



the way to new energy

china eu india japan korea russia usa

## JOB DETAIL

Ref. IO2047 - 11/23/2018

### Equipment Manufacturing Resp. Officer TCWS-041

**Main job** Manufacturing, welding

**Department** PED / Plant Engineering Department

**Division** PED / Tokamak Cooling Water System Division

**Job Family** Coordinating Engineer

**Application Deadline**  
(MM/DD/YYYY) 01/06/2019

**Grade** P4

**Direct employment** Not required

**Purpose** To assure the IO Manufacturer supervision role during the Tokamak Cooling Water System (TCWS) mechanical equipment and piping procurement, fabrication and installation, within the defined cost, scope and schedule; To be part of the TCWS Project Team (PT) and to integrate on-site activities in close collaboration with the IO Construction Department and Construction Management as Agent (CMA). To be accountable for contract management for the ITER Organization (IO) manufacturing activities.

Is Technical Responsible Officer for the assigned contract(s) for manufacturing activities;  
Prepares technical specifications for the assigned equipment(s);  
Prepares the tendering documents needed for his/ her assigned contracts in collaboration with Procurement and Contracts Division;  
Collaborates with the supplier to define the best technical solutions during the detailed design / manufacturing of the components;

**Main duties / Responsibilities** Follows-up the manufacturing process by reviewing all supplier documentation/drawings, integrating updates from design/site construction, attending manufacturing hold points, coordinating between the Agreed Notified Body (ANB), the supplier and the ITER Nuclear-Non Nuclear Pressurized Equipment Network, etc.;  
Assesses Supplier Deviation Requests and Non-Conformities and proposes solutions by minimizing their impact on cost and schedule as well as on already designed, manufactured and installed components;  
As member of the TCWS PT, ensures technical interfaces between TCWS PT and all other stakeholders, both IO and industry, in his/ her area of responsibility;  
Prepares the Manufacturing Readiness Review and the Delivery Readiness Review and makes sure that all identified issues are timely solved;  
Issues inspection and observation reports for supervision activities during manufacturing;  
Assures consistency among the mechanical and piping systems in his/her area of responsibility in installation phase and the engineering work packages issued by Engineering Departments;  
Follows the resolution of non-conformances related to his/her area of responsibility;  
Assists during testing and commissioning of components that are installed under her/his responsibilities and alerts line management when necessary;  
Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;  
May be required to work outside normal working hours, including nights, weekends and public holidays;  
May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;  
Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct.

**Measures of effectiveness** Under the coordination of the TCWS Project Team Leader, reports to the Division Head of TCWS;  
Acts as interface with other internal and external resources for the installation activities for all Plant Areas;  
In response to requests from the Director-General (DG) and/or Plant Engineering Department (PED) Head, or proactively, informs the DG/ PED 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.

My space



See jobs

My job alert

Timely issue or review / approval of technical specifications;  
 Efficient contracts management for manufacturing Activities within the defined cost and schedule;  
 Assures timely delivery of components compliant with all the requirements;  
 Timely and accurate reporting on the status of the fabrication and installation;  
 Ensures the efficient execution of actions related to construction for his/her scope of activities, within the defined cost, scope and schedule;  
 Manages effectively the interfaces associated with his/her scope of activities;  
 Contributes efficiently to ensuring satisfaction of safety and functional requirements flow-down.

<b>Level of study</b>	Master or equivalent degree
<b>Level of experience</b>	At least 10 years
<b>Technical experience/knowledge</b>	<p>At least 10 years of experience in manufacturing of nuclear components (heat exchangers, tanks, pressurizers) and contract management;          Proven experience in the fabrication and installation supervision of large and complex systems for nuclear plants or oil and gas sectors;</p> <p>Master's Degree or equivalent in mechanical/nuclear engineering with competences in construction, installation and testing of mechanical components and piping systems;          Very good knowledge of equipment (heat exchangers, tanks, pressurizers) fabrication processes and installation procedures as well as welding techniques, testing and non-destructive techniques;          Good knowledge of structural supports systems, steel structures construction as well as fixation systems for nuclear plants;          Knowledge of international Mechanical components and piping systems standards;          Knowledge of the French ESP/ESPN regulations and practical application will be considered advantageous.</p>
<b>General skills</b>	<p>Experience in field installation supervision of plant static and rotating equipment;          Demonstrated experience in installation, commissioning and operation of mechanical components and piping systems, including safety relevant components;          Proven experience in follow-up of equipment subject to ESP/ESPN will be considered an advantage;          Proven experience in managing a NB/ANB will be considered an advantage.</p> <p>The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains;</p>
<b>Others</b>	<ul style="list-style-type: none"> <li>– Ability to work autonomously with minimal supervision;</li> <li>– Collaborate: Ability to dialogue with a wide variety of contributors and stakeholders;</li> <li>– Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;</li> <li>– Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;</li> <li>– Manage Complexity: Ability to gather multiple and diverse sources of information to define problems accurately before moving to proposals;</li> <li>– Instil trust: Ability to apply high standards of team mind-set, trust, excellence, loyalty and integrity.</li> </ul> <p>Knowledge of Microsoft Office standard (Word, Excel, PowerPoint, Outlook) is required;          Knowledge of 2D-3D CAD software (AVEVA PDMS, Intergraph Smartplant or Catia) is appreciated.</p>
<b>Languages</b>	English (Fluent)

[Back](#)

[Apply](#)

[Send to a friend](#)

[Print offer](#)