

IO1232 Commissioning & Operations Section Leader CIE-239

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Central Integration & Engineering
Division	CIE / Assembly & Operations Division
Section	CIE / AOP /Commissioning & Operations Section

Job description

Main job	Engineering - Generalist
Title of the position	Commissioning & Operations Section Leader CIE-239
Job family	Section Leader
Grade	P5
Direct employment	Required
Purpose	To lead the section responsible for the preparation and management of ITER Commissioning and Operations (C&O). Manages preparations for the commissioning and operational phases, ensure operations requirements are defined, elaborate the concept of operations and prepare for system testing and integrated commissioning; Manages coordination between the division and the other directorates with regard to machine and plasma operation issues, in particular regarding instrumentation, control, interlock and safety systems in collaboration with Plasma Operations; Ensures specifications and procedures are produced for: - Operating procedures and staffing; - Command-control, interlock, safety and plasma control systems, and the associated man-machine interfaces; - Instrumentation for machine operation; - Systems and facilities for machine operations (control rooms, communications, access control). Prepares and coordinates on-site Testing, Integrated Commissioning and subsequent Operations; Manages the C&O Section, including establishing shift teams to supervise on-site activities during testing, commissioning and operations; This position may require shift work and the participation in regular stand-by duty, including nights, Sundays and public holidays, as dictated by the needs of the construction, commissioning and operations schedules. Provides effective leadership for the Section ensuring team members are motivated and constantly developing their skills and experience; Executes and delivers the Detailed Work Schedule in support of the Strategic Management Plan for scope budget and schedule of the systems in the Section and contributes to the staffing of the Section; Assures that ITER (IO) goals are achieved in a timely and effective manner, which meets safety, quality, cost and schedule targets; Maximizes human capital and people's commitment to achieving the IO goals; Provides leadership in safety; Builds and maintains relationship with internal and external stakeholders; Performs other duties linked to the above purpose upon management request, as necessary; Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Main duties / Responsibilities	Reports to Head of the Assembly and Operations (AOP) Division; Acts as an interface with Division management and other Section Leaders of the AOP Division, the other Central Integration & Engineering Divisions and IO Responsible Officers on all matters related to the operation and maintenance of the ITER machine; In response to requests from the Director-General and/or Director of the Central Integration & Engineering Directorate (CIE), or proactively, informs the DG/ Director of CIE of any important and

Measures of effectiveness	urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives. Manages the preparations for testing, commissioning and operation of the ITER Machine; Delivers approved documentation in accordance with the Project schedule; Implements the activities of the Section in accordance with the Project schedule and approved Budget.; Responsible for Section deliverables that meet safety standards, quality schedule and cost requirements; Responsible for implementation of safety nuclear regulation and other safety standards of the section's work; Responsible for adherence to technical standards. Project Construction Phase Id: 50000094
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Applicant criteria

Level of study	At least Master's Degree or equivalent
Diploma	Nuclear Physics, Engineering field or other
Level of experience	At least 10 years
Technical experience	Experience in operations and management of fusion devices with experience in plasma control, command-control, data processing, instrumentation and plasma engineering; international experience would be an advantage;
Project experience	At least 10 years
People management experience	At least 5 years
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Knowledge of plasma engineering principles related to the main magnetic fusion device systems and services necessary to produce plasma discharges and the associated real time control loops for equipment and human protection; Knowledge of basic nuclear safety rules and security aspects (access, radiation protection, dose limits, waste, etc.); At least 5 years' experience in supervising a team would be an advantage; ideally on a fusion device and in managing technical teams Ability to provide effective leadership; Ability to motivate and develop the team members' skills and experience. Ability to negotiate with influence and convince internal and external stakeholders. IT skills consistent with managing a complex developmental project
Languages	English (Working)