

## Hot Cell Facilities Technical Engineer

**CEP-074**

<b>Reports to Line Manager:</b>	Hot Cell & Radwaste Services Integration Section Leader, Central Engineering and Plant Support Department	<b>Job Code:</b>	CEP-074
<b>Direct Employment:</b>	Required	<b>Grade:</b>	G5

### Purpose

The function of the Hot Cell is to provide facilities for processing, repair, testing and disposal of activated components and waste removed from the Tokamak. It will comprise of a range of dedicated facilities and services and therefore requires a technical engineer with a substantial background in nuclear technology within the Section, in order to support an excellent and on-time integration.

Thus, the purpose of this position is: to support many of the activities under the responsibility of the ITER Hot Cell & Radwaste Services Integration Section with practical high nuclear engineering expertise; to contribute to the nuclear requirements for each area of these facilities, for detailed design, procurement, installation and testing in close relation with the Hot Cell team.

china

eu

india

### Major Duties/Responsibilities

japan

korea

russia

usa

- Provides technical support for the layout engineer and the Responsible Officer in the preparation of technical and safety documents;
- Contributes to the preparation of schematic drawings, flow diagrams and all descriptive technical documents that enable to achieve the detailed design of the facilities;
- Provides technical support in the development of procurement specifications and schedules;
- Contributes to the detailed layout of the facilities and to updating the technical and functional description of the rooms in the facilities;
- Contributes to the expertise of users' technical requirements and the integration of construction and safety constraints;
- Contributes to the preparation of programs and schedules to build, test and commission of the facilities;
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

### Qualifications and Experience

- **Education:**
  - Degree at least equivalent to 4 – 6 years of study after the High School Diploma, in the Nuclear Technology or Mechanical Engineering field or other relevant discipline.

- ***Technical experience:***
  - At least 3 to 5 years experience in relevant fission nuclear facilities related to design and/or commissioning and/or operating and/or decommissioning;
  - Good knowledge of nuclear technologies, of nuclear risks and nuclear regulation;
  - Experience working with tritium environments and/or in hot cells, and/or remote handling operations and/or gloves boxes operations would be an advantage;
  - Experience managing procurement contracts would be an advantage.
- ***Project experience:***
  - Basic Project Management experience is required.
- ***People Management experience:***
  - Basic People Management experience would be 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).
- ***Computer and IT skills:***
  - Experience in 2D/3D drawings/models software would be an advantage.

## **Direct Supervisor and Interfaces**

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- Reports to the Hot Cell & Radwaste Services Integration Section Leader;
- Interfaces with the Hot Cell and Low Level Radwaste facilities 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 Section Leader for his/her scope of work.

## **Measures of Effectiveness**

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- Contributes to successful management of interfaces regarding safety constraints and users technical requirements;
- Establishes the baseline layouts and descriptive referential documentation;
- Contributes to the preparation for the installation, tests and commissioning plans.