

Cryostat Technical Engineer

TKM-100

Reports to Line Manager:	Cryostat Section Leader, Tokamak Department	Job Code:	TKM- 100
Direct Employment:	Required	Grade:	G4

Purpose

To provide support to the Cryostat Section personnel when they create interface documents;
To contribute the cryostat section's activities in matters related to drawings and interfaces;
To participate in developing designs for mechanical components.

Major Duties/Responsibilities

china

eu

india

japan

korea

ru^ssia

usa

- Participates in the development of designs for mechanical systems of the Cryostat and Vacuum Vessel Pressure Suppression System (VVPSS);
- Check CAD models/drawings generated by the Domestic Agencies (DAs) and also the ITER Organization (IO);
- Works with Computer Aided Design (CAD) designers during design and model preparation;
- With input from Cryostat Section Members, creates interface documents and other technical documents;
- Works in a multinational interdisciplinary team;
- Maintains high standards and works towards predefined goals with a high level of autonomy;
- 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' experience in a similar position in a large multidisciplinary project;
 - Working knowledge of mechanical manufacturing techniques and welding processes;
 - Previous experience in research and / or engineering projects would be an advantage.
- **Project experience**
 - Experience working in a design team and coordinating the activities of multidisciplinary and geographically distributed personnel on a complex developmental project.

- ***Social Skills***
 - Ability to meet deadlines and set priorities;
 - Excellent communication skills;
 - Demonstrated ability to produce high quality results;
 - 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;
 - Working knowledge of CAD systems.

Direct Supervisor and Interfaces

- Reports to the Cryostat Section Leader;
- Interacts on a daily basis with members of the Cryostat Section as well as external organizations.

Authority / Approval Levels

This position has authority and approval levels generally defined by the Head of the Vacuum Vessel Division for his/her scope of work.

Measures of Effectiveness

- Provides efficient and high quality service to the Cryostat Section and Section members;
- Establishes a good collaborative attitude with all members of the Cryostat Section.