

## ITER 국제기구 공모 직위 직무기술서 (제225차)

### ○ 2개 직위

구분	분야	소속	직위	Job No.	등급
①	안전 (SD)	Environmental Protection & Nuclear Safety Division Safety Analysis & Assessment Section	Radiation Protection Officer	SD-024	P2
②	프로젝트 관리 (PCO)	Project Control Office	Risk & Opportunity Management Officer	PCO-016	P2

# IO1926 Radiation Protection Officer SD-024

## General information

Job category	Standard
Status	Published
Department	SD/ Safety Department
Division	SD / Environmental Protection & Nuclear Safety Division
Section	SD / EPNS / Safety Analysis & Assessment Section

## Job description

Main job	Safety - Security - Nuclear Safety
Title of the position	Radiation Protection Officer SD-024
Job family	Engineer - 1
Grade	P2
Direct employment	Required
Purpose	<p>To ensure the definition, the propagation, the coordination and the surveillance of the implementation of radiation protection provisions in respect with regulator's requirements..</p> <p>To validate and ensure the propagation of the input data used in safety case and radiation protection activities into the design, construction and operation.</p> <p>To ensure interfaces with the ITER technical responsible officers and Domestic Agencies.</p> <p>-In close collaboration with the other stakeholder, in particular the Nuclear Integration Unit:</p> <ul style="list-style-type: none"><li>? *As radiation protection officer, performs specific safety analyses with regards to the radiation protection provisions to be designed, implemented and controlled for the workers protection with regards to worksite activities;</li><li>? *Develops and provides the radiation protection analyses and documentation needed to fulfill the regulator's requirements (technical prescriptions, radiation protection files .);</li><li>? *Controls and ensures the coordination of activities related to the implementation of the radiation protection principle for all ITER activities likely to create ionizing doses for the personnel, including for the construction activities and radiography testing,</li><li>? *Performs, checks or coordinates the safety calculations needed for specific licensing files related to radiation protection, radioactive releases or radiological consequences.</li></ul>
Main duties / Responsibilities	<p>-Monitors the planning, execution and integration of activities responding to the requirements and commitments of/to the French nuclear safety authorities during the licensing process, e.g. those related radiation protection (including ALARA and maintenance), radioactive or toxic releases management, and environmental monitoring;</p> <p>-Is responsible for the surveillance of safety related components and systems as safety responsible officer for radiation protection, ensuring the application of the French Nuclear Facility order for the design, manufacturing, construction, installation, commissioning or operation of specific systems;</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>-Performs other duties in support of the project schedule;</p> <p>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Special notice: 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.</p> <p>-Reports to the Safety Analysis &amp; Assessment Section Leader;</p> <p>-Maintains communications with other organizations within the ITER collaboration;</p> <p>-In response to requests from the Director-General/ Safety Department Head or proactively, informs 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"> <li>-Provide results in the resolution of safety issues in the field of radiation protection (including ALARA and maintenance), radioactive releases, environmental monitoring within the defined deadline;</li> <li>-Prepare accurate and relevant responses to the nuclear safety authorities related to the technical issues of the scope of activities;</li> <li>-Ensure a proper integration of safety requirements for the defined scope of activities;</li> <li>-Ensure an effective procurement follow-up regarding safety aspects;</li> <li>-Develop and maintain trustworthy, up to date information out of the project management tools and documentation;</li> <li>-Develop open and confident relationship with all the stakeholders through complete and transparent information exchange;</li> <li>-Define effectively priorities of activities under the scope of responsibilities.</li> </ul>
	Project Construction Phase

## Applicant criteria

Level of study	Master or equivalent degree
Diploma	safety field or radiation protection
Level of experience	At least 5 years
Technical experience/knowledge	<ul style="list-style-type: none"> <li>-At least 5 years of experience in safety related to radiation protection topics for nuclear facilities (design, commissioning, construction, radiography testing, operation), or for the assessment of these facilities, including an in-field experience;</li> <li>-Experience in performing calculations in the domains of radiation protection, radioactive releases, radiological consequences,</li> <li>-Good experience either in a large nuclear project or be specialist of the technical field of radiation protection;</li> <li>-Knowledge in the application of French regulations that apply for radiation protections;</li> <li>-Knowledge in the commissioning and operation of the components needed to perform the radiation protection or radioactive monitoring functions;</li> <li>-Ability to have an interrogative attitude to safety problems, a prudent approach to safety questions and are able to communicate and carefully listen to different opinions;</li> </ul>
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <ul style="list-style-type: none"> <li>-Ability to dialogue with a wide variety of contributors and stakeholders, adjusting communication content and style to deliver messages;</li> <li>-Analyze multiple and diverse sources of information to define problems and issue analyses accurately;</li> <li>-Ability to persist in the face of challenges to meet deadlines with high standards;</li> <li>-Ability to apply high standards of team mind-set, trust, excellence, loyalty and integrity.</li> </ul>
General skills	<ul style="list-style-type: none"> <li>-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;</li> <li>-Experience in coordinating and organizing the work done by multiple contributors of different cultures;</li> <li>-Basic Project Management experience or skill is required;</li> <li>-Experience with writing technical / scientific reports is desirable.</li> </ul>
Languages	English (Fluent) French (Fluent)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)

# IO1925 Risk & Opportunity Management Officer - PCO-016

## General information

Job category	Standard
Status	Published
Department	PCO/ Project Control Office

## Job description

Main job	Business Administration - Generalist in Business Administration
Title of the position	Risk & Opportunity Management Officer - PCO-016
Job family	Functional Officer - 1
Grade	P2
Direct employment	Not required
Purpose	<p>-To manage Risks and Opportunities (R&amp;O), as well as (non-technical) Issues (together called Issue, Risk and Opportunity (IRO) for a given scope of WBS / OBS / PBS ( scope area').</p> <p>-To support and coach the R&amp;O Reporters in charge to mitigate risks or enable opportunities.</p> <p>-To support the ITER Risk &amp; Opportunity Management Coordinator in the development and monitoring of ITER's capabilities on Issue, Risks and Opportunities (IRO) Management , by implementing methods, processes, tools and governance rules for IRO identification, assessment, prioritization and management planning, IRO reporting, IRO analyses as well as IRO response planning, monitoring and controlling.</p>
Main duties / Responsibilities	<p>For the assigned scope area':</p> <ul style="list-style-type: none"><li>-Drives all necessary R&amp;OM activities;</li><li>-Identifies, assesses, levels and prioritizes IROs;</li><li>-Ensures implementation, monitoring and controlling of IRO Response Plans and their related scheduled action, coordinating and supervising the contributions of stakeholders;</li><li>-Contributes to minimizing the effects of Issues, Risks and to maximizing the effects of Opportunities on the overall project objectives;</li><li>-Reports on IRO status to relevant ITER Organization-Central Team (IO-CT) and ITER Organization-Domestic Agencies (IO-DA) stakeholders, alerting on any potential problems;</li><li>-Organizes and carries out regular IRO Management reviews;</li><li>-Facilitate the integration of DA provided Risk and Opportunity assessments as indicated in the Procurement Arrangement;</li></ul> <p>-Implements the IRO cycle review roll-out program for IO-CT, guiding and supervising contributors when necessary;</p> <ul style="list-style-type: none"><li>-Identifies and analyzes IROs, as well as their Response Plans with their related actions;</li><li>-Contributes to the development of a probabilistic schedule analysis with the Risk information collected through the Risks and Opportunities Register;</li><li>-Contributes to the development of a dedicated IRO Management Key Performance Indicators, with regards to exposure of the ITER Project to IROs;</li><li>-Contributes to the development of an IRO maturity model and continuously improves it;</li><li>-Provides regular reports to support senior management decisions;</li><li>-May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;</li><li>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li></ul> <p>-Under the supervision of the ITER Risk &amp; Opportunity Management Coordinator, reports to the Project Control Office Head;</p> <ul style="list-style-type: none"><li>-Interacts in close collaboration with the PCO peers and Responsible Officers (RO) within the ITER Organization (IO);</li><li>-Liaises closely with the Central Integration Office (CIO) on all topics related to the use of PIM to manage non-technical Issues;</li><li>-Interfaces with the DAs to ensure full compliance of their Risk and Opportunity Management and non-technical Issue approaches;</li><li>-In response to requests from the Director-General and/or PCO Head, or proactively, informs the DG/PCO 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.</li></ul>
Measures of effectiveness	

For the assigned scope area':

- Implements and monitors efficiently the reduction of the overall Risk exposure of the ITER Project in terms of potential cost overrun and delays to First Plasma;
- Provides the ITER Project with both, qualitative and quantitative analyses of IROs within the defined deadlines;
- Provides regular comprehensive and accurate reports;
- Excellent team & stakeholders feedback on communication capabilities.

Project Construction Phase

SAP Id: 50004301

## Applicant criteria

Level of study	Bachelor or equivalent degree
Diploma	Business related degree
Level of experience	At least 7 years
Technical experience/knowledge	<ul style="list-style-type: none"><li>-A certification in Risk Management is desirable.</li><li>-At least 7 years' experience IRO management;</li><li>-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.</li></ul>
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <ul style="list-style-type: none"><li>-Ability to dialogue with a wide variety of contributors and stakeholders and adjust accordingly communication style and messages;</li><li>-Ability to analyze multiple and diverse sources of information to define problems and priorities accurately;</li></ul>
General skills	<ul style="list-style-type: none"><li>-Ability to work independently with minimal supervision;</li><li>-Demonstrated ability to produce high quality results;</li><li>-Capability to stage activities with relevant milestones and schedule with a high level of autonomy;</li><li>-Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.</li></ul>
Languages	English (Fluent)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	<ul style="list-style-type: none"><li>-Good command of the Microsoft Office package;</li><li>-Good experience with IRO Management software tools.</li></ul>