

IO1167 Cooling Water System Resp Officer CEP-003

General information

Job category	Standard
Confidential	No
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 - Nuclear Power
Title of the position	Cooling Water System Resp Officer CEP-003
Job family	Project engineering
Duration of the contract	up to 5 years
Contractual hours	Full time
Grade	P4
Direct employment	Not required
Supervised by:	Section Leader
Purpose	<p>To be responsible for the integration, all design aspects, assembly, installation, commissioning and operation of the ITER Tokamak cooling water systems (TCWS);</p> <p>To collaborate with the internal clients (ITER Divisions/Sections who will use Tokamak cooling water systems) and also with designers in the Domestic Agencies to complete the TCWS procurement in accordance with the client requirements.</p>
Main duties / Responsibilities	<p>Is responsible for designing the TCWS according to the relevant functional requirements;</p> <p>Supports and reviews the TCWS Preliminary and Final Design performed by the US Domestic Agency;</p> <p>Reviews and approves documents and drawings for the procurement and manufacturing of TCWS components;</p> <p>Integrates and coordinates the TCWS design with the rest of the system/components in ITER;</p> <p>Manages the schedule for the design, manufacturing, testing, delivery, installation and commissioning of TCWS;</p> <p>Participates, to provide acceptance of components and sub-systems, on the factory testing of the TCWS;</p> <p>Oversees, coordinates and supports the assembly and the installation of the TCWS to be performed by the Assembly Section;</p> <p>Prepares and updates as required the Design Description (DD) of the TCWS;</p> <p>Performs the on-site testing and commissioning of the TCWS;</p> <p>Prepares the design documents for testing, integrated commissioning and pre-operational activities of TCWS;</p> <p>Supports the licensing activities in close contact with the safety group;</p> <p>Contributes to ensuring quality assurance and to managing 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 requests from the Director-General and/or the Director for Central Engineering and Plant, or proactively, informs the DG/Director for Central Engineering and Plant 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>Successfully communicates with the ITER machine components designers to optimize both component and remote maintenance equipment design and performance;</p>

Successfully communicates with other Participant Teams/organizations within the ITER collaboration and the fusion community;
Successfully completes tasks assigned under Main Duties / Responsibilities above.

Applicant criteria

Level of study	Master or higher degree
Diploma	Mechanical, Nuclear or Chemical Engineering
Level of experience	At least 10 years
Technical experience	At least 10 years'experience as a mechanical/plant system engineer; Knowledge of design, layout and construction of Cooling Water Systems; Relevant experience in design code for pressure vessels and piping systems.
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Free criteria	Interfaces with other ITER Technical Directorates, as required; Maintains communication with other organizations within the ITER collaboration and the fusion community; Interacts with personnel throughout the ITER Organization and Domestic Agencies on cooling water matters.

Origin of the job

Entity	ITER ORGANIZATION
Recruitment reason	Replacement

HR Follow-up

Email alerts	Every 10 applications
Main recruiter in charge	Eline WISSINK
Followed by	Violette Andre
Alert recipient(s)	Eline WISSINK
Publication default start date	2/21/2012
Publication default end date	3/22/2012
Automatic update	No