

IO1646 Thermal Shield Manufacturing Engineer - TED-070

General information

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

Job description

Main job	Engineering - Manufacturing, welding
Title of the position	Thermal Shield Manufacturing Engineer - TED-070
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<p>To be responsible for the Thermal Shields (TS) manufacturing management;</p> <p>To be responsible for the TS assembly and installation interfaces including technical supports for the assembly preparation and the assembly on site;</p> <p>To be responsible for the TS commissioning and the maintenance interfaces.</p>
Main duties / Responsibilities	<p>Monitors and follows up the Procurement Arrangements signed with the Domestic Agencies (DAs) for the fabrication and final delivery of the Thermal Shield (TS);</p> <p>Coordinates the treatment of Non Conformance Reports (NCRs) and Deviation Requests (DRs) at TS components level including :</p> <ul style="list-style-type: none">Support for the elaboration of remedial, corrective and preventive actions,Supervise timely implementation,Transverse integration of the treatment of NCRs and DRs,Support for justification; <p>Reviews technical documents for the TS design and the manufacturing;</p> <p>Coordinates the TS assembly and installation interfaces;</p> <p>Provides technical supports on the TS assembly preparation and the assembly;</p> <p>Coordinates the TS commissioning and the maintenance interfaces;</p> <p>Provides technical supports for the TS commissioning and the maintenance;</p> <p>Assesses the TS structural integrity for the assembly & installation, commissioning and maintenance;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>May be requested to be part of any of the project team dealing with the above activities and performs 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>Acts as an interface between all other Departments within the ITER Organization, as required;</p> <p>In response to requests from the Director-General and/or the Head of Tokamak Engineering department (TED), or proactively, informs the DG/ or the Head of TED 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 procurement activities of Thermal Shield systems and/or components in a timely manner and within defined costs;</p> <p>Manages the treatment of Non Conformance Reports and Deviation Requests to quality and schedule;</p> <p>Generates and maintains coherent, comprehensive, and understandable documentation;</p> <p>Maintains effective communications within the ITER Organization and with partners' organizations.</p>
	Project Construction Phase

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Mechanical engineering
Level of experience	At least 8 years
Technical experience/knowledge	<div>At least 8 years' experience in the procurement and manufacturing supervision of components for Nuclear Pressure Equipment and/or Pressure Equipment/or Cryogenic system;</div> <div>At least 5 years' experience in project management for Nuclear components;</div> <div>Experience applying the ASME codes;</div> <div>Experience on the structural integrity assessment;</div> <div>Experience of coordination on the design and manufacturing;</div> <div>Basic Project Management is required;</div>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
Languages	English (Fluent)
Others	Proficiency in the use of the Microsoft Office suite of software