

# IO1270 Interface Management Technical Officer CIE-243

## General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Central Integration & Engineering
Division	CIE / Technical Integration Division
Section	CIE / TI / Design Integration Section

## Job description

Main job	Engineering - Design
Title of the position	Interface Management Technical Officer CIE-243
Job family	Experienced Technician - 1
Grade	G4
Direct employment	Required
Purpose	<p>To control the status of the interfaces and assist the section leader in the preparation of interface status reports for the overall project;</p> <p>To support In-Cryostat and Port systems Project Engineers in the management of the approved configuration and control of the interface activities between systems.</p>
Main duties / Responsibilities	<p>Controls the timely update of interface documents (Interface Control Documents and Interface sheets) for in-cryostat and port systems through the project life cycle;</p> <p>Performs integration check of 3D models and identifies remaining interferences between components and systems with the aid of the Virtual Reality (VR) Platform;</p> <p>Participates in the management of the approved tokamak basic machine digital mock-up configuration model by fixing the appropriate interface definition between components and systems;</p> <p>Participates to in-cryostat and port systems interfaces definition resolution and monitoring activities;</p> <p>Reports on non-conformity issues regarding interfaces between systems;</p> <p>Supports the definition and monitoring of interface volumes reserved for in-cryostat assembly and maintenance;</p> <p>Supports the management of the as-built machine configuration updating interfaces accordingly;</p> <p>Supports the definition of the interface database into the Engineering Database (EDB);</p> <p>Supports the safety studies to minimize the radiation doses (ALARA) by implementing the interfaces requirements in the baseline configuration;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p>
Measures of effectiveness	<p>Under the supervision of the Tokamak Integration Project Engineer, reports to the Design Integration Section Leader;</p> <p>Acts as an interface with all involved ROs of Departments and Interacts directly with appropriate levels in the CAD &amp; Design Coordination Division and ITER Domestic Agencies for all matters of his/her responsibilities.</p> <p>In response to requests from the Director-General and/or Director for Central Integration &amp; Engineering (CIE) Directorate, or proactively, informs the DG/ Director for CIE Directorate of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p> <p>Demonstrates a strong commitment in the management of the configuration;</p> <p>Delivers an effective management of interface and configuration control issues;</p> <p>Delivers effective support of the assembly and as built configurations;</p> <p>Establishes a good collaboration attitude with all involved people.</p> <p>ID: 50000093</p> <p>Project Construction Phase</p>

Applicant criteria

Level of study	At least Bachelor's degree or equivalent
Diploma	Mechanical Engineering filed
Level of experience	At least 5 years
Technical experience	Experience in the design engineering of mechanical systems, integration and interface management; Previous experience in the integration, installation and Interface management of large scientific and/or nuclear projects is an advantage; Knowledge of the engineering aspects of the design of the tokamak systems is an advantage.
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Good capability to interact with Responsible Officers (ROs) of the different disciplines as well as the CAD & Design Coordination Division and Domestic Agencies.
Languages	English (Working)
Specific skills	CATIA, ENOVIA, MS Office standard (Word, Excel, PowerPoint, Outlook)