

<b>TITLE: Hot Cell Facility layout Engineer</b>		<del>CEP-029</del>
<b>REPORTS TO LINE MANAGER:</b> Leader of Hot Cell & Radwaste Services Integration Section, Central Engineering and Plant Support / Plant Engineering Division		
<b>DIRECT EMPLOYMENT:</b> NOT REQUIRED		<b>GRADE RANGE:</b> P3 -P4
<b>DATE WRITTEN:</b> December 2007	<b>DATE REVISED:</b>	<b>DATE REVISED:</b>

**Purpose:**

- The candidate's main responsibility involves the detailed design of the Hot Cell Facility layout. He/she will also contribute to procurement, installation and testing of the Hot Cell Facility. The Hot Cell Facility is mainly characterised by equipment operation modes, sequences, and systems, and therefore needs a layout design engineer with a substantial background in nuclear technology, in order to ensure efficient integration.

**Major Duties / Responsibilities:**

- Preparation of the detailed layout of the Hot Cell Facility;
- Interfacing with the CAD office to support updating and maintenance of drawings and CAD models;
- Preparation of detailed technical descriptions of the Hot Cell Facility;
- Preparation of technical specifications for procurement of the Hot Cell Facility;
- Contribution to the preparation of programs and schedules for construction, testing and commissioning of the Hot Cell Facility.

**Qualification required:**

- University degree in nuclear engineering, chemical engineering or equivalent;
- At least 7 years experience in relevant fission nuclear facilities related to design and/or commissioning and/or operating and/or decommissioning. Proven experience in hot cells and/or remote handling operations would be an advantage;
- Good knowledge in nuclear technologies, in nuclear risks and nuclear regulation;
- Experience in CATIA use and administration and experience with ENOVIA could be an advantage;
- Ability to work effectively in a multi-cultural environment;
- Very good command of English, both spoken and written, is essential.

**Work Management structure and Interfaces:**

- Reports to the Hot Cell Leader & Radwaste Services Integration Section Leader;
- Interfaces with designers and the civil engineering team in order to achieve efficient integration.

**Authority / Approval Levels:**

- Has authority and approval levels generally defined by the Section Leader for his/her scope of work.

**Measures of Effectiveness:**

- Successfully manages interfaces regarding civil engineering work;
- Successfully implements the Hot Cell Facility specific equipment and systems;
- Successfully manages plans for installation, tests and commissioning;
- Successfully liaises with other organisations collaborating with ITER and the fusion community.