



the way to new energy

china eu india japan korea russia usa

## JOB DETAIL

Ref. IO2028 - 10/23/2018

### Design Integration Configuration Manager (CIO-112)

<b>Main job</b>	Design
<b>Department</b>	CIO/ Central Integration Office
<b>Division</b>	CIO / Design & Construction Integration Division
<b>Section</b>	CIO / DCIN / Design Integration Section
<b>Job Family</b>	Coordinating Engineer
<b>Application Deadline (MM/DD/YYYY)</b>	12/09/2018
<b>Grade</b>	P4
<b>Direct employment</b>	Not required
<b>Purpose</b>	<p>To coordinate the integrated and construction-specific overall technical configuration for systems, sub systems and components for the Tokamak , the tokamak complex buildings to an optimized layout compliant with the final design through as-built layouts;</p> <p>To manage the configuration of the whole set of mechanical / electrical / I&amp;C (Instrumentations and Controls) systems within the scope of Design Integration &amp; Construction Division's responsibilities, providing a fully integrated configuration ensuring that all transverse functions per area and related safety &amp; technical requirements are met;</p> <p>To coordinate associated design activities and to coordinate resource needs for the management and control of the plant systems configuration.</p> <p>Verifies the system's and sub-system's layout compliance with respect to project requirements, taking care of both functional and physical interfaces as well as of transverse functions and events requirements as per the French safety Authority Licensing Design Basis and the Policy for Investment Protection;</p> <p>Ensures the configuration control of the overall layout drawings and 3D Configuration Models by managing the assessment and disposition of Project Changes Requests (PCR), Field Change Requests (FCR), Deviation Requests (DR), and Non-Conformance Requests (NCR), ensuring the prompt implementation of required changes in design layout and in installation sequences according to the basis of authorized costs / benefits analysis;</p>
<b>Main duties / Responsibilities</b>	<p>Coordinates the production of 3D Configuration Management Models and manages the configuration of structures, systems and components (SSC) in the areas of the ITER Tokamak and buildings throughout the design, construction &amp; installation phases involving the responsible and technical officers from both ITER Organization Central-Team (IO-CT), Holistic Integration Team (HIT) with Domestic Agencies (DAs) according to the ITER Design Control procedures;</p> <p>Coordinates the actions to resolve and freeze any interface issues between systems and ensures that the interface documents are up to date and properly controlled as per the Quality Assurance Program;</p> <p>Assesses the status and maturity of Plant systems within the area of the Tokamak Complex;</p> <p>Plans and manages Design Integration Reviews (DIR) and Model Approval Meetings to monitor and ensure the resolution of interface issues and actions raised, in terms of Licensing Design Basis requirements, transverse functions and requirements, installation and maintenance;</p> <p>On the basis of defined transverse requirements and from a scheduling perspective, actively manages the implementation of integrated design solutions in the area of the Tokamak complex, by liaising with all IO responsible officers in charge of the procurement and installation of systems;</p> <p>Actively participates in system design reviews as organized by plant System PBS responsible officers;</p> <p>May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics;</p> <p>Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain.</p>
<b>Measures of effectiveness</b>	<p>Reports to the Design Integration Section Leader;</p> <p>In response to requests from the Director-General and/or Central Integration Office (CIO) Head, or proactively,</p>

My space



See jobs

My job alert

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.

Adheres to the design and construction schedule within the aforementioned scope;  
 Timely and accurately implements and takes control of the changes affecting the layout of plant systems within the aforementioned scope;  
 Timely and accurately reports on the status of the overall configuration by producing relevant documentation to a high standard;  
 Develops and maintains continuous and efficient interfaces with the centralized construction department and in-field engineering staff involved on the worksites under the responsibility of the Design & Construction Integration Division.

<b>Level of study</b>	Master or equivalent degree
<b>Diploma</b>	nuclear/mechanical/electrical or civil engineering
<b>Level of experience</b>	At least 10 years
<b>Technical experience/knowledge</b>	<p>Good knowledge of nuclear engineering and at least basic knowledge of mechanical, electrical and civil disciplines;            A certificate/qualification in Project Management is desirable.</p> <p>At least 10 years' experience in the design, procurement and installation of complex systems, structure or components;            Good experience in large nuclear installations design , service and erection management;            Proven experience in the coordination of both design and construction teams;            Proven experience in project management, monitoring the status of a project and generating suitable reports on the work.</p>
<b>Specific skills</b>	<p>Computer Aided Design            MS Office professional (Access, Project, Publisher, Visio )            MS Office standard (Word, Excel, PowerPoint, Outlook)</p>
<b>General skills</b>	<p>Proactive attitude in identifying and resolving layout issues and the ability to make decisions under pressure;            Ability to dialogue with a wide variety of contributors and stakeholders;            Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;            Ability to persist in the face of challenges to meet deadlines with high standards;            Ability to gather multiple and diverse sources of information to understand problems accurately before moving to proposals;            Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.</p>
<b>Languages</b>	English (Fluent)

[Back](#)

[Apply](#)

[Send to a friend](#)

[Print offer](#)