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Ref. IO2105 - 4/18/2019

## Commissioning &amp; Operation Mgmt. Officer SCOD-054

**Main job** Construction**Department** SCOD / Science & Operations Department**Division** SCOD / Operations Division**Job Family** Engineer - 2**Application Deadline (MM/DD/YYYY)** 05/19/2019**Grade** P3**Direct employment** Not required

**Purpose** As a Commissioning and Operation Management Officer, you will work in a team that manages commissioning and operation of systems comprising the ITER Project. Your immediate role will be responsibility for setting the timeline in preparation for commissioning a system, then overseeing the commissioning process, providing solutions and optimizations when necessary. At the conclusion of the commissioning, you will be responsible for preparation for acceptance and operation of the system. You will work closely with engineering teams on site and the design office, in addition to external stakeholders.

## Background information:

The Operations Division is responsible for developing plans, procedures and for commissioning, operation and maintenance of the ITER Tokamak and plant systems.

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 position may be updated in late 2019, early 2020.

**Main duties / Responsibilities** Coordinates the preparation and planning of commissioning, interfacing with construction and engineering departments; Develops and reviews system commissioning plans and test procedures, in collaboration with system and discipline specialists, to ensure they are compliant with ITER standards, quality and safety requirements and are integrated in the overall commissioning program; Supports commissioning engineers in the development of system commissioning plans and test procedures; Participates as required in walk-downs and mechanical completions reviews; coordinates the turnover of systems from construction to commissioning; Reviews and monitors the performance of commissioning and reports on progress, and solves technical issues; Coordinates interfaces with commissioning engineers, construction and operations teams to ensure the implementation of the plan and strategy for the system commissioning and operation; Coordinates transition of operation to routine control room activities; May be requested to be part of 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.

**Measures of effectiveness** Proactively ensures the development of commissioning and operations plans and schedules; Ensures that the commissioning activities progress is in line with the baseline schedule, quality and cost; Contributes to effective and timely treatment of issues as they arise during commissioning.

**Level of study** Master or equivalent degree**Diploma** Engineering, Physics or related fields**Level of experience** At least 8 years

**Technical experience/knowledge** At least 8 years' of technical experience in the testing, commissioning, and operation of technically complex systems in a large industrial facility; Experience in project management and coordinating activities for the aforementioned areas within an international environment; Experience of Tokamak operation would be considered as an advantage; Knowledge and experience of system commissioning, quality control and operational experience in the fusion

facility would be considered as an advantage;  
Knowledge of basic nuclear and occupational safety rules and security aspects (access, radiation protection, dose limits, etc.) would be considered as an advantage;  
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.

**General skills** Collaborate: Ability to dialogue with a wide variety of contributors and stakeholders;  
Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;  
Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;  
Manage Complexity: Ability to gather multiple and diverse sources of information to understand problems accurately before moving to proposals;  
Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.

**Others** Proficiency in office software suite (MS Office : Word, Excel, Powerpoint, Outlook) for the efficient and effective communication, study & analysis, report generation, presentation, etc.;  
Overall understanding of configuration and information management systems utilized for the management and control of large scale industrial plant.

**Languages** English (Fluent)

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