

# IO1308 Cryogenic Process & Interfaces Engineer CEP-137

## General information

Job category	Standard
Confidential	No
Status	Draft
Department	DIP/Directorate for Central Engineering & Plant
Division	CEP / Plant Engineering Division
Section	CEP / PED / Cryogenic System Section

## Job description

Main job	Engineering - Nuclear Power
Title of the position	Cryogenic Process & Interfaces Engineer CEP-137
Job family	Engineer - 1
Duration of the contract	5 years
Grade	G6
Direct employment	Required
Supervised by:	Section Leader
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&amp;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>Project Construction Phase</p> <p>Implement the cryogenic system configuration management and quality assurance plan</p> <p>Establish and review PFDs and P&amp;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>

## Applicant criteria

Level of study	Master or equivalent degree
Diploma	In Process, Nuclear, Cryogenics Engineering
Level of experience	At least 5 years
	Work experience in the development, design, and commissioning of complex systems or facilities preferably in the nuclear field;
Technical experience	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)

## Origin of the job

Entity	ITER ORGANIZATION
Recruitment reason	New position

## HR Follow-up

Email alerts	Every 10 applications
Main recruiter in charge	Mélanie Picarel
Followed by	CHOE Hyunejune
Alert recipient(s)	Mélanie Picarel
Publication default start date	4/29/2013
Publication default end date	5/29/2013
Automatic update	No