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JOB DETAIL

Ref. IO1543 - 6/12/2015

Vacuum Line Project Technician VAS-002

Main job	Vacuum technologies
Department	PED / Plant Engineering Department
Division	PED / Fuel Cycle Engineering Division
Section	PED / FCED / Vacuum Section
Job Family	Technician - 3
Application Deadline (MM/DD/YYYY)	06/28/2015
Grade	G4
Direct employment	Required
Purpose	<p>To provide technical support for the completion of the design of ITER vacuum systems being procured through direct ITER Organization (IO) and Domestic Agencies (DAs) procurements.</p> <p>To support engineering activities for the pre-manufacture and subsequent installation of ITER vacuum systems.</p> <p>To participate in the development and updating of installation procedures required for the installation of vacuum equipment / systems.</p> <p>To support the development of commissioning procedures and documentation required for the startup of ITER Vacuum Systems.</p>
Main duties / Responsibilities	<p>Provides technical support in the design, installation and subsequent commissioning of ITER vacuum pipework systems;</p> <p>Supports the preparation of technical specifications for procurement of vacuum pipework systems;</p> <p>Supports the coordination of the vacuum pipework system design and engineering activities between the IO and DAs;</p> <p>Participates in the technical assessment of replies to call for tenders for the procurement of vacuum pipework systems;</p> <p>Prepares technical reports required under the scope of vacuum pipework procurement contracts;</p> <p>Provides technical support for the procurement and installation contracts reviewing technical documentation;</p> <p>Develops installation sequences and supports the preparation of construction work packages required for the installation of vacuum pipework systems;</p> <p>Participates in the follow-up on the weld design and qualification for vacuum pipework systems;</p> <p>Supports the follow-up of contracts for the supply and installation of vacuum systems;</p> <p>Ensures the first quality control level of Contractor installation procedures for the installation of vacuum equipment;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>May be requested to belong to any project team dealing with above activities and perform other duties upon management request;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to the Vacuum Section Leader;</p> <p>Acts as an interface between IO and DA Responsible Officers for systems with interfaces with Vacuum.</p> <p>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</p>

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	issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.
Measures of effectiveness	Participates efficiently in the development of specific vacuum system commissioning procedures to meet project schedules; Proposes installation plans to meet project schedules which respect constraints; Effectively identifies risks to cost and schedule in a timely manner to avoid schedule slip and cost increase; Demonstrates the ability to make critical assessments of complex construction sequences.
	Project Construction Phase
Level of study	Bachelor or equivalent degree
Diploma	engineering field or other relevant discipline
Level of experience	At least 5 years
Technical experience/knowledge	Know-How: Knowledge of weld design and techniques; Ability to analyze complex installation procedures; Ability to identify and alert management on both technical and schedule risks.  Technical experience: At least 5 years engineering experience in industry or on large complex construction projects At least 2 years' experience in mechanical engineering related to vacuum preferably linked to large vacuum pipework systems; Experience with design and manufacture codes.
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)
Others	Social skills: Ability to work autonomously; Ability to promote a project and safety culture.  Computer and IT skills: Computer literate and confident with Microsoft Pack Office applications; Experience with CAD applications on diagrams and drawings (P&ID, 3D layout, isometrics) would be an advantage.
Languages	English (Fluent)