



china eu india japan korea russia usa

## JOB DETAIL

Ref. IO1593 - 10/13/2015

### Manufacturing Engineer - TED-027

<b>Main job</b>	Manufacturing, welding
<b>Department</b>	TED / Tokamak Engineering Department
<b>Division</b>	TED / Vessel Division
<b>Section</b>	TED / VV / VV/Ports & Thermal Shield Section
<b>Job Family</b>	Coordinating Engineer
<b>Application Deadline (MM/DD/YYYY)</b>	11/04/2015
<b>Grade</b>	P4
<b>Direct employment</b>	Required
<b>Purpose</b>	<p>To manage Vacuum Vessel (VV) manufacturing and assembly activities.</p> <p>To supervise the activities related to the procurement of the VV Sectors and Ports with an emphasis to the RCC-MR (and/or RCC-MX) code compliance and reporting. This also includes implementing requirements related to the French Regulations for Pressure and Nuclear Pressure Equipment.</p> <ul style="list-style-type: none"> <li>• Monitors and follows-up the Procurement Arrangements signed with the Domestic Agencies (DAs) for the fabrication and final delivery of the VV Sectors and Ports and other components, as required;</li> <li>• Coordinates the treatment of Non Conformance Reports (NCRs) and Deviation Requests (DRs) at VV equipment level (Procurement Arrangements (PAs) and the assembly contract) including : <ul style="list-style-type: none"> <li>– Support for the elaboration of remedial, corrective and preventive actions,</li> <li>– Supervise timely implementation,</li> <li>– Transverse integration of the treatment of NCRs and DRs,</li> <li>– Support for justification to ASN/ANB of NCR treatment and DRs.</li> </ul> </li> </ul>
<b>Main duties / Responsibilities</b>	<ul style="list-style-type: none"> <li>• Coordinates and supervises the review of technical documents for the PAs through the preparation of material documentation, welding and Non-Destructive Testing (NDT) procedures, forming procedures, pressure test and leak testing procedures submitted by the contractors/suppliers; also ensuring the compliance with RCC-MR code and technical specifications;</li> <li>• Coordinates and controls the preparation of end of manufacturing reports;</li> <li>• Supports the Technical Responsible Officers of the different PAs for the elaboration and the follow-up of inspection programs;</li> <li>• Performs routing monitoring activities, such as day-by-day interactions with the DAs and their suppliers, attends regular progress and dedicated meetings, participates to routine and unscheduled inspections at the supplier's premises, and witnesses intermediate and final acceptance tests.</li> <li>• Implements all requirements dictated by the Agreed Notified Body and related to the French Regulations for Pressure and Nuclear Pressure Equipment;</li> <li>• Liaises with and Safety Responsible Officer and Quality Responsible Officer for the implementation of Safety and QA requirements on the VV components;</li> <li>• Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan &amp; upon management request;</li> <li>• May be requested to be part of any of the project team and perform other duties upon management request;</li> </ul>

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	<ul style="list-style-type: none"><li>• Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li><li>• Reports to the VV/Ports &amp; Thermal Shield Section Leader;</li><li>• Acts as an interface between all other Departments within the ITER Organization, as required;</li><li>• In response to requests from the Director-General (DG) and/or Tokamak Engineering Department (TED) Head, or proactively, informs the DG/ TED 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><li>• Contributes efficiently to procurement activities of VV systems and/or components in a timely manner and within defined costs;</li><li>• Manages the treatment of NCRs and DRs to quality and schedule;</li><li>• Generates and maintains coherent, comprehensive, and understandable documentation;</li><li>• Maintains effective communications within the ITER Organization and with partners' organizations.</li></ul>
Measures of effectiveness	
	Project Construction Phase
Level of study	Master or equivalent degree
Diploma	Mechanical eng. or other relevant discipline
Level of experience	At least 10 years
Technical experience/knowledge	<ul style="list-style-type: none"><li>– At least 10 years' experience in the procurement and manufacturing supervision of components for Nuclear Pressure Equipment and/or Pressure Equipment;</li><li>– At least 5 years' experience in project management for Nuclear components;</li><li>– Experience applying the RCC-MR/RCC-M to Nuclear Pressure Equipment;</li><li>– Experience of coordination of treatment of NCRs for Nuclear Components,</li><li>– Industrial experience in fabrication (procurement of material, forming and welding) of stainless steel structures,</li><li>– Welding engineer qualification is desirable</li><li>– Basic Project Management experience is required.</li></ul>
People management experience	At least 5 years
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Others	– Proficiency in the use of the Microsoft Office suite of software.
Languages	English (Fluent)