

Job Title: Division Head, Design Office IO0132

Requisition ID **6681** - 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: 18/12/2022

Domain: Engineering Domain

Division: Design Office Division

Job Family: Line Management and Group Leaders

Job Role: Head of Division

Job Grade: D1

Language requirements: Fluent in English (written & spoken)

Contract duration: Up to 5 years

Purpose

As the Head of Division for the Design Office, you will be responsible for managing the Section Leaders and staff to ensure a high degree of motivation, define personal development plans, resolve conflicts, and identify resource needs and to instill trust and common behavior among the staff.

As Head of Division, the role includes the key function of managing mechanical and plant engineering design, and Computer Aided Design (CAD) resource management including CAD system maintenance / updates and training throughout the project.

Background:

Together with the Central Integration Office, the Design Office (DO) has the responsibility of supporting the design authority of the whole ITER project, as well as the nuclear operator. Within the Design Office Division are two sections, the CAD Activities Section and the CAD Infrastructure Section.

Key Duties, Scope, and Level of Accountability

- Provides leadership in safety, upholding the safety culture at all levels;
- Coordinates and collaborates with the Section Leaders and Staff members to ensure completion of design in line with safety, quality, design, schedule and cost requirements and standards;
- Provides effective leadership for the Division, ensuring that team members are motivated and constantly developing their skills and experience, and manages the resourcing plan;
- Manages the DO including all CAD resources: internal & external, to ensure an efficient CAD service based on project priority and quality of preparation;
- Assures engineering support resources in mechanical and plant engineering areas;

- Oversees and monitors the CAD infrastructure (processes, procedures, software, catalogues) development, maintenance and update;
- Ensures the CAD data-base integrity (consistency, context branch) & quality;
- Supports the implementation of a PLM system and collaborates with Project Control Office (PCO) in assuring work delivery consistent with the budget of the Division;
- 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

- Successfully builds-up and manages the team to fulfill the functions as described above and maximizes human capital/people's commitment to achieving the DO goals;
- Assures that DO's goals are achieved in a timely and effective manner, which meets CAD quality, cost and schedule targets;
- Builds and maintains effective relationships with Domestic Agencies and internal and major external stakeholders ;
- Successfully generates and maintains trustworthy, up-to-date information related to the machine's technical scope, including effective management of geometrical interface issues;
- Ensures the DO provides an efficient and high quality service to all Project stakeholders;
- Responsible for Division deliverables that meet safety standards, quality schedule and cost requirements;
- Responsible for implementation of safety nuclear regulation and other safety standards of the Division's work.

Experience & Profile

- **Professional Experience:**
 - Minimum 15 years' experience in the supervision of design engineers and/or CAD operators.
- **Education:**
 - Master degree or equivalent in Mechanical engineering or equivalent;
 - 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:**
 - Advanced mechanical design of complex structures
 - Design production & CAD Infrastructure: Oversight of 3D and 2D CAD model development and software deployment in the context of complex engineering projects;
 - Producing high quality results which have stood the test of being manufactured successfully;
 - Managing teams and providing effective leadership; motivating and developing staffs' competencies;
 - Project management involving conceptual & detailed design, integration, testing, manufacturing and assembly;
 - Experience in the field of nuclear projects would be advantageous.
- **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.
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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.