

IO1281 Divertor Cassette Assembly Engineer TKM-037

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Tokamak
Division	TKM / Internal Components Division
Section	TKM/ INC/ Tungsten Divertor Section

Job description

Main job	Engineering - Mechanics
Title of the position	Divertor Cassette Assembly Engineer TKM-037
Job family	Engineer - 1
Grade	P2
Direct employment	Not required
Purpose	To be responsible for the qualifications and acceptance tests of Divertor Cassette Body with the European Domestic Agency (DAs) and related materials, ensuring a proper procurement follow up.
Main duties / Responsibilities	<p>Monitors the procurement of Cassette Body and related materials, including qualification and acceptance tests, in close relation with the Procurement & Contract Division;</p> <p>Is responsible for the related design and issue of the concerned 3D models and 2D drawings;</p> <p>Follow-up the assembly of plasma forming components into the cassette body;</p> <p>Develops and follows-up the Divertor build-up of tolerances;</p> <p>Implements the Quality Assurance (QA) procedures in close relation with the Quality Assurance Division;</p> <p>Maintains relevant documentation into the Tungsten Divertor Section;</p> <p>Follow-up the Divertor interfaces;</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>Performs other duties linked to the above purpose upon management request, as necessary;</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 Tungsten Divertor Section Leader;</p> <p>Interacts on a daily basis with members of the ITER Internal Components Division, ITER Organization as well as external organizations;</p> <p>In response to requests from the Director-General and/or Director of Tokamak (TKM) Directorate, or proactively, informs the DG/Director of TKM Directorate 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>Completes the design, procurement and integration of the Divertor within the prescribed specifications within planned schedule and costs</p> <p>Generates and maintains coherent, comprehensive and understandable design documentation for the Divertor;</p> <p>Maintains effective communication within the ITER Organization as required by this position;</p> <p>Project Construction Phase</p> <p>ID SAP : 50000183</p>

Applicant criteria

Level of study	Bachelor or higher degree
Diploma	Mechanical Engineering Field or other relevant
Level of experience	At least 5 years
	Good knowledge of the engineering requirements of the relevant ITER systems (divertor,

Technical experience	diagnostics, Remote Handling, Vacuum Vessel) would be an advantage; At least 5 years' experience in the design, construction and integration of mechanical components, preferably in an international environment;
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Basic Project Management experience is required.
Languages	English (Working)
Specific skills	Computer Aided Design
Others	Good knowledge of the Computer Aided Design (CAD systems), preferably with the CATIA software, and model management system used in ITER (namely Enovia) would be an asset