

# IO1162 Machine Operations Systems Resp. Officer CIE-206

## Job description

Main job	Engineering - Control system
Title of the position	Machine Operations Systems Resp. Officer CIE-206
Job family	Project engineering
Grade	P3
Direct employment	Required
Purpose	<p>Responsible officer for Machine Operations related systems, including: Access Control, Communications Systems and Control Room facilities. Responsible to define operational and functional requirements for the ITER control systems: CODAC, Central Interlock and Central Safety Systems. Define machine operations strategies for control, investment protection, interlocks, safety and access. Collaborate with Control Systems Division on machine operations matters regarding CODAC, Central Interlock and Central Safety Systems.</p> <p>Responsible Officer for the design, procurement and operation of systems related to Machine Operations (PBS-69), including access control, safety communications systems and control rooms;</p> <p>Defines operational and functional requirements for control systems including CODAC, Central Interlock and Central Safety Systems, undertaking risk assessments and defining control strategies;</p> <p>Ensures the appropriate procedures are developed for the operation of the above systems;</p> <p>Manages the above systems during the construction, assembly and operations phases;</p> <p>Liaises with the Control Systems Division regarding CODAC, Central Interlock and Central Safety systems regarding Machine Operations issues;</p> <p>Contributes to the testing, commissioning and operation of systems;</p> <p>Performs other duties in support of the project progress and goals as described in the Detailed Work Breakdown Structure Schedule or Strategic Management Plan.</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p>
Main duties / Responsibilities	<p>Successfully designs, procures and operates the specified systems;</p> <p>Successfully maintains effective communications within Control Systems Division on Machine Operations matters.</p>
Measures of effectiveness	

## Applicant criteria

Level of study	Bachelor or equivalent degree
Diploma	Engineering
Level of experience	At least 10 years
Technical experience	<p>At least 10 years of experience, with at least 5 years within a nuclear fission or fusion environment and at least 8 years related to system architecture and access control;</p> <p>Experience of working within an international environment;</p> <p>Ideally the successful candidate should have experience working on fusion devices;</p> <p>Knowledge of ITER like systems and their operation would be an advantage.</p>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	<p>Experience in leading a complex developmental project;</p> <p>People coordination experience;</p> <p>Ability to effectively lead a technical group in delivering systems to operation.</p>
Languages	English (Working)
Specific skills	Computer Aided Design, MS Office standard (Word, Excel, PowerPoint, Outlook), SAP
Free criteria	Skills consistent with managing a relevant complex IT project.