

IO2013 Coating Insulation Field Engineer CST-149

General information

Job category	Standard
Status	Published
Department	CST / Construction Department
Division	CST / Tokamak Complex Section/Division

Job description

Main job	Engineering - Facilities engineering
Title of the position	Coating Insulation Field Engineer CST-149
Job family	Engineer - 1
Grade	P2
Direct employment	Not required
Purpose	<p>To ensure the overall quality of coating, insulation and fireproofing throughout the construction of the Tokamak Complex Worksite as required by the ITER project during installation activities; To assure the correct implementation of above mention activities by contractor's according to Safety and Quality Assurance (QA) requirements, in compliance Quality Control (QC) requirements and with the time schedule.</p>
Main duties / Responsibilities	<p>Supervises the entire coating and insulation process during the prefabrication and installation of the Structure, Systems and Components inside the Tokamak Complex Worksite in full integration with the Construction Management as Agent (CMA), Safety Department, Quality Surveillance and relevant Technical Responsible Officers (TRO) of the Plant Breakdown Structure (PBS);</p> <p>Prepares, plans, coordinates and implements Technical Work Packages in support of the planning and construction of the coating and insulation processes including storage, sand blasting, surface cleaning, coating, wet painting, cold & hot insulation and fire proof insulation etc.;</p> <p>Participates in the Witness and Hold points and verifies authorized signatures on coating and insulation activities in conjunction with the CMA and QA/QC representatives as based on approved Inspection & Test Plans;</p> <p>Identifies potential safety, quality or technical issues by using the Request For Information (RFI) and Technical Query (TQ) tools for coating and insulation activities whilst in tandem, managing the resolution of each TQ in conjunction with the Contractor, Safety Department, Quality Surveillance and the CMA;</p> <p>Supports and coordinates the development of technical solutions and follows the non-conformance and repair process where applicable;</p> <p>Performs the execution of punch list work, closure and final documentation;</p> <p>Supports the CMA in verifying all the manufacture dossiers, system qualifications, personnel qualifications, raw material MSDS, records, as-built drawings and supporting documentation for the project completion;</p> <p>May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays;</p> <p>Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;</p> <p>May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, QA Program, values and ethics.</p> <p>Reports to the Tokamak Complex Section/Division Head;</p> <p>Interfaces directly with all Departments of the ITER Organization and external members (i.e. the CMA and associated Craft Personnel);</p> <p>In response to requests from the Director-General (DG) and/or the Director for Construction Department (CST), or proactively, informs the DG/Director for CST 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	Proposes and implements efficient strategies and methods in order to define, validate, execute

and control the coating and insulation process within the defined cost, quality and schedule;
 Anticipates and resolves potential safety, quality, or technical issues in a timely manner;
 Generates and maintains coherent and comprehensive reporting and documentation;
 Maintains and promotes effective communication channels and tools within the IO, CMA and Tokamak Complex Systems PBS TRO;
 Complies with the ITER QA/QC and safety requirements.

Project Construction Phase

Applicant criteria

Level of study	Bachelor or equivalent degree
Diploma	Anti-Corrosion, Coating, Insulation Engineering
Level of experience	At least 7 years
Technical experience/knowledge	<p>At least 7 years of professional experience of industrial coating, painting, cold & hot and fire proof insulation of large scale industrial plants; Experience in industrial codes and standards applicable to coating and insulation international projects or environments; Certified coating inspector or insulation inspector is considered as an advantage; Professional experience in fusion or research projects is considered as an advantage; Involvement in procurement, tendering and contract administration (detailed knowledge of contract forms, their applications and administration would be a strong advantage); Experience of the entire life-cycle of projects from Tender to Handover; Experience of writing clear and concise reports; 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>
Social skills	<p>Ability to work in a team and to promote team spirit</p> <p>Proactive, with drive and initiative; Ability to work effectively in a multi-cultural environment;</p>
General skills	<p>Ability to facilitate dialogue with a wide variety of contributors and stakeholders; Ability to manage conflicts, adjusting communication content and style to deliver messages; Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.</p>
Languages	English (Fluent)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	<p>Fluent English (written and spoken) suitable for contract documentation purposes; Knowledge of software types usually used within a multidiscipline project environment computer aided design, scheduling software, estimating software, etc.</p>