JOB DETAIL

Ref. IO2008 - 7/30/2018

In Field Engineering Group Leader PED-091

Main job	Mechanics
Department	PED / Plant Engineering Department
Division	PED / Field Engineering Installation Division
Job Family	Coordinating Engineer
Application Deadline (MM/DD/YYYY)	09/16/2018
Grade	P4
Direct employment	Not required
Purpose	• To lead the team in all matters related to in-field engineering from installation to testing and commissioning of Mechanical, Electrical Systems & Components in Non-Nuclear and Nuclear Buildings; • To ensure the resolution of in-field non-conformities, design changes and deviation requests; • To take care of buildings, as-built configurations as well as of systems (mechanical and electrical systems) under the responsibility of the Plant Engineering Department (PED); • To ensure the full consistency amongst both the Engineering Work Packages (EWP) and the In-Field Engineering Implementation Changes.
Main duties / Responsibilities	• Ensures surveillance and resolution in real time for In –Field Engineering Changes as an Operator for the installation of mechanical &piping aspects as well as for electrical systems ; • Ensures the full integration of the quality process with Construction Management-as-Agent (CMA) as well as with the Construction Department (CST)/Central Integration Office (CIO) and Safety Department (SD) ; • Is responsible for controlling and mitigating any major technical risks linked to in-field engineering issues that could affect the performance or integrated schedule of the project • Enforces the project's Quality Assurance (QA) program and risk mitigation regarding the in-field engineering activities; • Builds and maintains a good relationships with internal and external stakeholders; and in particular with Building, Site Infrastructure & Power Supplies Distribution (BIPS) Project Team (PT); • Resolves in-field design changes in real time as generated by as-built configurations; • Is responsible for the Technical review and resolution of the in-field engineering changes and non-conformance installations; • Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain; • May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays; • Maintains a strong commitment to the implementation of the ITER Safety Program. • Reports to the Field Engineering Installation Division Head; • Interacts with project and contract officers, interfacing with Chief Operating Officer (COO)/Site Construction Director (SCD) and Director-General (DG) when necessary; • In response to requests from the DG and/or PED Head, or proactively, informs the DG/PED Head of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.
Measures of effectiveness	• Efficiently manages the in-Field Engineering activities, ensuring the efficient execution of actions related to construction within the defined cost, scope and schedule; • Effectively manages the interfaces associated within the defined scope and ensures a proper contract monitoring, managing non conformances or claims in due time; • Mitigates potential risks for specific/defined critical installations; • Issues accurate and high quality progress reports, also maintaining up to date documentation; • Provide leadership concerning safety and ensures safety and functional flow down objectives are met. Project Construction Phase

Level of study	Master or higher degree
Diploma	in Nuclear / Mechanical Engineering
Level of experience	At least 10 years
Technical experience/knowledge	– At least 10 years of combined experience in engineering and installation surveillance roles in plant installation, as well as in Contracts and Project management; – Proven experience in the design, fabrication and installation supervision of large and complex piping, mechanical or electrical systems; comprehensive of on line components for power, oil and gas or nuclear plants as well as interface management with the buildings; – Excellent knowledge of special piping supports technologies, like spring hangers, snubbers and supports design solutions; – Good knowledge of applicable codes for conventional and nuclear plants as well as in the design, fabrication and installation of both static and rotating components is considered as an advantage; – Experience in the practical utilization of design codes for piping such as ASME B31.3 and EN13480, pressure equipment ASME VIII or EN 13445 and rotating equipment standards is considered as an advantage;
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	Computer Aided Design MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	– Knowledge of the French ESPN regulations and practical application will be considered advantageous as well as of the European Pressure Equipment Directive for piping systems and components – Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree. – Ability to promote high visibility of shared contributions to goals; – Ability to dialogue and negotiate with a wide variety of contributors and stakeholders; – Ability to adjust communication content and style to deliver messages; – Ability to analyze multiple and diverse sources of information to define problems accurately; – Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.
Others	– Knowledge of GTSTRUDL Codes for Eps calculations on site in real time; – Knowledge of Pipe stress / CAE Pipe for on-site piping adjustments and for fixing new configurations; – Knowledge of 3D CAD (Computer Aided Design) plant software (AVEVA, Catia or Smart-plant) is required; – Knowledge of Microsoft Office package (Word, Excel, PowerPoint, Outlook) is required.
Languages	English (Fluent)