

IO1176 Cooling Water Process Engineer CEP-119

General information

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