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Ref. IO1110 - 12/10/2010

Assembly Officer - CIE-204

Main job	Mechanics
Department	DIP/Directorate for Central Engineering & Plant
Division	CIE / Assembly & Operations Division
Section	CIE / AOP / Machine Assembly & Installation Section
Job Family	Project engineering
Application Deadline	1/15/2011
Grade	P3
Direct employment	Not required
Purpose	<p>To support the Assembly and Operations Division Head, within the Machine Assembly and Installation Section, in matters related to the assembly operations to be carried out, primarily, in the assembly building.</p> <p>To be responsible for designing and developing an overall strategy and procedures to complete the component assembly operations and the installation activities related to the assembly hall tools and systems.</p> <p>To be in charge of the elaboration of the procedures required to handle, prepare and sub-assemble the tokamak components. To identify, conceptualize and/or specify the required tooling. To prepare, maintain and integrate the associated schedule, resources and cost estimates.</p>
Main duties / Responsibilities	<ul style="list-style-type: none"> •Supports the Machine Assembly and Tooling Section Leader in all matters related to the preparation and sub-assembly of the major tokamak components, and in the exploitation of the assembly building facility; •Develops strategies, procedures and concepts for preparing, sub-assembling, and installing the assembly tools, system components and networks; •Elaborates, validates and maintains installation procedures, schedules, resource requirements and cost estimates; •Identifies and conceptualizes the assembly tooling required to ensure successful installation and alignment of plant systems; •Participates in the drawing up of technical specifications for the installation contracts associated with the systems for which the ITER Organization is responsible; •Interfaces with the system responsible officers, all Departments within the ITER Organization and its partners at all levels; •Evaluates engineering designs for plant systems and guidance provisions for assembly aspects; •Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Measures of effectiveness	<ul style="list-style-type: none"> •Supports the Section Leader in developing and maintaining the Assembly Plan for machine components and plant systems; •Successfully promotes the installation strategy, the associated schedule, cost and resource estimates, and secures the acceptance of the related team players; •Successfully generates and maintains coherent, comprehensive and understandable documentation; •Successfully maintains effective communications with collaborators at all levels of the ITER Organization and the Domestic Agencies; •Successfully completes the objectives set in agreement with the Section Leader.
Level of study	Master or equivalent degree
Diploma	Mechanical Engineering
Level of experience	10 to 14 years
Technical experience	-At least 10 years' experience in the design and assembly

- of complex mechanical systems in a recognized, high technology field;
 - Demonstrated ability to develop innovative solutions to complex engineering problems;
 - Experience in planning the installation of mechanical systems;
 - Ability to write clear and concise reports
- Project experience** 10 to 15 years
- Social skills** Ability to work effectively in a multi-cultural environment
Ability to work in a team and to promote team spirit
Proactive
- Specific skills** •Project experience:
-Substantial knowledge of project management;
-Knowledge of Quality Assurance (QA) systems and their practical application to assembly/ installation activities;
-Knowledge of occupational safety regulations and practices.
- Languages** English (Fluent)

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