

Technical Engineer-Remote Handling

TKM-106

Reports to Line Manager:	Remote Handling Section Leader, Tokamak Department	Job Code:	TKM-106
Direct Employment:	Required	Grade:	G4

Purpose

To support the Remote Handling Section members in matters related to Remote Handling design, R&D, technical and administrative management;
To contribute to the procurement processes from conceptual design, through supervision of detailed analyses to the following of the manufacturing process;

Major Duties/Responsibilities

china

eu

india

japan

korea

ru^ssia

usa

- Provides technical support and coordination in execution of Remote Handling design work activities;
- Prepares remote maintenance sequence descriptions and manages detailed plant and Remote Handling task definition documents;
- Provides technical and administrative support to the Remote Handling Section in preparation, compilation and overall management of Project Baseline documents and other related technical documents;
- Carries out assessments of Remote Handling equipment operations and associated logistics;
- Executes analysis of RH operations to be carried out inside the ITER Hot Cell facility;
- Assists section personnel in the supervision of interfaces with all departments of the ITER Organization and its partners;
- Interacts with Design Integration and Configuration Control Section for defining of maintenance scenarios;
- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics.

Qualifications and Experience

- **Education:**
 - Degree at least equivalent to 4-5 years of study after the High School Diploma, in Engineering, a technological field or other related discipline.

- ***Technical experience:***
 - At least 5 years' experience in the field of construction of large (scientific or industrial) projects;
 - Experience in working in an international environment and the ability to cooperate and work as part of a team;
 - Technical experience in the field of fusion and/or nuclear devices technology is an advantage;
 - Good experience in writing technical documents and procedures;
 - Knowledge and ability to use finite element analysis codes (ANSYS);
 - Knowledge of Quality Assurance systems;
 - Engineering experience in the field of development and manufacturing;
 - Experience in the field of remote operated/robotic systems for fusion and/or nuclear devices is an advantage;
- ***Social Skills:***
 - Ability to work effectively in a multi-cultural environment;
 - Ability to work in a team and to promote team work.
- ***Language requirements:***
 - Fluent in English (written and spoken).
- ***Computer and IT skills:***
 - Good knowledge and ability to use of the CATIA V5 system;
 - Good knowledge and ability to use of product lifecycle management tools (e.g. ENOVIA).

Direct Supervisor and Interfaces

- Reports to the ITER Remote Handling Section Leader;
- Interfaces with all other Departments within the ITER Organization as required.

Authority / Approval Levels

This position has authority and approval levels generally defined by the DDG for the Tokamak Department for his/her scope of work.

Measures of Effectiveness

- Successfully supports the ITER Remote Handling & Maintenance colleagues;
- Successful completion of the tasks assigned under “Main Duties / Responsibilities” above.