

# IO1330 Port Plug Test Facility System Engineer CIE-228

## General information

Job category	Standard
Status	Confirmed
Department	DIP/Directorate for Central Integration & Engineering
Division	CIE / Project Engineering & Integration Division
Section	CIE / PEI / Design Integration Section

## Job description

Main job	Engineering - Design
Title of the position	Port Plug Test Facility System Engineer CIE-228
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<p>To oversee the design and procurement of the Port Plug Test Facility (PPTF).</p> <p>To support the Design Integration Section in matters related to the coordination of port plug and in-vessel components activities for what concerns their qualification in the test facilities.</p>
Main duties / Responsibilities	<p>Supports the Port Plug Test Facility responsible officer for all tasks related to the design development and manufacturing of the port plug test facility;</p> <p>Defines the interfaces with all the interfacing systems and manages the interface sheets;</p> <p>Maintains the PPTF project documentation;</p> <p>Oversees the integration of the port plug test facility in the DAs, ITER site temporary host building and hot cell building;</p> <p>Interfaces with the Domestic Agency (DA) for Russia (RF) for all technical tasks related to the procurement arrangement;</p> <p>Reviews and comments all the technical documentation provided by the RF-DA;</p> <p>Interfaces with the DA for the United States (US) and the DA for the European Union (EU) which will host two test stands;</p> <p>Participates actively at the preparation of the design reviews;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule or 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 coordination of the Port Cells and Port Systems area manager; reports to the Design Integration Section Leader;</p> <p>Interfaces with DAs and all other ITER Departments and Divisions;</p> <p>In response to requests from the Director-General and/or Director of Central Integration &amp; Engineering (CIE) Directorate, or proactively, informs the DG/Director of 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>Defines efficiently the interfaces with the port plug systems and with all other support systems;</p> <p>Ensures effective collaboration with the RF-DA and provides the necessary input information in a timely manner;</p> <p>Reviews all the technical documentation produced by the RF-DA and provides a critical analysis;</p> <p>Accurately and timely develops and maintains the PPTF project documentation.</p> <p>Project construction phase.</p>

## Applicant criteria

Level of study	Master or equivalent degree
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Diploma	in the System engineering field or other relevant
Level of experience	At least 8 years
Technical experience	Experience in the system engineering field At least 5 years' experience in design and procurement of nuclear systems; Good knowledge of mechanical design codes and standards such as ASME; Proven experience in the contractual requirement definition and in procurement management in large projects; Experience with design and fabrication of vacuum and hot water baked systems is an advantage.
Project experience	2 to 4 years
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
Languages	English (Working)
Specific skills	Ansys, CATIA, Computer Aided Design, MS Office standard (Word, Excel, PowerPoint, Outlook)