

## Hot Cell Integration Technical Engineer

CEP-112

<b>Reports to Line Manager:</b>	Hot Cell & Radwaste Services Integration Section Leader, Plant Engineering Division, CEP Support Department	<b>Job Code:</b>	CEP-112
<b>Direct Employment:</b>	Required	<b>Grade:</b>	G4

### Purpose

The Hot Cell Integration technical Engineer will provide substantially support the integration of the ITER Hot Cell & Radwaste Facilities. The function of the Hot Cell & Radwaste Facilities is to provide a nuclear environment for processing, repairing, testing and disposing of activated components and the waste removed mainly from the ITER Tokamak Complex. These two facilities will comprise a range of dedicated workstations and services and their design requires therefore an excellent and on time integration work.

china

eu

india

japan

korea

ruusia

usa

### Major Duties/Responsibilities

- Provides technical support for establishing and maintaining configuration control models, general layouts, allocation drawings and configuration control lists of services and systems;
- Contributes to formalizing and documenting the integration work, structuring and keeping the design documentation up-to-date (feasibility analyses, design notes...) in a scheme coherent with the ITER project management system and practices;
- Supports the definition and management of interfaces between components and systems, including scheduling constraints;
- Contributes to the preparation of schematic drawings, flow diagrams and all descriptive technical documents that enable the facilities to be designed in minute detail;
- Maintains a strong commitment to the implementation and perpetuation of ITER Safety Program, values and ethics.

### Qualifications and Experience

- **Education:**
  - Degree at least equivalent to 2-4 years of study after the High School Diploma, in a technical field (e.g. Mechanics, Hydraulics, Automation, Robotics) or other related discipline.
- **Technical experience:**
  - Significant experience (at least 8 years) in integration, design, installation and/or assembly of technical projects;
  - Sound understanding of science and technology; basic knowledge of nuclear or other safety related technologies (e.g. chemical) is an advantage.

- ***Social Skills:***
  - Ability to work effectively in a multi-cultural environment;
  - Ability to work in a team and to promote team work.
- ***Language requirements:***
  - Fluent in English (written and spoken).

### **Direct Supervisor and Interfaces**

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- Reports to the Hot Cell & Radwaste Services Integration Section Leader;
- Interfaces with Hot Cell and Low Level Radwaste facilities team, users, designers and civil engineering team in order to support excellent integration on time.

### **Authority / Approval Levels**

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This position has authority and approval levels generally defined by the Hot Cell & Radwaste Services Integration Section Leader for his/her scope of work.

### **Measures of Effectiveness**

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- Successful supports the ITER Hot Cell & Radwaste Services Integration Section Team goals;
- Effectively manages the interfaces including safety issues and users technical requirements;
- Successful supports the preparation of the installation, tests and commissioning plans;
- Successful communicates with other organizations within the ITER collaboration and the fusion community.