

IO1176 Cooling Water Process Engineer CEP-119

General information

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

Job description

Main job	Engineering - Mechanics
Title of the position	Cooling Water Process Engineer CEP-119
Job family	Project engineering
Grade	P3
Direct employment	Not required
Supervised by:	Section Leader
Purpose	<p>To specify and develop the global functional analysis, architecture and process control for the ITER Cooling Water System (CWS).</p> <p>To prepare and develop the testing, commissioning and pre-operation of the Cooling Water System.</p>
Main duties / Responsibilities	<p>Specifies and develops the global functional analysis, architecture and process control for the ITER Cooling Water System (CWS);</p> <p>Provides support to the preparation and reviews the Technical Specifications of the Process Controls and Instrumentation for the CWS made by the concerned Domestic Agencies;</p> <p>Manages the schedule for the testing, and commissioning of CWS;</p> <p>Supports the CWS Technical Responsible Officer for the preparation of the on-site testing of the CWS;</p> <p>Participates to the testing and final acceptances of CWS components and sub-systems organized by Domestic Agencies and relevant manufacturers;</p> <p>Supports the CWS Technical Responsible Officer for the final acceptance tests of in-kind components as specified in the relevant procurement arrangement;</p> <p>Supports the CWS Technical Responsible Officer to the definition of testing and commissioning of the CWS;</p> <p>Participates to the testing and integrated commissioning of the CWS with the Assembly and Operation Division;</p> <p>Supports the CWS Technical Responsible Officer in the operation and maintenance of the CWS during the pre-operational phase;</p> <p>Prepares and reviews commissioning, testing, operation and maintenance procedures;</p> <p>Prepares training courses for the operators of the CWS;</p> <p>Contributes to ensure quality assurance and to manage interface issues;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Breakdown Structure 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>Reports to the Cooling Water System Section Leader;</p> <p>In response to request from the Director-General (DG) and/or the Director of Central Engineering and Plant (CEP) Directorate, or proactively, informs the DG/Director of 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>Communicates with the ITER machine assembly and operation engineers and designers;</p> <p>Communicates with other Domestic Agencies and their Subcontractors within the ITER collaboration and the fusion community;</p>

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Nuclear, Chemical, Process Engineering
Level of experience	At least 8 years
Technical experience	Experience in the process engineering for large installations, preferably in the nuclear field; At least 2 years' experience in the commission and/or operation of complex installations, preferably in the nuclear field. Previous experience with the testing and operation of large and complex cooling water system would be highly desirable.
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	MS Office standard (Word, Excel, PowerPoint, Outlook); Interfaces with other ITER Technical Directorates, as required; Maintains communication with other organizations within the ITER collaboration and the fusion community;
Languages	English (Working)

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	Jean-Yves Tataranno
Alert recipient(s)	Mélanie Picarel
Publication default start date	3/26/2012
Publication default end date	4/25/2012
Automatic update	No