

IO1643 Manufacturing Engineer - TED-066

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	Manufacturing Engineer - TED-066
Job family	Engineer - 2
Grade	P3
Direct employment	Required
Purpose	To manage manufacturing and assembly activities for the Vacuum Vessel (VV) and associated components; To perform factory acceptance tests and site acceptance test for all VV components.
Main duties / Responsibilities	<p>Manages VV assembly preparation and activities; Manages VV factory acceptance tests and site acceptance tests; Prepares required tests during manufacturing and assembly; Develops test procedures for factory acceptance tests and site acceptance tests; Supports the follow-up of the Procurement Arrangements signed with the Domestic agencies (DAs) for the final delivery of the Vacuum Vessel (VV) Sectors and Ports; Supports preparation for the assembly and pre-commissioning of the VV; Supports the design justification of the VV for non-conformities, etc.; Contributes to the elaboration of the system requirements and interface documents; Contributes to R&D tasks for the VV; Reviews manufacturing drawings; Supports treatment of Non-Conformance Reports (NCRs) and Deviation Requests (DRs); Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan; May be requested to be part of any of the project team dealing with the above activities and performs other duties upon management request; Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>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 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 Vacuum Vessel systems and/or components in a timely manner and within defined costs; Supports the finalization of outstanding engineering designs of the Vacuum Vessel and associated components within the prescribed schedule; Maintains a strong communication within the ITER Organization as required by this position.</p>
Measures of effectiveness	<p>Project Construction Phase</p>

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Mechanical engineering / other relevant discipline

Level of experience	At least 8 years
Technical experience/knowledge	At least 8 years' experience in project management for Nuclear components; Experience applying the RCC-MR/RCC-M to Nuclear Pressure Equipment; Experience factory acceptance tests; 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
Languages	English (Fluent)
Others	Proficiency in the use of the Microsoft Office suite of software.