

IO1313 Cooling Water Process Technician CEP-052

General information

Job category	Standard
Confidential	No
Status	Draft
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 Technician CEP-052
Job family	Technician - 3
Duration of the contract	5 years
Contractual hours	Full time
Grade	G4
Direct employment	Required
Supervised by:	Section Leader
Purpose	<p>To provide technical support for the monitoring of the design and the process integration of the Cooling Water System (CWS) in close collaboration with the Indian (IN) and American (US) Domestic Agencies (DAs) as well as relevant technical divisions at ITER Organization (IO).</p> <p>Provides technical support for the definition and update of the CWS 3D models for piping and systems design with particular interest to the integration with other interfaces;</p> <p>Provides technical support and participates to the final approval of the CWS 2D drawings as Process and Flow Diagrams, Pipe and Instrumentation Diagrams;</p> <p>Produces technical drawings (isometrics) and participates to the piping final design, procurement and manufacturing activities made by the concerned DAs and their sub-tires suppliers and manufacturers or directly coordinated by IO;</p> <p>Produces detailed assembly 3D and 3D drawings and participates to the piping pre-assembly and pre-installation activities made at the IO;</p> <p>Collaborates to prepare drawings for the Equipment Technical and Procurement Specifications for the CWS piping and systems;</p> <p>Produces detailed 3D drawings of the CWS piping modules, spools, skids and support structures;</p>
Main duties / Responsibilities	<p>Participates to the tenders for the evaluation of suppliers and manufacturers of CWS piping and check the conformity of drawings for the final selection;</p> <p>Reviews the documents and drawings prepared by the manufacturers;</p> <p>Participates to the prefabrication or pre-assembly of the piping in skids or spools with supporting structures as proposed by the manufacturer and according to the IO assembly schedule;</p> <p>Participates to the CWS assembly of the piping system at IO Cadarache;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and 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> <p>Reports to the Cooling Water System Section Leader;</p> <p>Acts as a reference for the Cooling Water System section and the Design Office, Design Integration and Assembly sections;</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>

Measures of effectiveness	<p>Provides relevant technical support to the oversight of the Cooling Water System (CWS) piping design and procurement; Communicates effectively with other stakeholders within the framework of ITER collaboration and the fusion community</p> <p>-ID SAP : 500001079. -Project Construction Phase.</p>
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Applicant criteria

Level of study	At least Bachelor's degree or equivalent
Diploma	in mechanical, nuclear, chemical engineering
Level of experience	At least 5 years
Technical experience	Technical experience in the design of complex and large piping systems; Experience to prepare 2D and 3D drawings for piping systems
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)
Others	<p>Excellent knowledge of software applications for development of 3D model and 2D drawings with CATIA and ENOVIA;</p> <p>Good knowledge of computer codes for piping stress analysis of and design of the support structures will be considered as advantage;</p>

Origin of the job

Entity	ITER ORGANIZATION
Recruitment reason	Replacement

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