

Technical Engineer

TKM-102

Reports to Line Manager:	Internal Components Division Head, Tokamak Department	Job Code:	TKM-102
Direct Employment:	Required	Grade:	G4

Purpose

To prepare, check and classify technical documentation;
To support the blanket and divertor (design, procurement, assembly, operation).

Major Duties/Responsibilities

china

eu

india

japan

korea

ruussia

usa

- Assists in the preparation and updating of blanket and divertor design documentation (design descriptions, interface control documents, etc.);
- Ensure the follow-up of Quality Assurance control procedures and documentation of the blanket and divertor;
- Provide technical support by witnessing the critical manufacturing steps during the procurement of the blanket and divertor;
- Assesses the blanket and divertor design and the manufacturing drawings produced by the suppliers, and ensures their consistency with the design requirements;
- Manages interfaces;
- Assists with the creation of technical reports and documents based on input from the technical staff;
- Prepares and follows-up on assembly and operational procedures;
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

Qualifications and Experience

- Education:**
 - Degree at least equivalent to 2-4 years of study after the High School Diploma, in Mechanical Engineering or other related discipline.
- Technical experience**
 - At least 8 years of relevant experience in Mechanical Engineering;
 - Experience in Quality Assurance procedures and non-destructive testing inspection techniques;
 - Industrial experience in the follow-up the manufacturing of mechanical parts;
 - Ability to work in a team and to collaborate within an international environment.

- ***Project experience***
 - Experience working in a design team and coordinating the activities of multidisciplinary and distributed personnel on a complex developmental project.
- ***Social Skills***
 - Strong interpersonal skills to work effectively in an international environment.
- ***Language requirements***
 - Fluent in English (written and spoken).
- ***Computer and IT skills***
 - Good knowledge of MS Word and Excel;
 - Understanding of CAD software and 2D technical drawings.

Direct Supervisor and Interfaces

- Reports to the Internal Components Division Head;
- Interfaces with all other Sections in the ITER Organization as required.

Authority / Approval Levels

This position has authority and approval levels generally defined by the DDG for the Tokamak Department for his/her scope of work.

Measures of Effectiveness

- Successfully generates and maintains coherent, comprehensive, and understandable technical documentation;
- Successfully generates and maintains coherent, comprehensive, and understandable Quality Assurance documentation;
- Successfully maintains effective communication within the ITER Organization.