

IO1618 Plant Systems Const. & Integration Eng. - CIO-044

General information

Job category	Standard
Status	Published
Department	CIO/ Central Integration Office
Division	CIO / Design Integration Section/Division

Job description

Main job	Engineering - Mechanics
Title of the position	Plant Systems Const. & Integration Eng. - CIO-044
Job family	Engineer - 1
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;</p> <p>To support the Tokamak and Diagnostic buildings Area Manager for all tasks related to plant integration and construction in the Tokamak and Diagnostic Building;</p> <p>To coordinate with the Area Manager the construction phase of the nuclear buildings and the plant systems installation.</p> <p>To ensure the coherency in the configuration of the plant layout considering all requirements.</p>
Main duties / Responsibilities	<p>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</p> <p>Prepares and follow-up the Design Integration Review meetings through associated Actions;</p> <p>Implements safety requirements in close collaboration with the Safety Department;</p> <p>Interfaces with all plant systems Responsible Officers (ROs) for resolving of Project Change Requests, System Deviation Request, Field Change Requests and Non-Conformity Requests;</p> <p>Defines the installation sequence of the plant systems with the Engineering Departments on the basis of Construction Process Description documents;</p> <p>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;</p> <p>Monitors and controls the construction of plant systems in accordance to interface definition and functional tolerance requirements;</p> <p>Ensures consistency between Process Flow Diagram/ Process and Instrumentation diagrams and system layout reference configuration models;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule or Strategic Management Plan;</p> <p>May be requested to be part of any of the project team dealing with the above activities and performs 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>Under the coordination of the Area Manager for Tokamak & Diagnostic building, reports to the Design Integration Section / Division Head;</p> <p>Interfaces closely with the Construction Department, Plant Engineering and Tokamak Departments and Building Project Team, to ensure interface and requirements consistency;</p> <p>Interacts with the technical responsible persons for the systems within IO and Domestic Agencies for all matters relating to plant integration;</p> <p>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.</p> <p>Develops/reviews of Construction Process Description documents compliant with Assembly processes and requirements;</p> <p>Reviews and completes Construction work packages in an exhaustive manner with respect to interface definition;</p>

Measures of effectiveness	<p>Enhances in an exhaustive manner the definition of the plant configuration in Tokamak- & Diagnostic building;</p> <p>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.</p> <p>Project Construction Phase</p>
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Applicant criteria

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	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Excellent capability to interact with experts from different disciplines; Organizational skills and autonomy for his/her of responsibility;
Languages	English (Fluent)
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.