

IO1316 Maintenance Engineer CIE-238

General information

Job category	Standard
Status	Confirmed
Department	DIP/Directorate for Project Control & Assembly
Division	PCA / Assembly & Operations Division
Section	PCA / AOP / Maintenance & Remote Handling Section

Job description

Main job	Engineering - Maintenance
Title of the position	Maintenance Engineer CIE-238
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<p>To propose, develop and implement the ITER machine and plant maintenance policy and maintenance plan. To establish the principles and basic architecture of processes, procedures and related applicable documents for the maintenance of the structures, systems and components (SSC's) of the ITER nuclear facility.</p>
Main duties / Responsibilities	<p>Implements the maintenance recommendations included in the Preliminary Safety Report taking into account the French nuclear regulatory framework for nuclear basic facilities (INB); Ensures that maintenance related to safety importance class (SIC) systems and components shall comply with French regulations;</p> <p>Ensures that Structures, Systems and Components performing a safety function are subject to controlled and scheduled maintenance (including examination, inspection and testing); Generates maintenance procedures and maintenance records associated with each systems and components;</p> <p>Enforces the mandatory requirements for in service inspection and protection of occupational health and safety;</p> <p>Enforces the policies, processes and procedures required to ensure that the Structures, Systems and Components design is compatible with the ITER project maintenance capability; Maximizes maintenance performance in accordance with Reliability, Availability, Maintainability & Inspectability (RAMI principles),</p> <p>Implements the actions needed to ensure that the ITER structures, systems and components design meet the requirements of the ITER machine, through interaction with the IO engineers, with Domestic Agencies and industries;</p> <p>Provides regular and ad-hoc status and summary reports about the implementation of the ITER maintenance strategy;</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 Maintenance & Remote Handling Section Leader;</p> <p>Interfaces effectively with all ITER Directorates' responsible for structures, systems and components requiring maintenance;</p> <p>In response to requests from the Director-General and/or Project Control & Assembly Director or proactively, informs the DG/PCA Director 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>Proposes realistic and effective strategy for maintenance of the ITER Machine;</p> <p>Issues relevant processes and procedures to implement maintenance strategy;</p> <p>Effectively communicates with the ITER machine components designers to optimize both component and remote maintenance equipment design and performance;</p> <p>Effectively communicate with DAs and industry to progress design activities and procurement processes;</p>

Effectively controls and maintain the schedule for the execution of assigned activities.

ID SAP: 50001013

Project Construction Phase

Applicant criteria

Level of study	At least Master's Degree or equivalent
Diploma	Engineering or technical domain
Level of experience	At least 8 years
Technical experience	<p>At least 8 years' experience working on the maintenance of large industrial/process plant and/or nuclear installations is required;</p> <p>At least 5 years' experience of nuclear regulatory requirements applying to the maintenance of nuclear installations is required;</p> <p>Experience in complex systems' requirements and interfaces assessment, maintenance requirements definition and maintenance system management is required;</p> <p>Basic Project Management experience is required.</p>
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)