

IO1551 Thermal Shield Technician TED-012

General information

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| Job category | Standard |
| Status | Published |
| Department | TED / Tokamak Engineering Department |
| Division | TED / Vessel Division |
| Section | TED / VV / VV/Ports & Thermal Shield Section |

Job description

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| Main job | Engineering - Mechanics |
| Title of the position | Thermal Shield Technician TED-012 |
| Job family | Technician - 3 |
| 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 & 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> |

Applicant criteria

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| 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. |
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| | Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit |
| | Demonstrated ability to produce high quality results; |
| General skills | Ability to meet deadlines and set priorities; |
| | Excellent communication skills; |
| | Ability to communicate clearly and write technical reports and specifications in English. |
| Languages | English (Fluent) |
| Specific skills | MS Office standard (Word, Excel, PowerPoint, Outlook) |
| Others | Experience working with CAD systems. |