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## JOB DETAIL

Ref. IO1144 - 10/27/2011

## Senior System Engineering Resp Officer CIE-205

<b>Main job</b>	Generalist
<b>Department</b>	DIP/Directorate for Central Integration & Engineering
<b>Job Family</b>	Project engineering
<b>Application Deadline</b>	30/Nov/2011
<b>Grade</b>	P4
<b>Direct employment</b>	Not required
<b>Purpose</b>	For the success of ITER design and construction, 1) to implement technical integration, considering nuclear safety and environment, assembly and operation; 2) to initiate and implement necessary system engineering to successfully manage and execute these objectives; 3) to create the required infrastructure for effective configuration control and requirement management; 4) to coordinate and integrate the machine layout; 5) to enforce and maintain ensure the Quality Assurance program and safety requirements are upheld; 6) to effectively interface with the Domestic Agencies in matters related to technical integration and engineering.  The Senior System Engineering Responsible Officer plans and develops the strategy of engineering considering cost and schedule, and responding to the request from Central Integration & Engineering (CIE) Directorate Director (CIE) Directorate Director; including design integration, configuration control, systems engineering, Computer-Aided Design & Drawings, system analysis, application of codes & standards, safety design and assessment, on-site assembly and installation, remote handling, machine operations, RAMI (Reliability, Availability, Maintainability & Inspectability) and integral logistics.
<b>Main duties / Responsibilities</b>	Plans and develops the strategy to satisfy the overall requirements from project specifications, engineering and safety requirements including consistency among technologies, i.e. fabricability of components, ease of initial assembly and remote maintenance, cost containment and minimization of engineering schedule;  Coordinates CIE's activities such as: 1. Ensures all requirements are consistent during the flowing down of the overall project specifications to components; 2. Constantly maintains and updates the Project Requirements until operation; 3. Oversees design reviews and concludes the design readiness by ensuring that the design of each component meets the requirements and that the interfaces are taken into account at each level of the project, including the manufacturing phase; 4. Ensures that manufacturing, acceptance/acceptation acceptance, and assembly are compliant with procedures defined; 5. Ensures that technical documents are provided with a sufficiently high level of quality to support the decision; 6. Develops and maintains systems for the configuration control of the ITER project technical scope and cost; 7. Ensures the interface with Domestic Agencies with respect to the technical integration and engineering, safety implications, and assembly and operationors;  Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
<b>Measures of effectiveness</b>	• Successfully plans and develops the integration and engineering framework strategy, considering the cost and schedule, and coordinates CIE's activities to realize implement the requests from the CIE Directorate Director as described above;

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My job alert

- Languages** English (Working)

**Print offer**

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