

Job Title: Configuration Management Division Head IO0128

Requisition ID **4341** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Managerial** - **New Posting**

The ITER Organization brings together people from all over the world to be part of a thrilling human adventure in southern France—building the ITER Tokamak. We require the best people in every domain.

We offer challenging full-time assignments in a wide range of areas and encourage applications from candidates with all levels of experience, from recent graduates to experienced professionals. Applications from under-represented ITER Members and from female candidates are strongly encouraged as the ITER Organization supports diversity and gender equality in the workplace.

Our working environment is truly multi-cultural, with 29 different nationalities represented among staff. The ITER Organization Code of Conduct gives guidance in matters of professional ethics to all staff and serves as a reference for the public with regards to the standards of conduct that third parties are entitled to expect when dealing with the ITER Organization.

The south of France is blessed with a very privileged living environment and a mild and sunny climate. The ITER Project is based in Saint Paul-lez-Durance, located between the southern Alps and the Mediterranean Sea—an area offering every conceivable sporting, leisure, and cultural opportunity.

To see why ITER is a great place to work, please look at this video

Application deadline: 22/08/2021

Domain: Engineering

Department: Central Integration Office

Division: Configuration Management

Job Family: Line Management

Job Role: Head of Division

Job Grade: D1

Language requirements: Fluent in English (written & spoken)

Contract duration: Up to 5 years

Purpose

As the Configuration Management Division (CMD) Head, you will manage the activities of the Division and its staff within the Central Integration Office (CIO);

You will supervise and be responsible for processes related to design control (including design plans, change control, design progress/maturity assessment), the configuration management, documents & records control and oversee their implementation;

You will also support the Head of the CIO in all matters related to the management of the project configuration.

Background

The Central Integration Office (CIO), as delegated Design Authority and Integrator of the whole ITER Plant that is a nuclear installation, is responsible to the overall coherence of functional and safety performances of the Project.

Major Duties/Roles & Responsibilities

- Supervises staff, coordinates and supports the activities of CMD;
- Provides effective leadership for the Division ensuring team members are motivated and constantly developing their skills and experience, and manages the resourcing plan;
- Establishes and maintains processes, procedures and tools/systems required for the design control, configuration management, documents & records, items identification and control and quality control;
- Coordinates, at the project level, the assessment of the design status, the implementation of the design control, which include design plan preparation, design input control, design verification,

- design change control and design interface control and for monitoring;
- Effectively manages interfaces and collaborates with other units to streamlines and oversees the implementation of the configuration management process with the aim of providing all personnel involved in the project with a reference source of validated design information and allowing fast decision making;
- Provides necessary relevant information and support to the Engineering Domain Head (ENGN Head) for the management of the Configuration Control Board;
- Guarantees that configuration management tools provided can integrate the engineering data, documents and models and for establishing a Product Lifecycle Management (PLM) system at the project level for construction, commissioning and operation phases;
- Streamlines all processes for documents and records control system for the whole Project, and proposes and implements the associated tools;
- Coordinates and implements Quality Assurance (QA) and Quality Control (QC) requirements for procured items and engineering services requested mainly by the Engineering Domain;
- Oversees training completed and guidance provided to the IO technical staff for all above-mentioned processes;
- Assists ENGN Head and CIO Head in developing and implementing ITER Design Authority System (IDeA);
- Shows strong commitment to the ITER Safety Program and enforces it through individual behavior and in his/her organization;
- Executes and delivers the baseline for scope, budget and schedule of the systems in the Division;
- Builds and maintains effective relationship with Domestic Agencies and internal and major external stakeholders for the matter of their competence;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays.

Measures of Effectiveness

- Builds up the Division and manages it effectively, supporting efficiently the Office Head;
- Ensures that the Division deliverables meet safety standards, quality, schedule and cost requirements;
- Successfully responds to emerged or revised project demands due to the project progress and/or a change of the project environment;
- Establishes a collaborative attitude and effective communication within the Division, with all interfacing ITER organizations, and with the Domestic Agencies;
- Successfully generates and maintains trustworthy, up-to-date information related to the machine's technical scope;
- Develops processes, procedures and tools/systems required for the design control, configuration management, documents and records and quality control within the defined schedule and costs;
- Responsible for implementation of safety nuclear regulation and other safety standards of the Division's work.

Experience & Profile

- **Professional experience:**
 - At least 15 years' experience in the design, construction, systems engineering and integration of nuclear projects.
- **Education:**
 - At least Master's degree or equivalent in engineering field or other related discipline;
 - The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains.
- **Language requirements:**
 - Fluent in English (written and spoken).

- ***Technical Competencies and demonstrated experience in:***

- Design control and/or configuration management processes and implementation in a nuclear plant engineering project or equivalent projects including the application of systems engineering process;
- Technical Expertise:
 - Being recognized internationally as a Subject Matter Expert, and ability to manage interfaces and review the scope of the specific area with objective to optimize exploitation of large fusion projects or devices, to anticipate technical issues or problems drawing experience and expertise, and to ensure the nuclear safety regulations and quality requirements;
 - Nuclear plant requirements and basic design and design control scheme;
 - Nuclear safety regulations, codes and standards, and QC & QA programs, especially the design control and configuration management processes and implementation;
- Team supervision and management, providing leadership and ensuring development of competencies, coaching the team members and proposing a training plan;
- Project Management: Ability to define reporting and control requirements and methodology, analyze and conclude on overall project status, define and decide actions for recovery with full transparency within the IO, and report to highest levels of stakeholders of the ITER Project;
- General knowledge of ITER design and tokamak fusion system design is considered as advantageous;
- IT skills consistent with managing a complex developmental project.

- ***Behavioral Competencies:***

- Collaborate: Ability to facilitate dialogue with a wide variety of contributors and stakeholders;
- Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;
- Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;
- Manage Complexity: Ability to analyze multiple and diverse sources of information to understand/define problems accurately before moving to proposals;
- Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.

The following important information shall apply to all jobs at ITER Organization:

- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct;
- ITER Core technical competencies of 1) Nuclear Safety, environment, radioprotection and pressured equipment 2) Occupational Health, safety & security 3) Quality assurance processes. Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members;
- Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
- May be requested to work on beryllium-containing components. In this case, you will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Training and support will be provided by the ITER Organization;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- Informs the IO Director-General, Domain Head, or Department/Office Head of any important and urgent issues that cannot be handled by line management and that may jeopardize the achievement of the Project's objectives.