

Job Title: Commissioning & Operations Readiness Section Leader IO1032

Requisition ID **4941** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Machine Operations - 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: 02/01/2022

Domain: Science & Operation

Department: Science, Controls & Operation

Division: Operations

Section: Commissioning & Operations Readiness Section

Job Family: Line Management and Group Leaders

Job Role: Section Leader

Job Grade: P5

Language requirements: Fluent in English (written & spoken)

Contract duration: Up to 5 years

Purpose

As the Commissioning and Operations Readiness (COR) Section Leader, you will lead all activities leading to the operation and readiness of the associated systems. This will include managing interfaces, system commissioning, operations planning and transmission to operation for all ITER plant systems.

Background information:

The Operations Division is responsible for developing plans, procedures and for implementation of commissioning, operation and maintenance of the ITER Tokamak and plant systems.

Key Duties, Scope, and Level of Accountability

- Supervises and directs task assignments, budget planning and execution, follow-up and scheduling of the COR Section's activities;
- Manages the COR staff, providing an effective leadership for the Section ensuring team members are motivated and constantly developing their skills and experience;
- Organizes collaboration between Engineering and Construction Departments to facilitate turnover and commissioning of the ITER systems;
- Prepares and executes the detailed plan for Integrated Commissioning, First Plasma, and Engineering Commissioning, including operation of the magnet systems up to full specifications;
- Manages the turnover processes for all piece of equipment, systems, buildings and structures to the operation division of ITER;
- Manages operational readiness by ensuring the coordination and execution of system commissioning and transition to operation for all ITER plant systems;
- Facilitates training of shift operations managers and shift technicians, including development of an ITER Plant Simulator in collaboration with other stakeholders in the Department;
- Manages and monitors contracts supporting the activities of the Section;
- 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.

Measure of Effectiveness

- Demonstrates efficient leadership in supervising staff of the section and developing their competencies;
- Proactively supports the Operations Division Head in preparing ITER operations, in particular, for the defined scope of activities;
- Manages efficiently the development of plans, procedures, and work instructions to commission and operate the ITER facility;
- Oversees efficiently the development of the ITER Plant Simulator and makes sure it is in compliance with schedule and cost;
- Establishes productive collaborations with others departments and section in order to integrate best experience in preparation for operation of the ITER facility;
- Takes proactive actions to anticipate issues during commissioning and transition to operation, and develops corrective solutions;
- Delivers systems to operation within the defined quality, cost and schedule;
- Responsible for Section deliverables that meet safety standards, quality schedule and cost requirements;
- Ensures that ITER Project Specifications and Project Requirements related to operations are properly understood and implemented in the operations technical baseline and technical procedures.

Experience & Profile

- **Professional experience:**
 - Minimum 10 years' experience in managing facility commissioning and operations involving cryogenic fluids, high-pressure water, high vacuum, and high voltage electrical systems within complex international environments or projects.
- **Education:**

- Master's degree or equivalent in Science, Engineering or other relevant 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:**
 - **Team Building and Management:** providing leadership, work direction and ensuring development of competencies for a multicultural team, including coaching team members and proposing effective training plans;
 - **Engineering management/coordination of activities:** , including interactions with experts of different technical disciplines, preferably in a nuclear industry environment (research facility or fusion environment will be considered a strong advantage);
 - **Interface Management:** propagation of requirements in terms of the operation and proof of compliance.
 - **Commissioning, Delivery & Operations Execution:** Execute tasks with consistency whilst adapting to a changing context;
 - **Project Management:** Ability to define reporting and control requirements, analyze and conclude on overall project status, define and decide actions for recovery with full transparency and report to highest levels of stakeholders of the ITER 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.