

## Job Title: Environmental Protection Engineer IO0072

Requisition ID **7148** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Safety and Security - 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.

ITER Organization (IO) is an Equal Opportunity/Inclusive organization committed to diversity in the workplace, with diversity and Inclusiveness being one of the ITER Values.

As IO attracts and retains people coming from a vast array of different backgrounds and cultures, bias and exclusion cannot be tolerated. IO believes it is our diverse perspectives and backgrounds that gives unique strength and value to the ITER mission, regardless of race, member nation, gender, religion, status, sexual orientation, or disability - all are welcome and respected at ITER.

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:** 12/11/2023

**Department:** Safety & Quality Department

**Division:** Nuclear Safety Division

**Group:** Radiation Safety & Environment

**Job Family:** Project Support

**Job Role:** Radiation Safety & Environment Group

**Job Grade:** P3

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

**Contract Duration:** Up to 5 years

### **Purpose**

As ITER's Environmental Protection (EP) Engineer, you will be responsible for monitoring and updating environmental regulations to be applied by ITER. You will provide environment analysis, and advise ITER stakeholders to ensure that EP requirements are considered in their activities. You will contribute to the development of the management of quality procedures, in addition to performing audit and inspections as required.

### **Background**

*The Radiation Safety & Environment (RSE) Group is part of the IO Nuclear Safety Division within the Safety & Quality Department. This group is in charge of the radiation protection and safety of the workers and the public as well as coordinating the ITER Environment Protection activities.*

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

- Observes, identifies, and complies with the legal and regulatory requirements related to the environmental protection applicable to the ITER project (ASN, DREAL);
- Coordinates and performs the EP activities for environmental important components (PIC/EIC) based on the French Nuclear Safety Authorities requirements, which are including: Identification and status assessment of PIC/EIC, development of PIC/EIC justification reports with stakeholders, review of PIC/EIC documents, and surveillance on this PIA activity;
- Supervises the implementation of environmental regulation on site through environmental inspections and audits that will be formalized with surveillance plans and reports;
- Contributes to development of the Management Quality Process on EP by proposing the strategy and relevant documents (e.g. EP procedures, instructions, reports);
- Propagates the EP culture within the IO, Domestic Agencies (DAs) and their contractors working on ITER site by effective means such as EP campaigns, trainings, instructions, or participating upon request in EP coordination meetings;
- Participates as required to design, construction and commissioning reviews by providing guidance on EP considerations to other stakeholders from IO departments;
- Supports the development of an environmental management system following ISO 14001 and its implementation for continuous improvement;
- Supports the Nuclear Safety division regarding all documents concerning Environment Protection;
- May be requested to perform other duties in support of the project;
- May be required to work outside the ITER Organization (IO) reference working hours, including nights, week-ends and public holidays.

### Measure of Effectiveness

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- Provides effective support and accurate advice for activities related to EP to all stakeholders;
- Executes the required tasks in concertation in a timely manner, including on-schedule production, review and approval of EP documentation;
- Effectively communicates and collaborates with all IO and DA stakeholders to ensure smooth execution of the required tasks.

### Experience & Profile

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- **Professional Experience:**
  - Minimum 8 years' experience in Environmental Protection management within a nuclear or chemical worksite environment.
- **Education:**
  - Master's degree or equivalent in Environmental Engineering, Science or other Engineering;
  - 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 experienced in:**
  - Relevant regulations and requirements, and of national (French), preferably international Environment Protection standards and recommendations;
  - Process documents, performing audits and writing reports;
  - EP in nuclear or chemical worksite would be an asset.
  - Supporting and advising other stakeholders on chemical activities on site including assembly, maintenance, decontamination or decommissioning activities;
  - Working with the ASN, DREAL or DIRECCTE would be advantageous;
  - Creating and promoting an Environmental Protection culture.
- **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 and define problems accurately before moving to proposals and solutions.

- Instill trust: Ability to apply and model 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 (Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members) :
  - 1) Nuclear Safety, Environment, Radioprotection and Pressured Equipment
  - 2) Occupational Health, Safety & Security
  - 3) Quality Assurance Processes
- 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 or Department 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.
- For staff expected to perform on-call, shift hours, or other work outside ITER Organization reference working hours, including nights, weekends, and public holidays, the possession of a driving license valid in France is required. No commuting vehicle will be provided by the ITER Organization.