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## JOB DETAIL

Ref. IO1132 - 6/1/2011

**Manufacturing Responsible Officer TKM-108**

<b>Main job</b>	Manufacturing, welding
<b>Department</b>	DIP/Directorate for Tokamak
<b>Division</b>	TKM / Vessel Division
<b>Section</b>	TKM / VV / VV Ports and Thermal Shield Section
<b>Job Family</b>	Project engineering
<b>Application Deadline</b>	03/Jul/2011
<b>Grade</b>	P3
<b>Direct employment</b>	Not required
<b>Purpose</b>	To be responsible for supervising the manufacturing Vacuum Vessel (VV) and Port systems, with an emphasis on the RCC-MR (and/or RCC-M) code compliance and reporting. This also includes implementing requirements related to the French Regulations for Pressure and Nuclear Pressure Equipment.
<b>Main duties / Responsibilities</b>	<ul style="list-style-type: none"> <li>-Performs detailed checking of drawings and manufacturing documentation (material documentation, welding book, WPS, NDT procedure, forming procedure, testing procedure) submitted by the Domestic Agencies (DA) in the framework of Vacuum Vessel (and/or other components) procurement arrangement (PA) implementation; emphasis will be on compliance with RCC-MR and technical specification;</li> <li>-Monitors the fabrication of components for the Vessel Division built according to RCC-MR or ASME and is also responsible for reports including (materials, welding qualification, welding, NDT, dimensional test, pressure test and leak testing)</li> <li>-Implements all requirements related to the French Regulations for Pressure and Nuclear Pressure Equipment for the Division;</li> <li>-Liaises with ITER Quality Assurance (QA) Division for the implementation of QA requirements on the Vacuum Vessel;</li> <li>-Supervises (for the Division) the qualification program for alternative NDE techniques such as advanced U.T examination;</li> <li>-Advises the Division on the selection of manufacturing techniques (welding, NDT) and supervises Research &amp; Development (R&amp;D) and qualification programs;</li> <li>-Advises the Division on the selection of materials;</li> <li>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li> </ul>
<b>Measures of effectiveness</b>	<ul style="list-style-type: none"> <li>-Completes procurement activities of VV systems in a timely manner and within defined costs;</li> <li>-Successfully generates and maintains coherent, comprehensive, and understandable documentation;</li> <li>-Successfully maintains effective communications within the ITER Organization.</li> </ul>
<b>Level of study</b>	Bachelor or Master/Engineer Degree
<b>Diploma</b>	Engineering
<b>Level of experience</b>	At least 10 years
<b>Technical experience</b>	<ul style="list-style-type: none"> <li>-10 years' experience in the design and manufacturing supervision of components for Nuclear Pressure Equipments and/or Pressure Equipments;</li> <li>-Experience applying the RCC-MR/RCC-M and ASME codes to large Nuclear Components;</li> <li>-Experience implementing all requirements related to the French Regulation for Pressure and Nuclear Pressure Equipment including Conformity Assessment of Nuclear Pressure Equipments;</li> <li>-Experience in fabrication (procurement of material forming and welding) of large stainless steel structures;</li> <li>-Experience working with nuclear and conventional pressure vessel codes.</li> </ul>

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- Project experience** 1 to 2 years
- Social skills** Ability to work effectively in a multi-cultural environment  
Ability to work in a team and to promote team spirit
- General skills** MS Office standard (Word, Excel, PowerPoint, Outlook)
- Languages** English (Working)

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