Job Title: Commissioning & Operations Mgt Officer IO0889

Requisition ID **6383** - 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: 24/07/2022
Domain: Science & Operation Domain
Department: Science, Controls & Operation Department
Division: Operations Division
Section: Commissioning & Op. Readiness Section
Job Family: Commissioning & Operations
Job Role: Operations Coordinator – 2
Job Grade: P3
Language requirements: Fluent in English (written & spoken)
Contract duration: Up to 5 years

Purpose

As a Commissioning and Operations Management Officer, you will be responsible for setting the timeline in preparation for commissioning cryogenic fluids, high-pressure water and high vacuum systems, then overseeing the commissioning process, providing solutions and optimizations when necessary. Following commissioning, you will be responsible for preparation for acceptance and operation of the system. You will work closely with engineering teams on site and the design office, in addition to external stakeholders.

Background

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

Major Duties/Roles & Responsibilities

- Coordinates the preparation and planning of commissioning for cryogenic fluids, high-pressure water and high vacuum systems, interfacing with construction and engineering departments;
- Develops and reviews system commissioning plans and test procedures, in collaboration with system and discipline specialists, to ensure they are compliant with ITER standards, quality and safety

requirements and are integrated in the overall commissioning program;
- Supports commissioning engineers in the development of system commissioning plans and test procedures;
- Participates as required in walk-downs and mechanical completion reviews;
- Coordinates the turnover of systems from construction to commissioning;
- Reviews and monitors the performance of commissioning and reports on progress, and solves technical issues;
- Coordinates interfaces with commissioning engineers, construction and operations teams to ensure the implementation of the plan and strategy for the system commissioning and operation;
- Coordinates transition of operation to routine control room activities;
- 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, week-ends and public holidays.

Measure of Effectiveness

- Proactively ensures the development of commissioning and operations plans and schedules;
- Ensures that the commissioning activities progress is in line with the baseline schedule, quality and cost;
- Produces clear documentation, plans and test procedures, and maintains them up to date;
- Contributes to effective and timely treatment of issues as they arise during commissioning.

Experience & Profile

- ***Professional Experience:***
  - Minimum 8 years' of technical experience in project management for the testing, commissioning, and operation of cryogenic fluids, high-pressure water and high vacuum systems in a large industrial facility within complex international environments or projects.
- ***Education:***
  - Master's Degree or equivalent in engineering, physics or related fields;
  - 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:***
  - Specialized Domains of Expertise: Commissioning and Operations for cryogenic fluids, high-pressure water and high vacuum systems/areas;
  - Project Management: Planning, measuring progress of work, managing risk/costs for complex systems;
  - Schedule Management: Developing, executing, monitoring commissioning and operations activities in line with the schedule;
  - Quality Control: Verifying the compliance of I&C within nuclear industry with all applicable requirements;
  - Tokamak operation would be considered as an advantage;
  - System commissioning and operational experience in the fusion facility would be considered as an advantage;
  - Basic nuclear and occupational safety rules and security aspects (access, radiation protection, dose limits, etc.) would be considered as an advantage.
- ***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 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.