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JOB DETAIL

Ref. IO1618 - 12/17/2015

Plant Systems Const. & Integration Eng. - CIO-044

Main job	Mechanics
Department	CIO/ Central Integration Office
Division	CIO / Design Integration Section/Division
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	01/17/2016
Grade	P2
Direct employment	Not required
Purpose	<p>To oversee the design integration of the plant systems in the Tokamak Complex building with all interfaces; To support the Tokamak and Diagnostic buildings Area Manager for all tasks related to plant integration and construction in the Tokamak and Diagnostic Building; To coordinate with the Area Manager the construction phase of the nuclear buildings and the plant systems installation. To ensure the coherency in the configuration of the plant layout considering all requirements.</p> <ul style="list-style-type: none">• Maintains the plant configuration baseline of all systems in Tokamak- & Diagnostic buildings prior to construction and during the construction of the buildings and the plant systems• Prepares and follow-up the Design Integration Review meetings through associated Actions;• Implements safety requirements in close collaboration with the Safety Department;
Main duties / Responsibilities	<ul style="list-style-type: none">• Interfaces with all plant systems Responsible Officers (ROs) for resolving of Project Change Requests, System Deviation Request, Field Change Requests and Non-Conformity Requests;• Defines the installation sequence of the plant systems with the Engineering Departments on the basis of Construction Process Description documents;• Contributes to the control of the configuration during the construction phase of the building structure and plant systems installation as a support to the Area Manager;• Monitors and controls the construction of plant systems in accordance to interface definition and functional tolerance requirements;• Ensures consistency between Process Flow Diagram/ Process and Instrumentation diagrams and system layout reference configuration models;• Performs other duties in support of the project schedule as described in the Detailed Work Schedule or Strategic Management Plan;• May be requested to be part of any of the project team dealing with the above activities and performs other duties upon management request;• Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. <ul style="list-style-type: none">• Under the coordination of the Area Manager for Tokamak & Diagnostic building, reports to the Design Integration Section / Division Head;• Interfaces closely with the Construction Department, Plant Engineering and Tokamak Departments and Building Project Team, to ensure interface and requirements consistency;• Interacts with the technical responsible persons for the

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	<p>systems within IO and Domestic Agencies for all matters relating to plant integration;</p> <ul style="list-style-type: none">• In response to requests from the Director-General and/or Integration Office (CIO) Head, or proactively, informs the DG/CIO 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	<ul style="list-style-type: none">• Develops/reviews of Construction Process Description documents compliant with Assembly processes and requirements;• Reviews and completes Construction work packages in an exhaustive manner with respect to interface definition;• Enhances in an exhaustive manner the definition of the plant configuration in Tokamak- & Diagnostic building;• Manages and resolves interface issues following Project Change Requests, System Deviation Requests, Non-Conformity Reports and Field Change Requests during the whole construction and commissioning phase of the Tokamak Complex buildings.
	Project Construction Phase
Level of study	Master or equivalent degree
Diploma	Mechanical engineering or other related discipline
Level of experience	At least 5 years
Technical experience/knowledge	<p>At least 5 years' experience covering the majority of following topics:</p> <ul style="list-style-type: none">o Experience in design integration of plant systems;o Knowledge of plant systems layouts in nuclear buildings;o Knowledge about Configuration Control in nuclear projects;o Knowledge in the management of concrete building interfaces with plant systems;o Experience in construction of plant systems
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>
General skills	<p>Excellent capability to interact with experts from different disciplines;</p> <p>Organizational skills and autonomy for his/her of responsibility;</p>
Others	<ul style="list-style-type: none">- Good knowledge of CATIA V5 and the ENOVIA database is an advantage;- Excellent knowledge of the Microsoft Office package.
Languages	English (Fluent)

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