

# IO2045 Electrical Construction Engineer CST-154

## General information

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

## Job description

Main job	Engineering - Electricity
Title of the position	Electrical Construction Engineer CST-154
Job family	Engineer - 1
Grade	P2
Direct employment	Not required
Purpose	<p>To assure the Operator Surveillance Role during installation in defined Worksites as required by ITER project during installation activities;</p> <p>To ensure that the cable installation testing activities are correctly implemented according to Safety and Quality Assurance /Quality Control (QA/QC) rules and in compliance with the time schedule.</p>
Main duties / Responsibilities	<p>Supervises the cable pulling and installation testing activities inside the Tokamak Complex Worksite in full integration with the Construction Management as Agent (CMA), Safety Department, Quality Surveillance and relevant Plant Breakdown Structure's Technical Responsible Officer (PBS TRO);</p> <p>Participates in the Witness and Hold points on cable pulling and testing, in conjunction with the CMA and relevant QA/QC representatives for inspections, continuity testing, insulation resistance test activities as based on approved Inspection &amp; Test Plans;</p> <p>Verifies authorized signatures when dealing with the above activities ;</p> <p>Reviews and develops concepts with the CMA/PBS TRO related to the cable pulling and testing plans, constructability &amp; sequencing;</p> <p>Identifies the methods required to ensure the safe, successful and timely installation of the cable pulling and testing;</p> <p>Identifies potential safety, quality or technical issues by using the Request For Information (RFI) and technical query tools for cable pulling &amp; installation testing activities;</p> <p>Manages the resolution of any issues in conjunction with the Contractor, Safety Department, Quality Surveillance and the CMA;</p> <p>Monitors the progress of cable pulling &amp; installation testing and subsequently reports back to Construction Team Head;</p> <p>Interfaces on technical matters between the Construction Management Agent (CMA), general service contractors and the ITER Organization engineering departments;</p> <p>Follows the resolution of the in-field engineering changes and installation non-conformance;</p> <p>Monitors the execution of punch list work, closure and final documentation;</p> <p>Supports the CMA in verifying all the manufacture dossiers, pulling and testing records, as-built drawings and supporting documentation for project closure;</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, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct.</p> <p>Reports to the Tokamak Complex Section/Division Head;</p> <p>Interfaces directly with all Departments of the ITER Organization i.e.(IO, the CMA and associated craft personnel);</p>

Measures of effectiveness	<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> <p>Ensures that cable pulling and installation are well coordinated and integrated with other worksite activities;</p> <p>Generates and maintains coherent, comprehensive, and understandable documentation;</p> <p>Maintains effective communication within the IO, CMA and the Domestic Agencies;</p> <p>Ensures compliance with the ITER Quality Assurance (QA) program and safety requirements for cable testing activities.</p> <p>Project Construction Phase</p>
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## Applicant criteria

Level of study	Master or equivalent degree
Diploma	Engineering or Electricity
Level of experience	At least 5 years
Technical experience/knowledge	<p>At least 5 years' experience in the construction and commissioning of large scale industrial plants;</p> <p>At least 2 years' professional experience in cable and testing activities in nuclear industry or relevant construction projects, if possible within an international environment;</p> <p>Experience in writing clear and concise reports.</p> <p>The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains;</p>
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <p>Proactive, with drive and initiative;</p> <p>Collaborate: Ability to dialogue with a wide variety of contributors and stakeholders;</p> <p>Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;</p>
General skills	<p>Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;</p> <p>Manage Complexity: Ability to gather multiple and diverse sources of information to define problems accurately before moving to proposals;</p> <p>Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.</p>
Languages	English (Fluent)
Specific skills	Computer Aided Design, MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	<p>Proficient command of the Microsoft Office packages;</p> <p>Knowledge of software types usually used within a multidiscipline project environment such as computer aided design, scheduling software, estimating software, etc.</p>