

ITER 국제기구 공모 직위 직무기술서 (제196차)

○ 1개 직위

구분	분야	소속	직위	Job No.	등급
①	과학·운전 (SCOD)	Science & Operations Department Operation Management Section/Division	Maintenance Management Officer	SCOD-020	P3

IO1837 Maintenance Management Officer - SCOD-020

General information

Job category	Standard
Status	Published
Department	SCOD / Science & Operations Department
Division	SCOD / Operation Management Section/Division

Job description

Main job	Engineering - Maintenance
Title of the position	Maintenance Management Officer - SCOD-020
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<p>To support the Operation Management Section/Division Head in the planning and implementation of start-up, testing, commissioning, operation and maintenance activities for the ITER facility, and in the development and implementation of a maintenance strategy and plan that are in accordance with the licensing process.</p> <p>To manage the integration of the RAMI (Reliability, Availability, Maintainability and Inspectability) analysis results for the ITER facility and to coordinate the results obtained throughout the design, manufacturing, installation, assembly and commissioning of plant and systems.</p>
Main duties / Responsibilities	<ul style="list-style-type: none">-Ensures, in coordination with responsible ITER operations and safety units, that the development of a maintenance strategy and the establishment of a maintenance plan for plant systems are compliant with ITER Project Requirements and with nuclear safety;-Contributes to the start-up, testing and commissioning activities in preparation for integrated commissioning, in liaison with plant system technical responsible officers and the instrumentation and control integration team, and ensures that these activities are in accordance with the licensing process;-Develops specifications for activities related to testing, commissioning and operation for all matters relating to machine maintenance;-Contributes to the development of a maintenance strategy and the establishment of a maintenance plan (timing, spares) centred on machine reliability during the Operation phase;-Manages and maintains the ITER RAMI strategy, coordinates its implementation for the ITER Facility and oversees the integration of the RAMI analysis results for plant systems into the ITER Maintenance Program;-Manages the ITER RAMI Data Base and ITER Failure Rate Database, including regular reviews;-May be required to work outside normal working hours, including nights, weekends and public holidays;-Performs other duties in support of the project schedule;-May be requested to be part of any of the project/construction teams and to perform other duties;-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. <p>-Reports to the Operation Management Section/Division Head;</p> <p>-Acts as an interface with all other ITER departments and divisions, and the Domestic Agencies for all matters under his/her responsibility;</p> <p>-In response to requests from the Director-General and/or the SCOD Head, or proactively, informs the DG/SCOD 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.</p>
Measures of effectiveness	<ul style="list-style-type: none">-Develops, implements and efficiently maintains ITER start-up, testing, commissioning, operations and maintenance procedures and activities that comply with the nuclear safety requirements;-Contributes to the development of the ITER maintenance strategy and plans;-Successfully manages the integration of RAMI analysis over the ITER Facility and executes the ITER RAMI database management as laid down in his/her duties and responsibilities.

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Engineering/project management field or other
Level of experience	At least 7 years
Technical experience/knowledge	<ul style="list-style-type: none"> -Master's degree or equivalent in the engineering or project management field or other relevant discipline; -Excellent knowledge of industry standards related to engineering and project management, in particular with direct experience in large multinational projects, etc; -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.
	<ul style="list-style-type: none"> -At least 7 years of professional experience in the Operations and/or Maintenance aspects of a large research, nuclear or industrial facility, including technical experience in the operation of complex sub-systems and/or in nuclear safety and security areas; -Several years of professional experience in the application and interpretation of RAMI analysis in the framework of a major research facility or industrial company is desirable.
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit, Good negotiation skills</p> <ul style="list-style-type: none"> -At least 5 years' experience in coordinating activities and in managing service support contracts would be an advantage; -Ability to provide effective leadership in the development of a maintenance strategy and plan.
General skills	<ul style="list-style-type: none"> -Ability to communicate efficiently, and to maintain open and productive relationships with various project participants; -Ability to negotiate with influence and convince internal and external stakeholders.
Languages	English (Fluent)
Specific skills	<p>MS Office standard (Word, Excel, PowerPoint, Outlook)</p> <ul style="list-style-type: none"> -Proficiency in office software suite for the efficient and effective communication, study & analysis, report generation, presentation, etc. ;
Others	<ul style="list-style-type: none"> -Overall understanding of information management systems utilized for the management and control of large scale plant construction projects; -Knowledge of Reliasoft for RAMI analysis would be an advantage.