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JOB DETAIL

Ref. IO1609 - 12/3/2015

Quality Control Engineer - TED-032

Main job	Control system
Department	TED / Tokamak Engineering Department
Division	TED / Vessel Division
Section	TED / VV / VV/Ports & Thermal Shield Section
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	01/03/2016
Grade	P2
Direct employment	Required
Purpose	<p>To inspect Vacuum Vessel (VV) manufacturing and assembly activities;</p> <p>To support the activities related to the procurement of the VV components and manufacturing of the VV Sectors and Ports with an emphasis to design and construction rules for mechanical components of nuclear installations 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">• Supports the Responsible Officers to monitor and follow 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;
Main duties / Responsibilities	<ul style="list-style-type: none">• Performs inspection of manufacturing activities during the procurement of material and the fabrication of components for the VV Sectors and Ports built according to RCC-MR and is also responsible for reviewing test report and writing inspection reports;• Identifies deviation and non-conformities and participates to the treatment of Non Conformance Reports (NCR);• Performs routine monitoring activities, such as day-by-day interactions with the DAs and their suppliers, organizes regular progress and dedicated meetings, performs routine and unscheduled inspections at the supplier's premises and witnesses intermediate and final acceptance tests;• Checks implementation of all requirements dictated by the Agreed Notified Body and related to the French Regulations for Pressure and Nuclear Pressure Equipment;• Liaises with ITER Quality Assurance & Assessment Division (QAA) for the implementation of QA requirements on the VV components;• Supports preparation for the assembly of the VV components and interfaces with the Machine Assembly Division;• Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan & upon management request;• May be requested to be part of any project team dealing with above activities and perform other duties upon management request;• Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. <ul style="list-style-type: none">• Reports to the VV/Ports & Thermal Shield Section Leader;• Acts as an interface between all other Departments within the ITER Organization, as required;• In response to requests from the Director-General (DG) and/or Tokamak Engineering Department (TED) Head, or

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	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.
Measures of effectiveness	<ul style="list-style-type: none">• Contributes efficiently to procurement activities of VV systems and/or components in a timely manner and within defined costs;• Supports the oversight of VV fabrication and coordination and communication with the DA;• Ensures effective inspections and issues related reports in a timely manner;• Generates and maintains coherent, comprehensive, and accurate documentation;• Maintains effective communications within the ITER Organization.
	Project Construction Phase
Level of study	Master or equivalent degree
Diploma	Mechanical engineering
Level of experience	At least 5 years
Technical experience/knowledge	<ul style="list-style-type: none">– At least 5 years' experience in manufacturing supervision of components for Nuclear Pressure Equipment and/or Pressure Equipment;– Experience in applying the RCC-MR/RCC-M or ASME codes to Pressure Equipment;– Experience in supervision (procurement of material, forming, welding, Non Destructive Testing, etc.) of stainless steel structures;– Experience in implementing all requirements related to the French Regulation for Pressure and Nuclear Pressure Equipment, including Conformity Assessment of Nuclear Pressure Equipment, would be considered advantageous;– Basic Project Management experience is required.
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Others	– Good command of the Microsoft Office package
Languages	English (Fluent)

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