

# Job Title: In-Vessel Assembly Group Leader IO0539

Requisition ID **6340** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Engineering of Systems - 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:** 10/07/2022

**Domain:** Construction Domain

**Department:** Machine Construction Department

**Division:** Sector Modules Delivery & Ass. Division

**Group:** In-Vessel Assembly

**Job Family:** Line Management and Group Leaders

**Job Role:** Group Leader

**Job Grade:** P4

**Language requirements:** Fluent in English (written & spoken)

**Contract duration:** Up to 5 years

## **Purpose**

---

As a Group Leader, you will manage the development of the assembly processes, preparation of the schedule, cost, specifications, and manage contracts, in addition to the surveillance of the site assembly of sector modules that are sub-assembled with the Vacuum Vessel, Thermal shield and Toroidal Field Coils as a main scope of the group.

## **Background**

The assembly of ITER project is progressing in the assembly hall and tokamak pit for tokamak construction. The group leader will lead assembly activities in the site for the sector modules. The assembly activities are managed by several engineers related to components and assembly, which will be integrated and managed by the group leader.

## **Key Duties, Scope, and Level of Accountability**

---

- Manages the Group's members and the activities under the responsibility of the In-Vessel Assembly Group for site surveillance, assembly, testing and commissioning of the sector modules;
- Provides effective leadership for the Group, ensuring team members are motivated and consistently developing their skills and experience;

- Is responsible for the budget management of the Group;
- Manages site assembly, paying particular attention to safety, quality, and integration of activities at site, including with contractors/external stakeholders;
- Manages schedule and resource forecasts to ensure optimized resources for the development of Tokamak Assembly Engineering work packages;
- Performs the surveillance of construction work execution, anticipating and managing the resolution of issues;
- Manages required documents for assembly activities until completion of assembly;
- Prepares documents and process of dossiers for completion reports including supporting for nuclear licensing;
- Supports for the site-assembling the Vacuum Vessel and Port Structures;
- 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**

---

- Effectively leads and coordinates the group for the In-Vessel Assembly Group;
- Elaborates, maintains and implements the Assembly Plan for the sector modules;
- Effectively manages the Vacuum Vessel assembly activities to satisfy quality, schedule and cost;
- Manages coherent and comprehensive documentation;
- Ensures compliance with the applicable French Orders, Decrees, Directives, and Codes and Standards;
- Maintains effective communication within the ITER Organization and with partner organizations.

### **Experience & Profile**

---

- **Professional Experience:**
  - Minimum 10 years' experience in coordinating/supervising site assembly of large, complex mechanical systems in the field of nuclear installations within complex international environments or projects.
- **Education:**
  - Master's degree or equivalent in Mechanical Engineering or other relevant discipline;
  - A specialization in heavy mechanical or nuclear assembly would be considered as an advantage;
  - 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:**
  - Management of Construction and Engineering: Manage on-site plant assembly/installation strategies and engineering solutions within a reasonable time and cost;
  - High-quality welding processes, and knowledge of the associated Non-Destructive Examination techniques, including vacuum leak testing;
  - Nuclear & construction Codes and Standards: RCC-MR, French Quality Order and applicable EU Directives (including PED, ESPN, and Machinery Directive would be advantageous);
  - Procurement and contract management: defines requirements, performs sourcing activities, monitors contract delivery, and manages external parties to ensure implementation per contractual requirements;
  - Project management: planning, measuring progress, managing risks and costs, and reporting on progress of initiatives within defined human and financial constraints;
  - Leading multi-disciplinary international teams and interacting with high level stakeholders, host authority and experts in different construction and engineering disciplines;

- Problem solving; assess problems, identify root causes, and reach solutions in a way to reach project objectives within time and cost;
  - Presentation writing: write, review, and present technical documents in the domain of expertise, transmitting knowledge and data with precision;
  - Practical application of Quality Assurance systems ;
  - Fusion related technologies, such as Ultra High Vacuum (UHV) is desirable;
  - CAD, structural analysis and PLM software would be 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.