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JOB DETAIL

Ref. IO1782 - 10/19/2016

Construction Quality Control Engineer - CIO-081

Main job	Construction
Department	CIO/ Central Integration Office
Division	CIO / Configuration Management Section/Division
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	11/30/2016
Grade	P2
Direct employment	Not required
Purpose	-To coordinate the implementation of the project-wide quality control program, support field engineering teams in their technical surveillance during the construction, testing and commissioning of the ITER plant to assure quality control of the components and systems, and provide expertise in all relevant matters; -To support system designers by contributing to and reviewing construction specifications regarding quality controls, to review inspection and test plans issued by contractors, ensuring they are compliant with construction specifications and proposing appropriate and proportional inspection and witness points for surveillance, particularly for safety related and quality class I components during the construction, testing and commissioning phases and activities;
Main duties / Responsibilities	-Defines a work plan/action plan aiming at reaching the objectives described above; -Collaborates with the Quality Assurance (QA) and other Quality Control (QC) personnel to establish appropriate field quality control and surveillance activities for on-site construction works; -Contributes to the production of construction specifications by engineering staff, particularly regarding requirements for quality controls, including those defined by applicable codes and standards; -Plans and coordinates the review of construction specifications and inspection and test plans, ensuring this is consistent with the construction schedule; -Reviews non-conformities raised during construction, provides recommendations and proposes lessons learnt, shares this experience between different technical staff; -Reviews inspection and test results and records provided by suppliers and writes reports; -Identifies deviation and non-conformities and participates in the process of Non Conformance Reports (NCR), in particular to ensure timely resolution; -Interfaces with responsible design and field engineers in the execution of the above tasks; -Liaises with ITER Quality Assurance & Assessment Division (QAA) for the implementation of QA requirements; -Performs other duties in support of the project schedule; -May be requested to be part of any project teams and to perform other duties; -Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. -Reports to the Configuration Management Section/Division Head; -Acts as an interface between all other Departments within the ITER Organization, as required -Interfaces with the Construction Department;
Measures of effectiveness	-In response to requests from the Director-General (DG) and/or Central Integration Office (CIO) Head, or proactively, informs the DG/ CIO Head 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. -Contributes efficiently to the surveillance of installation

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and assembly activities of the ITER systems and/or components in a timely manner and within defined costs;
-Ensures construction specifications and associated documentation are consistent, clear and correct.
-Ensures effective review of Inspection and Test Plans and solution of Non-Conformity Reports in a timely manner;
-Generates and maintains coherent, comprehensive, and accurate documentation;
-Maintains effective communications within the ITER Organization.

Project Construction Phase

Level of study	Master or equivalent degree
Diploma	Mechanical Engineering
Level of experience	At least 5 years
Technical experience/knowledge	<p>-Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.</p> <p>-At least 5 years' experience in inspection and supervision related to quality controls (including materials, welding, Non Destructive Testing, leak testing and pressure testing, etc.); also including stainless steel piping and tanks; -Demonstrated experience in surveillance and/or supervision of the site construction of Nuclear Pressure Equipment and/or Pressure Equipment; -General knowledge of nuclear quality assurance program; -General knowledge of nuclear safety regulations, codes and standards. -Basic Project Management experience is required.</p>
Social skills	<p>Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit Ability to communicate effectively</p>
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Languages	English (Fluent)

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