

Technical Engineer for Integration of In-Cryostat Systems

PRO-073

Reports to Line Manager:	Leader of Design Integration & Configuration Control Section, Project Office	Job Code:	PRO-073
Direct Employment:	Required	Grade:	G4

Purpose

To support In-cryostat integration and port plug test facility activities.

Major Duties/Responsibilities

- Participates in the In-Cryostat design integration activities;
- Participates in the In-Cryostat Configuration Management Models (CMMs);
- Supports the definition and management of interfaces between components and systems;
- Performs integration check-in of 3D and 2D models;
- Interacts with the Design Office (DO) collaboration coordinator for data management exchange with the Domestic Agencies and Product Integrated Teams;
- Assists the port plug test facility Responsible Officer (RO);
- Interacts with the Domestic Agencies and ITER Departments to define System Requirements for the port plug test facilities;
- Follows the port plug test facility design and prototype manufacturing;
- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics.

china

eu

india

japan

korea

ru^ssia

usa

Qualifications and Experience

- **Education:**
 - University degree at least equivalent to 3-4 years of study after the High School Diploma, in the mechanical engineering field or other related discipline.
- **Technical experience:**
 - At least 8 years' experience in the design, construction, system engineering and integration of large scientific and/or nuclear projects;
 - Knowledge of the engineering aspects of the design of the Tokamak systems is an advantage.
- **Project experience:**
 - Previous experience in the integration, installation and assembly of large scientific and/or nuclear projects is an advantage.

- ***Social Skills:***
 - Good capability to interact with Responsible Officers of the different disciplines as well as the Design Office and Domestic Agencies;
 - Ability to work effectively in a multi-cultural environment;
 - Ability to work in a team and to promote team work.
- ***Language requirements:***
 - Fluent in English (written and spoken).
- ***Computer and IT skills:***
 - Previous experience with the use of Catia V5 and ENOVIA management system or PDM (Product Data Management) software would be beneficial.

Direct Supervisor and Interfaces

- Reports to the Design Integration Section Head;
- Interfaces with all involved Department Responsible Officers;
- Interacts directly with appropriate levels in the DO and ITER Domestic Agencies for his/her scope of responsibility.

Authority / Approval Levels

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

Measures of Effectiveness

- Strong commitment to the design integration studies;
- Effective management of interface and configuration control issues;
- Effective support of the port plug test facilities' activities;
- Acts in a collaborative manner with all involved people.