



Developing
Energy Resources

Discovering
New Talents

JOB ADVERT - MARCH 2024

Electrical Site & Pre-Com Engineer

Main Duties and Responsibilities

- Control and supervise the site / field engineering activities for electrical discipline carried out by Contractors in compliance with the approved design, applicable codes and standards.
- Review and accept where required the field engineering and construction documents prepared by the contractors related to electrical discipline. Follow up incorporation of such comments by the contractors.
- Provide technical support to the construction teams for engineering related topics in particular to ensure that construction risks are well anticipated and reduced as much as possible.
- Liaise with the Field Engineer on Site to ensure proper supervision of field engineering activities on Site.
- Liaise with Engineering centers where appropriate.
- Ensure compliance of the Site modifications to the Project referential, requirements and applicable regulations and ensure of their formalization in the documentation.
- Supervise and coordinate the proper implementation and resolution of the design change notices issued by the Contractor and Subcontractors
- Prepare the answer to the Site technical queries, so to avoid stand-by and delays by prompt responses for the Electrical Lead engineer validation.
- Provide support and clarification to the commissioning team in the preparation of the commissioning activities.
- Ensure that, for his discipline and area, the quality is maintained and documented by the contractors.
- Assess any requests by the contractor to deviate/change the approved design and make appropriate recommendation.
- Check/monitor the progress of the work performed by the contractors.
- Provide assistance to other entities (Construction,

Quality/QC, HSE, Commissioning, etc.)

- Report on any problem encountered to the Lead Electrical Engineer and Construction Manager. To prepare the regular reporting information
- Contribute to the use of OPERCOM methodology.
- Participate in the electrical pre-commissioning activities.
- Contribute to the use ICAPS for the progress & punch list follow-up and their clearance.
- Be vigilant on the safety aspects of the field engineering and report any anomalies noticed on site, in particular when related to his discipline.

Qualifications and Experience

- Engineering degree or equivalent in electrical discipline.
- Significant experience of more than 10 years in electrical discipline in Oil & Gas Industry
- Site / Commissioning experience
- Team coordination experience
- Good verbal and written communication skills.
- Understanding of oil and gas production equipment, processes, and utility systems
- Good interpersonal and organizational skills, as well as a good level of computer literacy and be proficient in Microsoft Office
- Must be able to work on their own initiative and proactively interact with discipline teams to obtain information.
- Must be able to react quickly and decisively to constantly changing demands and circumstances and be able to identify, analyze & solve problems within the scope of the role.
- Ability and willingness to effectively and robustly challenge the views of contractors and internal contacts.
- Valid Medical Certificate which complies with company Standards

Lead PVV – Layout Engineer

Main Duties and Responsibilities

- Review the PVV disciplines engineering and construction documents prepared by the contractor.
- Monitor the progress of the work performed by the contractor.
- Ensure that all construction risks are well anticipated and reduced as much as possible by the contractor.
- Control of the contractor field engineering activities.
- Ensure the quality assurance record books are properly documented, maintained by the contractor.
- Review and approve the PVV discipline deviations requests
- Assess any requests by the contractor to deviate from quality control procedures or requirements and make appropriate recommendation to the Piping Valves Engineer/construction Lead.
- Keep regular and good quality communication with his/her counterpart(s) on Contractor's side and put in place technical meetings to follow up progress, explain main comments, and provide guidance etc...
- Liaise with the Welding Engineer, Corrosion Engineer as required.
- Participate to the Procurement technical package preparation and to assist Procurement disciplines during all the purchase phases.

- Provide assistance to Package engineers with review of possible change orders & planning constraints
- Report on any problem encountered in his discipline to the Engineering Manager. Prepare the daily report in his discipline.
- Involve the safety aspects of the engineering and report any anomalies noticed on site, when related to his/her discipline.
- Comply with HSE requirements and to support and enforce the HSE Project objectives and directives.

Qualifications and Experience

- Engineering degree or equivalent.
- 15 years' experience in petroleum & gas industry in projects, managing projects effectively at all life-cycle stages of project development (FEED, Basic and Detailed Engineering, Procurement, Fabrication, Installation, Construction, Pre-Commissioning, and Commissioning) for the oil and gas exploration-production industry, both offshore and onshore.
- Significant experience of more than 15 years in Piping, valves, pressure vessels and layout development discipline in Oil & Gas Industry.

Senior Completion / Well Engineer

Main Duties and Responsibilities

- Adopt and demonstrate an exemplary behavior with regard to HSE rules with associated implementation and control within his area of responsibility.
- Participate of the evaluation and clarifications of the Call For Tender and RFQ exercises needed to the smooth running of operations.
- Prepare and QAQC wells AFE (CAPEX and OPEX).
- Perform wells engineering studies and wells software simulations to select best productivity completion design taking into account complex fluids properties (Waxy and viscous oil).
- Assist the Head of wells engineering for the preparation of the General completion Program.
- Participate in the preparation of well's SOR in collaboration with drilling engineering team and GSR team, with special focus on well productivity.
- Assist in preparation of detailed completion programs and issue reports and studies on specific productivity issues (downhole activation selection, reservoir drawdown).
- Investigate new equipment's with Contractors and simplification of artificial lift equipment range.

- Involved in completion, well intervention and rigless operations (day to day with operational people) and identify improvements.
- Assist in preparation of technical input to interactions with authorities and partners.
- Prepare End Of Well Report
- Consolidate lessons learnt in "REX".
- Participate to the Completion Improvement Process system.
- Participate in HSE audits, Incident investigations, SQMs.
- Assist in preparation of pre-spud meetings and participate in same.
- Assist in preparation of derogation dossiers.
- Mentoring and training of Junior staff

Qualifications and Experience

- A Minimum 4 years of experience Drilling & Wells Completions with ESP systems is compulsory.
- Driven, good team spirit and communication skills (written and verbal).

Head of Performance & Digital

Main Duties and Responsibilities

- Promote performance culture on all 3 rig sites, supported by performance dashboards to give a global view of the performances of each activity type and to give a regular update on realized performances to the rig crew.
- Lead the RTOSC (Real Time Operating Center) by ensuring permanent (24/7) operation tracking and seamless exchanges of performance information between RTOC engineers and performance pusher engineers on each rig.
- Responsible for consolidating Drilling & Wells Cost Performance Indicators (CPI's) & Key Performance Indicators (KPI's) used to benchmark and communicate the drilling & wells operations performance of the Company.
- Responsible for implementing the organizational model of the Improvement Wheel phased with the well delivery cycle (Design, Execution, Measure and Post Mortem) to reach continual improvement.
- Responsible for implementing debriefing and workshops, catching lessons learned and best practices, giving feedbacks and communicating objectives, implementing action lists, developing a performance spirit/culture and involving contractor & service companies, using dashboard tool, identifying new technology opportunities.
- Report CPI's & KPI's for drilling, completion & well intervention operations on a monthly basis to the management.
- Verify the wells operation performance database and the best composite curve are permanently updated and ensure it is used as the "Reference" for performance monitoring.
- Track the actions issued from the DWIP and store them in the Action Item Register, assigning tasks to the action leader, fixing deadlines & criticality, sending reminders and sharing action lists between all.
- Investigate along with the Drilling & Wells team on technological breakthroughs, different engineering concepts, different operating modes to achieve step changes in performance & cost.

- Perform on site instructions / drilling program cross-checking, to ensure synchronization & best practices capture.
- Build a long term well operation cost and performance roadmap, planning for the implementation of new technologies, advanced procedures & equipment as well as ILT and NPT reduction.
- Digital: develop the digital roadmap of the project, liaising with drilling contractors, HQ and software suppliers to find tool(s), as user friendly/push button/paper less as possible to combine, ideally on the same platform, the following tasks:
 - Pre-established, automatic, collaborative, D&W programs initial writing and update linked with engineering software's.
 - Automatic transfer/ data gathering and storage of CTRs on live well data records to a patrimonial database.
 - D&W data management device with relevant extractions for operation, cost & HSE follow-up, for operation improvement, for engineering work and for end of well report.
 - Operational apps deployment in view of improving anomalies' detection, thus operations safety and performance.
 - Automatic comparison of ongoing operations with best composite with identification of area of improvement.

Qualifications and Experience

- Petroleum Industry MSc (or equivalent professional experience) a minimum of 8 years of international experience in drilling and / or completion engineering.
- A minimum of 8 years of international experience in drilling and or completion engineering. 3 years minimum exposure to operations. 1 year or more experience in a Method or digital position is an added advantage.
- Very good interpersonal skills, dynamic.
- Multidisciplinary operational competencies in drilling, completion.
- Innovation a performance minded.

Senior Stock & QAQC Engineer

Main Duties and Responsibilities

- Define an API Q2 audit plan for all services contracts and conduct the audit as lead auditor.
- Implement a Service Quality Plan (SQP) as per the API Q2 or similar standard and as per the service criticality requirement.
- Maintain a regular and good communication with the QA/QC department in Headquarters.
- Ensure that the SQPs are fully implemented and adapted to the requirements during the contract.
- Ensure the action tracking database and follow up management system is up to date.
- Provide a QA-QC performance review for the Service Quality Meeting (SQM) and ensure the follow up of the post SQM actions.
- Manage the quality initiative by way of communicating expectations to QA/QC Coordinator and Technicians.
- Provide guidance, advice, feedback, and support to junior staff. During the Call for Tender process:
 - Define the QAQC code & standard required for the scope of the contract.
 - Evaluate the contractors Quality Management Systems during the technical evaluation/clarification.
- Focal point for all the D&W procurement QAQC

aspects and provides QAQC support to the D&W procurement technical Administrators to ensure that the manufacturing process is in accordance with CR EP FP 350, corresponding GS, and in line with the guidelines defined by the métier (HQ).

Qualifications and Experience

- BSc Logistics, Engineering, or relevant field (or equivalent professional experience)
- At least 10 years working experience on Oil and Gas.
- A least 6 years of Drilling and Wells QAQC experience (OCTG, Equipment procurement, Service contract QAC).
- Adequate knowledge of general drilling equipment (mainly tubulars and associated) but also completion. Knowledge of Electric Submersible Pumps (ESP) is a plus.
- Lead Auditor certification in either ISO9001/APIQ1 or APIQ2 preferred.
- Good interpersonal relationship skills, multi discipline and multi-cultural
- Flexibility, communication skills, coordination, and leadership ability.
- Organizational abilities and sense of priorities.

All applications should be sent through the TotalEnergies EP Uganda careers website at <https://careers.totalenergies.com>.

ONLY APPLICATIONS RECEIVED ON THE STATED WEBSITE WILL BE CONSIDERED.

Deadline is 22nd March 2024.

Short listing begins immediately, and only short-listed candidates will be contacted.

"Candidates applying for the advertised positions will be selected on merit.

Any form of canvassing is strictly prohibited."

"Female candidates & persons with disabilities are highly encouraged to apply"
To know more about TotalEnergies EP Uganda, please visit our website <https://corporate-totalenergies.ug>.