

TITLE: Technical Engineer for Integration of Port System		PRO 066
REPORTS TO LINE MANAGER: Head of Design Integration and Configuration Control Section, Project Office		
DIRECT EMPLOYMENT: REQUIRED		GRADE RANGE G5-G6
Date Written: July, 2008	Date Revised:	Date Revised:

Purpose:

To support the Responsible Officer for the integration of port system and for definition and management of the interfaces between systems.

Major Duties/Responsibilities:

- Supports the Responsible Officer of port integration for configuration control models, general layout, port allocation;
- Coordinates the configuration model development and maintenance of the ITER port components and interface models;
- Supports the definition and management of interfaces between components and systems;
- Performs integration checks on the 3D and 2D models of the ITER port components;
- Collects data from the ITER Responsible Officers and Domestic Agencies to ensure the completeness and consistency of the CAD models;
- Interacts with the Design Office (DO) Collaboration Coordinator for data management exchange;
- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics.

Qualifications and Experience:

- **Education:**
 - University degree in Mechanical Engineering.
- **Experience:**
 - More than 2 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 would be an advantage;
 - Previous experience in the integration, installation and assembly of large scientific and/or nuclear projects would be an advantage;
 - Ability to interact with the Responsible Officers of the different disciplines as well as the Design Office;
 - Good knowledge of the CATIA V5 system for drawings and models;
 - Previous experience with the use of ENOVIA (the CATIA models management system) or PDM (Product Data Management) software would be an asset.

- **Language requirements:**
 - The candidate must be fluent in English (speaking and writing) and have good communication skills in this language.

Work Direction and Interfaces:

- Reports to the Leader of Design Integration and Configuration Control Section within the Project Office;
- Interfaces with all involved Responsible Officers;
- Interacts directly with appropriate levels in the Design Office and ITER Parties' Domestic Agencies for all matters concerning his/her responsibilities.

Authority/Approval Levels:

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

Measures of Effectiveness:

- Successfully develops a consistent baseline for the ITER port systems;
- Successfully and effectively manages interface issues;
- Successfully establishes a good collaborative relationship with all involved people.