

IO1366 Cryogenic Process & Interfaces Engineer CEP-137

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Central Engineering & Plant
Division	CEP / Plant Engineering Division
Section	CEP / PED / Cryogenic System Section

Job description

Main job	Engineering - Cryogenics
Title of the position	Cryogenic Process & Interfaces Engineer CEP-137
Job family	Engineer - 1
Grade	P2
Direct employment	Required
Purpose	<p>To participate and support the engineering for the ITER Cryogenic System.</p> <p>To contribute to the definition and control of the requirements and interfaces of the Cryogenic System.</p>
Main duties / Responsibilities	<p>Develops, implements, reviews and updates internal and external interfaces management documents;</p> <p>Proposes to the responsible officers definition, review and update of Process and Flow Diagrams (PFDs), Process and Instrumentation Diagrams (P&IDs) and required wiring diagrams;</p> <p>Implements the system configuration management and product assurance plan for the cryogenic system;</p> <p>Drafts the assembly, installation and testing plans of the cryogenic system;</p> <p>Establishes and executes the operation and maintenance procedures for the cryogenic system and defines the required operational spare parts and maintenance plan;</p> <p>Develops and maintains the communication and information plan, the document management plan for the cryogenic system and the implementation in the data base;</p> <p>Organizes and coordinates the reviews of the cryogenics system;</p> <p>Provides the Section's technical document management and participates in preparing or updating its baseline documentation;</p> <p>Performs other duties in support of the project schedule as described in the Detail Work Schedule (DWS) and the Strategic Management Plan (SMP);</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>Reports to the Cryogenic System Engineering Section Leader;</p> <p>Interacts with members within ITER and outside collaborators as required;</p> <p>In response to requests from the Director-General (DG) and/or Director for Central Engineering and Plant (CEP) Directorate, or proactively, informs the DG/ Director for CEP 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>Implement the cryogenic system configuration management and quality assurance plan;</p> <p>Establish and review PFDs and P&IDs as well as wiring diagrams;</p> <p>Successfully and timely review and update the interface control documents;</p> <p>Interface as required with members of the Organization to review and update procedures and interface documents.</p>
	Project Construction Phase

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Process, Nuclear, Cryogenics Engineering

Level of experience	At least 5 years
Technical experience	At least 5 years' experience in the development, design, and commissioning of complex systems or facilities preferably in the nuclear field; Excellent knowledge of process engineering; Good knowledge of project tools for system engineering; Good knowledge of design code and standards; Good practical knowledge of factory acceptance tests and commissioning of complex equipments.
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	MS Office standard (Word, Excel, PowerPoint, Outlook)