer

In this position he/she will be in charge to:

- Propose engineering solutions aiming at identifying optimized configurations for transportation and installation with available marine spread, minimizing offshore Hook-ups and optimizing construction sequences and methodology at Site
- Provide Hook-up inputs to the engineering reviews (Constructability, 3D model, HAZID, etc.).
- Participate in the execution of the Hook-up engineering, including identification of multidisciplinary Hook-up activities, preparation of Hook-up procedures and assembling of necessary project documentation in disciplines Work Packages
- Liaise with Hook-up Planning and Control Analyst for setting up Hook-up Job Cards based on scope of work and in accordance with the defined plans for construction, installation and commissioning
- Elaborate Hook-up project deliverables list and ensure that documents and procedures are developed and issued accordingly
- Define the preparation of Subcontracts scopes and Technical Bid Evaluations related to Hook-up activities
- Ensure the correct interfaces with other project functions during Hook-up engineering activities
- Collect red mark-up engineering documents at site for final As-Built drawings preparation
- Support Hook-up Manager ensuring the necessary follow-up of Hook-up engineering activities either from Home Office, Yard or Site, including inputs for Job Cards updating as necessary
- Supervise the analysis of Hook-up requirements relevant to Welding, Painting, Coating and Quality Control activities and the implementation of any special requirement, ahead the offshore campaign

Requirements:

- 3 years specific Offshore Hook Up experience in pipelay or installation role
- Engineering degree, GPA 3.00 and above.
- fluent in English; skills: proactive and can act on own initiative, strong written/verbal communication, able to work under pressure and meet tight deadlines
- Location: Abu Dhabi

Materials Technologies Lead/Engineer

In this position he/she will be in charge to:

- Coordinate the welding, NDT, materials and corrosion technologies as well as the Cathodic Protection systems and the painting, coating and insulation activities on a project to optimize the project performance. Be the interface between the Discipline Engineers and the Project Engineering Manager in EPC Projects and bids
- For Cathodic Protection systems of onshore projects, organize the work of personnel assigned to site operations

The Lead ensures the execution of the engineering activities within own area of responsibility and ensures the compliance with the QA/QC and HSE requirements.

Tasks include:

- Guarantee the technical support to projects in the material and technology disciplines (welding, non-destructive testing, material, coating, field joint coating, corrosion, insulation and cathodic protection)
- Coordinate the Discipline Engineers in task force
- Verify the consistency of the welding, material selection, NDT, coating, cathodic protection and corrosion engineering documents on the specific project
- Optimize technologies of the various followed disciplines in order to maximize the vessel/project performance
- Activate, in case of project needs, specific technology developments potentially able to improve the project performance

Requirements:

Engineering degree with 10 years experience (Lead) or 5 years (Engineer) in Material Engineering in an offshore construction and installation company.

Experience in a similar role, managing multi disciplinary team, with materials engineering, corrosion, CP and coating experience.

Work experience in executing major EPCI projects

Fluent in English

Location: Abu Dhabi

Sealine Engineer

In this position he/she will be in charge to:

Subsea Sealine and Flowline Engineering: performance of calculation, preparation of technical report, supervision of drafting activities

Supporting Bidding activities: preparation of MTO, ROKM, engineering deliverables and man-hours estimation, mobilization plan

Supporting Procurement for EPCI/Bid Projects: Preparation of Purchase Requests, Material Requisitions, Technical Evaluation and vendor follow up

Requirements:

Bachelor Degree in Mechanical or Civil Engineering

Experience of Subsea Sealine and Flowline Engineering methodologies and criteria

Knowledge of main tools and software for Sealine and Flowline Engineering: DNV suits, Autopipe, Caesar II, Mathcad

Location: Abu Dhabi

Pipeline Analysis Architect

Education: Degree in Mechanical or Civil Engineer or similar discipline

Experience: > 5 year in Installation analysis for offshore sector



Software: Mandatory: Offpipe, Orcaflex
Description: The resource shall be able to perform rigid pipeline and flexible product (cable, umbilical etc) installation analysis not limited to: Shore pull analysis; Initiation, laying and laydown analysis; dynamic analysis; fatigue calculation; staking analysis; pull in analysis; stalk on analysis.
Location: Sharjah/Abu Dhabi (UAE)

Senior Offshore Method / Installation engineer

Education: Degree in Mechanical / Civil (preferable) or other Engineering degree
Experience: > 5-7 year in Installation engineering (including operation follow up / offshore & yard experiences)

Description: with reference (but not limited to) to shallow water activities (**S-Lay / Jacket / Deck / Cables / Structures installation**), the resource shall be experienced & able to:

- Prepare complete engineering Installation package (installation procedures / rigging drawing / check list dossier / trial lift & load out procedures etc.)
- Follow up all the Interfaces with Installation analysis team (naval eng. / structural eng. / pipelay analysis eng.) including input & deeply review of analysis / design report.
- Follow up operation phase (including temporary items material procurement, vessel mobilization, subcontractors' contract(s) etc.);
- Follow up onshore & offshore operation to technical assist (project side) vessel management team during mobilization / testing & installation phase.
- Follow up and manage team of young eng. (method / ops eng) + draftsman for preparation of Installation documents.

Software & codes / standard: Office package (including Microsoft Project) + good knowledge of main offshore T&I codes (DNV/API etc.)

Location: Sharjah / Abu Dhabi (UAE) + Missions (short & medium duration) onboard Installation Vessels and / or yard

Structural Engineer

Education: Degree in Mechanical (Preferrable) /Civil Engineering or similar discipline

Experience: > 5 year in Installation analysis for offshore sector

Software: Mandatory: SACS, STAAD PRO, ANSYS

Nice to Have: GRLWEAP

Description: The resource shall be able to perform structural analysis for installation operation not limited to: Lifting rigging design; pad eye/spreader bar design; sea fastening design; Installation aids design for lifting and rigid and flexible pipeline installation design.

Location: Sharjah/Abu Dhabi (UAE)

Naval Architect

Education: Degree in Naval Architecture or similar discipline

Experience: > 5 year in Installation analysis for offshore sector



Software: Mandatory: Moses, Gmoor, Orcaflex

Nice to Have: Python

Description: The resource shall be able to perform naval analysis for installation operation not limited to: Mooring analysis; engineered lifting/upending analysis; transportation analysis; float over analysis; Hydrodynamic database calculation.

Location: Sharjah/Abu Dhabi (UAE)