

TITLE: Technical Officer for Coordination with Design Office Activities		PRO 065
REPORTS TO LINE MANAGER: Leader of Design Integration and Configuration Control Section, Project Office		
DIRECT EMPLOYMENT: REQUIRED		GRADE RANGE G4-G5
Date Written: July, 2008	Date Revised:	Date Revised:

Purpose:

To coordinate the Design Office activities in the area of configuration models and to liaise between the Design Integration Section and the Design Office Configuration Control Section.

Major Duties/Responsibilities:

- Coordinates design activities performed by the designers of the Design Office Configuration Control Section;
- Develops and maintains the configuration control models, general assembly drawings, configuration control list of models for Tokamak components and plant systems;
- Develops interface control models (skeleton models) to define the geometric interfaces and key interface tolerances;
- Prepares and participates in the model approval and interface review meetings;
- Performs integration checks on the 3D and 2D models produced by the other departments and Parties;
- Interacts with the ITER departments, field teams and Domestic Agencies to ensure the completeness and consistency of the CAD models and engineering database;
- Interfaces with the assembly, remote handling and civil construction groups for all matters concerning his/her responsibilities;
- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics.

Qualifications and Experience:

- **Education:**
 - Diploma of higher education (or equivalent certificate) in Computer-Aided Mechanical Design.
- **Experience:**
 - More than 5 years' experience in the design, construction, system engineering and integration of large scientific and/or nuclear projects;
 - Very good knowledge of the CATIA V5;
 - Good knowledge of ENOVIA models management system used in ITER;
 - Ability to coordinate the activity of a small group of designers;

- Excellent capability of interacting with the Responsible Officers of the different disciplines with whom he/she interfaces;
- Knowledge of the engineering aspects of the design of the Tokamak systems would be an advantage.
- **Language requirements:**
 - Good communication skills in written and spoken English.

Work Direction and Interfaces:

- Reports to the Leader of the Design Integration and Configuration Control Section within the Project Office;
- Interfaces with the Design Office Design Coordinators (DECO's) and section heads.
- Maintains frequent communication with the technical officers in other ITER departments and interacts directly with appropriate levels in the Field Team 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 Project Office for his/her scope of work.

Measures of Effectiveness:

- Successfully develops and maintains the ITER digital mock-up.
- Successfully manages efficiently interface issues.
- Successfully establishes a collaborative relationship between the Project office and Design Office.