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JOB DETAIL

Ref. IO1886 - 8/30/2017

Mechanical Engineer - PED-164**Main job** Mechanics**Department** PED / Plant Engineering Department**Division** PED / Field Engineering Installation Division**Job Family** Engineer - 2**Application Deadline
(MM/DD/YYYY)** 10/15/2017**Grade** P3**Direct employment** Not required

Purpose

- To assure the Operator Supervision Role during Mechanical and Piping installation in assigned worksites, within the defined cost, scope and schedule; as well as assuring the monitoring of the Domestic Agencies contracts for the same areas.
- To integrate on-site activities in close collaboration with Construction-Management-as-Agent (CMA).
- To be responsible of contract management for the Iter Organization (IO) installation activities within the site services building.

Main duties / Responsibilities

- Is Technical Responsible Officer for the assigned contract;
- Ensures technical interfaces between the CMA and the IO Engineering departments, in his / her area of responsibility;
- Coordinates the review process of any Installation Procedures, Inspection and Test Plans and the installation testing issued by the Contractor in his/ her area of responsibility;
- Issues inspection and observation reports when and where required;
- Assures consistency among the mechanical and piping systems in his/her area of responsibility in installation phase and the engineering work packages issued by Engineering Departments;
- Follows the resolution of the field engineering changes and installation non-conformances related to his/her area of responsibility;
- Assists during testing and commissioning of components that are installed under her/his responsibilities and alerts line management when necessary;
- Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
- May be requested to work in shifts and be part of any of the project team dealing with the above activities and perform other duties upon management request;
- Performs other duties in support of the project schedule;
- May be requested to be part of any of the project/construction teams and to perform other duties;
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

-Under the coordination of the Mechanical / Piping Installation Surveillance Team Leader, reports to the Field Engineering Installation Division (FEID) Head;

-Acts as interface with other internal and external resources for the installation activities for all Balance of Plant Areas;

Measures of effectiveness

- In response to requests from the Director-General and/or Plant Engineering Department (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.

- Contributes efficiently to ensuring satisfaction of safety and functional requirements flow-down;
- Efficient contracts management for installation Activities within the defined cost and schedule;
- Timely and accurate reporting on the status of the fabrication and installation;
- Ensures the efficient execution of actions related to construction for his/her scope of activities, within the defined cost, scope and schedule;
- Manages effectively the interfaces associated with his/her scope of activities.

Project Construction Phase

Level of study Master or equivalent degree**Diploma** Mechanical or Nuclear Engineering

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| Level of experience | At least 8 years |
| Technical experience/knowledge | <ul style="list-style-type: none"> -At least 8 years of combined experience in installation supervision roles; -Proven experience in the fabrication and installation supervision of large and complex piping systems for nuclear plants or oil and gas sectors; -Competences in construction, installation and testing of Mechanical components and piping systems; -Knowledge of piping fabrication and installation procedures as well as welding techniques, testing and NDT techniques; -Good knowledge of piping supporting systems technologies, steel structures construction as well as fixation systems for nuclear plants; -Knowledge of international Mechanical components and piping systems standards; -Knowledge of fusion related technologies and in particular its cooling water systems will be considered advantageous; -Knowledge of the French ESP/ESPN regulations and practical application will be considered advantageous. -Experience in field installation supervision of plant static and rotating equipment. |
| Social skills | <p>Ability to work effectively in a multi-cultural environment</p> <p>Ability to work in a team and to promote team spirit</p> |
| Specific skills | <p>CATIA</p> <p>MS Office standard (Word, Excel, PowerPoint, Outlook)</p> |
| General skills | <ul style="list-style-type: none"> -Good experience in Quality Assurance/Quality Control procedures for the installation, commissioning and operation of mechanical components and piping systems, including safety relevant components; -Project Management experience/knowledge is appreciated; -Experience in reporting progress status; -Experience in liaising with different stakeholders interfaces; - 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. |
| Others | <ul style="list-style-type: none"> -Knowledge of 3D CAD plant software (AVEVA and Catia or Smartplant) is advantageous -Knowledge of MS Office standard (Word, Excel, PowerPoint, Outlook) is required. |
| Languages | English (Fluent) |

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