

# IO1946 Vacuum Vessel Engineer TED-136

## General information

Job category	Standard
Status	Published
Department	TED / Tokamak Engineering Department
Division	TED / Vessel Division

## Job description

Main job	Engineering - Vacuum technologies
Title of the position	Vacuum Vessel Engineer TED-136
Job family	Engineer - 1
Grade	P2
Direct employment	Not required
Purpose	<p>To contribute and oversee engineering, manufacturing, and assembly activities related to the procurement of the Vacuum Vessel (VV) components including sealing flanges, bellows, pipes, etc;</p> <p>To manage interfaces and integration of the VV components including in-kind procured components.</p>
Main duties / Responsibilities	<ul style="list-style-type: none"><li>-Performs engineering, manufacturing, and assembly activities related to the procurement of the VV components including sealing flanges, bellows, pipes, etc;</li><li>-Integrates these VV components internal as well as external of the VV;</li><li>-Performs engineering activities in support of the fabrication of components under Domestic Agency (DAs) responsibility: checking of documentation, drawings, justification of non-conformance reports (NCRs);</li><li>-Prepares the specifications and is responsible for the procurement oversight for VV components;</li><li>-Performs factory acceptance tests for VV components;</li><li>-Manages the metrology of the as built components, resolving NCRs and managing the reverse engineering;</li><li>-Prepares specifications for the Assembly of the VV components;</li><li>-Manages the issues related to the assembly of the as-built components, proposing and implementing the required measures;</li><li>-May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays;</li><li>-Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;</li><li>-May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;</li><li>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li></ul> <p>-Under the supervision of the Group Leader, reports to the Vacuum Vessel Division Head;</p> <p>-Effectively interfaces with ITER domestic agencies responsible for procurement;</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>
Measures of effectiveness	<ul style="list-style-type: none"><li>-Successfully contributes to the delivery of the VV components on time;</li><li>-Completes specifications for the VV components implementing IO quality standards within the defined deadline;</li><li>-Prepares specifications for the Assembly of the VV implementing IO quality standards within the defined deadline;</li><li>-Proposes and implements efficient solutions for the successful assembly and preparation of commissioning of the VV.</li></ul>
	Project Construcion Phase

## Applicant criteria

Level of study	Master or equivalent degree
Diploma	Engineering, mechanical, nuclear or other relevant
Level of experience	At least 5 years
Technical experience/knowledge	<ul style="list-style-type: none"> <li>-At least 5 years' experience in design, preparation of specifications, procurement and oversight of fabrication for Ultra-High Vacuum (UHV) and/or pressure equipment's;</li> <li>-Experience in acceptance and commissioning of components required;</li> <li>-Experience in installation and assembly of components required;</li> <li>-Knowledge on French Nuclear regulation is considered as an advantage;</li> <li>-Project Management experience in addition to the procurement experience will be an advantage;</li> <li>-Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.</li> </ul>
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <ul style="list-style-type: none"> <li>-Ability to facilitate dialogue with a wide variety of contributors and stakeholders;</li> </ul>
General skills	<ul style="list-style-type: none"> <li>-Ability to adjust communication content and style to deliver messages;</li> <li>-Ability to persist in the face of challenges to meet deadlines with high standards;</li> <li>-Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.</li> </ul>
Languages	English (Fluent)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)