

# IO2133 Quality Engineer QMD-005

## General information

Job category	Standard
Status	Published
Department	DG / Director-General
Division	Quality Assurance & Assessment Division

## Job description

Main job	Quality-Methodology - Quality Assurance
Title of the position	Quality Engineer QMD-005
Job family	Functional Officer - 1
Grade	G6
Direct employment	Not required
	SAP ID: 50001179
	To audit, interface and coordinate the assessment and resolution of risks and issues related to Quality for the ITER Project. To follow-up and implement quality tools and processes, ensuring that quality project requirements are respecting defined rules and regulations within the integrated management system.
Purpose	Background:  The Quality Management Division (QMD) supports the Director-General independently from other domains and departments to specify the project's quality requirements, perform independent assessments on compliance with these requirements and coordinate the integrated management system through the Management & Quality Program (MQP). As the project is now in the construction phase, there are more coordination and supervision activities of contractors and the Construction and Management Agent (CMA).  Please note that an organizational restructuring is planned in accordance with the needs of the organization and the evolution of the project phases. In this context, the unit of assignment of the present positions may be updated in late 2019, early 2020.  Establishes, coaches and supervises the implementation of quality management plans during the in-kind or in-cash procurement, construction, testing and commissioning of the ITER plant and provides expertise and support to the ITER technical staff in all relevant matters; Identifies and monitors control points and gate reviews, checklists, Go/No-Go criteria, applicable Sign-Off Authorities (SOA) and Responsible Officers (ROs) together with applicable product standards, working procedures and instructions; Provides support in the management of quality related issues, risks and/or opportunities; Ensures constructive solutions or lessons learnt are shared or reflected in MQP work plans; Provides support in the assessment of the MQP, especially Quality Assurance Program (QAP) implementation, and supports any improvements of the MQP system; Leads activities related to the compliance of transversal activities with MQP and regulations, such as the management of Deviation Reports (DRs) and Non-Conformity Reports (NCRs) and Corrective Action Reports (CARs); Assists in the implementation of quality training program for staff; Participates in internal and external audits, assessments, supervisions or inspections as assigned; May be requested to support any of the project/construction teams and to perform other duties in support of the project; May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays; May be requested to work on beryllium-containing components. In this case, you will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Training and support will be provided by the ITER Organization.
Main duties / Responsibilities	

Measures of effectiveness	<p>Ensures the effective establishment and implementation of quality control plans and continuous improvement to achieve the project's technical requirements within the defined quality, cost and schedule;</p> <p>Monitors efficiently, proactively and in a timely manner the ITER Organization's compliance with the Quality Assurance Program (QAP) for the defined scope;</p> <p>Ensures effective inspections and issues accurate related reports in a timely manner;</p> <p>Generates and maintains coherent, comprehensive and accurate MQP documentation;</p> <p>Maintains effective communications within the ITER Organization and ensures that the Domestic Agencies, Suppliers and Contractors are well informed and guided in due time for proper fabrication of components.</p>
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## Applicant criteria

Level of study	Master or equivalent degree
Diploma	electrical, electromechanical or similar
Level of experience	<p>At least 5 years</p> <p>At least 5 years of proven experience in quality management related to the installation, inspection and testing of electrical components and systems in a large construction project;</p> <p>Good experience in the implementation of quality systems in the highly regulated industry;</p> <p>Good knowledge of quality, safety and environmental standards;</p> <p>Quality Audit and Quality supervision experience are desirable.</p>
Technical experience/knowledge	<p>Planning: Create SMART plans by investigating and identifying all the key inputs. Review effectively and efficiently Quality Planning, Design Control Plan, and Inspection Plan. Identify conflicts, issues, duplication with the original plan and notify appropriate parties proposing solutions.</p> <p>Safety: Implement nuclear safety standards, rules and regulations and propagate nuclear safety requirements.</p> <p>Risk management: Propose a range of solutions to identified risk. Identify the pros and cons for a wide variety of process owners &amp; stakeholders.</p> <p>Follow up/Management of actions: Challenge evidence of efficiency of actions. Identify duplications of work and take appropriate actions. Follow up with stakeholders in the whole organization.</p>
General skills	<p>Problem Solving: Drive root cause analysis in transverse and complex issues.</p> <p>Quality Management: Act as internal quality auditor in nuclear environment, or quality inspector performing site supervision, inspection. Some practice in quality standards and methods (FMEA, Lean, etc.).</p> <p>Specialized domain(s) of work: Understand and review technical instructions, documentation and drawings in particular using electrical IEC standards.</p>
Languages	English (Fluent)
Others	<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> <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> <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 understand problems accurately before moving to proposals;</p> <p>Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.</p> <p>Balances stakeholders: Ability to take a proactive approach to shape and influence stakeholder expectations.</p> <p>Situational adaptability: Ability to observe situational and group dynamics to select the best-fit approach.</p>

