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Ref. IO1068 - 12/18/2009

## Hot Cell Integration Technical Engineer - CEP-112

<b>Main job</b>	Robotics, Industrial technologies
<b>Type of contract</b>	Fixed term contract
<b>Grade</b>	G5
<b>Purpose</b>	The Hot Cell Integration Technical Engineer will substantially support the integration of the ITER Hot Cell & Radwaste Facilities. The function of the Hot Cell & Radwaste Facilities is to provide a safe nuclear environment for processing, repairing, testing and disposing of activated components, the related remote handling equipment 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 therefore requires excellent and on time integration work, as well as efficient configuration management.
<b>Main duties / Responsibilities</b>	<ul style="list-style-type: none"> <li>• Provides technical support for establishing and maintaining configuration control models, general layouts, allocation drawings and configuration control lists of services and systems;</li> <li>• 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;</li> <li>• Supports the definition and management of interfaces between components and systems, including scheduling constraints;</li> <li>• Contributes to the preparation of schematic drawings, flow diagrams and all descriptive technical documents that enable the facilities to be designed;</li> <li>• Maintains a strong commitment to the implementation and perpetuation of ITER Safety Program, values and ethics.</li> </ul>
<b>Direct employment</b>	Required
<b>Measures of effectiveness</b>	<ul style="list-style-type: none"> <li>• Makes efficient and on time integration work;</li> <li>• Maintains reference documentation updated;</li> <li>• Maintains reference models and layouts updated;</li> <li>• Ensures traceability of changes and decisions for the section missions.</li> </ul>
<b>Level of study</b>	Bachelor, equivalent or higher degree
<b>Diploma</b>	Industrial Engineering or other related discipline
<b>Level of experience</b>	8 to 10 years
<b>Technical experience</b>	<ul style="list-style-type: none"> <li>- Significant experience (at least 8 years) in methods, interface management, integration, design, installation and/or assembly of technical projects;</li> <li>- Sound understanding of fission and fusion science and technology; basic knowledge of nuclear or other safety related technologies (e.g. chemical) is an advantage;</li> <li>- Experience in interface management.</li> </ul>
<b>Project experience</b>	1 to 2 years
<b>Social skills</b>	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team work
<b>Languages</b>	English (Fluent)

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