



china eu india japan korea russia usa

JOB DETAIL

Ref. IO1557 - 7/22/2015

Assembly Mechanical Engineer CST-007

Main job	Construction
Department	CST / Construction Department
Division	CST / Tokamak Assembly Section/Division
Job Family	Engineer - 2
Application Deadline (MM/DD/YYYY)	08/23/2015
Grade	P3
Direct employment	Not required
Purpose	<p>To provide project engineering expertise, and apply project management methodologies to implement the Procurement Arrangement (PA) between the ITER Organization (IO) and the Korean Domestic Agency (KO DA), which covers the purpose-built tooling required to assemble the major Tokamak systems and components; To ensure effective liaison between the IO Technical Responsible Officers and the IO technical disciplines interfacing with the purpose-built tools, and to be the primary technical point of contact with the KO DA.</p>
Main duties / Responsibilities	<ul style="list-style-type: none"><li>• Supports the Section/Division Head in matters related to the implementation of the PA for the purpose-built assembly tools;</li><li>• Prepares, monitors and updates schedules, and resource forecasts for engineering and other technical activities relating to the execution of the work;</li><li>• Harmonizes interfaces between components, tooling and assembly sequences and procedures;</li><li>• Initiates and follows-up the necessary design changes;</li><li>• Ensures that interfaces are clearly defined and documented;</li><li>• Coordinates the inter-disciplinary evaluation of tool design proposals, and participates in the organization of the formal Design Review process;</li><li>• Ensures compliance with the applicable Decrees, Directives, and Codes and Standards;</li><li>• Ensures the work is carried out in compliance with the requirements of the ITER quality system;</li><li>• Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</li><li>• May be requested to belong to any project team dealing with above activities and perform other duties upon management request;</li><li>• Performs other duties upon management request, as necessary in the interest of the project;</li><li>• Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li></ul>
Measures of effectiveness	<ul style="list-style-type: none"><li>• Reports to the Tokamak Assembly Section/Division Head;</li><li>• Interfaces directly with all ITER Organization Departments and Offices;</li><li>• Interfaces directly with the technical staff of the KO DA;</li><li>• In response to requests from the Director-General and/or Construction Department Head, or proactively, informs the DG/Construction Department Head of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</li></ul> <ul style="list-style-type: none"><li>• Elaborates, maintains and implements the plan for the supply of the purpose-built assembly tools;</li><li>• Provides appropriate, timely and comprehensive expertise</li></ul>

My space

See jobs

My job alert

- and progress reports;
- Ensures proper codes & standards are implemented;
- Generates and maintains coherent, comprehensive and understandable documentation;
- Maintains effective liaison within the ITER Organization, and with the technical officers of the KO DA;
- Implements the Procurement Arrangement within the defined schedule and cost.

Project Construction Phase

Level of study	At least Master's Degree or equivalent
Diploma	Mechanical Engineering or other
Level of experience	At least 8 years
Technical experience/knowledge	<ul style="list-style-type: none"><li>– Knowledge of the harmonized European codes and standards for the design, manufacture, testing and certification of machinery and tooling, including lifting tools;</li><li>– Knowledge of French safety regulations pertaining to the certification and operation of lifting equipment is considered as an advantage.</li></ul> <ul style="list-style-type: none"><li>– At least 8 years' project engineering experience in the field of large capacity, high precision lifting, handling and alignment tooling systems;</li><li>– Experience in the implementation of design and manufacturing processes in the product lifecycle;</li><li>– Knowledge of Quality Assurance systems and their practical application;</li><li>– Experience in the fusion related technologies, such as Ultra High Vacuum (UHV) and cryogenic applications would be desirable;</li><li>– Experience of international procurement and tendering, and knowledge of contract law would be an advantage;</li><li>– Experience in Project Management is required;</li><li>– Demonstrated ability to deliver quality results on tight timescales.</li></ul>
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	CATIA ENOVIA
General skills	<ul style="list-style-type: none"><li>– Proficiency in the use of the Microsoft Office suite of software;</li><li>– Proficiency in the use of CATIA V5</li><li>– Experience of structural analysis software would be an advantage.</li></ul>
Languages	English (Fluent)

For more information about ITER, visit our web site : <http://www.iter.org>