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JOB DETAIL

Ref. IO1551 - 6/19/2015

Thermal Shield Technician TED-012

Main job	Mechanics
Department	TED / Tokamak Engineering Department
Division	TED / Vessel Division
Section	TED / VV / VV/Ports & Thermal Shield Section
Job Family	Technician - 3
Application Deadline (MM/DD/YYYY)	07/14/2015
Grade	G4
Direct employment	Required
Purpose	<p>To support the completion of the design and follow up activities for the manufacturing and assembly of the Thermal Shields.</p> <p>To generate technical reports and documentation for the detailed engineering design of the Thermal Shields and management of documentation related to their Procurement Arrangement using the ITER document management database IDM.</p>
Main duties / Responsibilities	<p>Supports the completion of the engineering design of the remaining components of the Thermal Shields by coordinating the interface work, and developing technical reports and documents;</p> <p>Updates design documentation;</p> <p>Reviews on manufacturing design and procedures;</p> <p>Manages tolerance drawings for manufacturing and assembly;</p> <p>Manages gap analysis according to operational conditions;</p> <p>Develops and reviews procurement documentation;</p> <p>Supports the follow up of the Procurement Arrangement and manufacturing activities of the Thermal Shields supplier, by reviewing and assessing manufacturing design and procedures, resolution of technical issues and non-conformities;</p> <p>Participates in quality control inspections and acceptance tests relating to the above bullet;</p> <p>Supports the development of In-Service Inspection techniques and procedures;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and upon management request;</p> <p>May be requested to belong to any project team dealing with above activities and perform other duties upon management request;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p>
Measures of effectiveness	<p>Reports to the VV/Ports &amp; Thermal Shield Section Leader;</p> <p>Interfaces with the machine assembly group for the preparation of the assembly procedures and tooling for the Thermal Shields;</p> <p>Interacts daily with members of ITER as well as with external organizations;</p> <p>In response to requests from the Director-General 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.</p> <p>Contributes efficiently to the design and procurement activities of Thermal Shield Components in a timely manner and within defined costs;</p> <p>Develops and maintains accurate, coherent, comprehensive, and understandable design and procurement documentation within the defined schedule;</p> <p>Maintains effective communication within the ITER Organization.</p>
	<p>ID SAP: 50001171</p> <p>Project Construction Phase</p>

My space

 See jobs

My job alert

Level of study	Bachelor or equivalent degree
Diploma	Mechanical Engineering or other related discipline
Level of experience	At least 5 years
Technical experience/knowledge	Working knowledge of mechanical manufacturing techniques and welding processes.  At least 5 years' experience in a similar position in a large multidisciplinary project; Experience in research and/or engineering projects would be an advantage.
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	Demonstrated ability to produce high quality results; Ability to meet deadlines and set priorities; Excellent communication skills; Ability to communicate clearly and write technical reports and specifications in English.
Others	Experience working with CAD systems.
Languages	English (Fluent)

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