

IO1379 Industrial Controls Coordinator CHD-006

General information

Job category	Standard
Status	Confirmed
Department	DIP/Directorate for CODAC, Heating & Diagnostics
Division	CHD / Control System Division
Section	CHD / CSD / Plant Control and Instrumentation Section

Job description

Main job	Engineering - Control system
Title of the position	Industrial Controls Coordinator CHD-006
Job family	Coordinating Engineer
Grade	P4
Direct employment	Not required
Purpose	<p>To determine standards and methodologies for specifying, developing, testing and integrating industrial controls in scope of plant system I&C.</p> <p>To own and maintain the Plant Control Design Handbook (PCDH).</p> <p>To promote and contribute to endorsement of standards by all I&C stakeholders.</p> <p>To contribute to DA coordination for I&C systems.</p>
Main duties / Responsibilities	<p>Is responsible for establishing the ITER-wide solutions for industrial controls;</p> <p>Maintains, coordinates and promotes PCDH versions as a Responsible Officer;</p> <p>Contributes to specification, tests, integration and operation activities of ITER systems, as a control expert;</p> <p>Takes lead to establish common procedures for the specification and integration of the plant systems I&C and contributes to their implementation;</p> <p>Contributes and support technical specifications for I&C procurement packages;</p> <p>Coordinates and support integration of I&C systems included in the procurement packages;</p> <p>Interacts with teams working in the Domestic Agencies as necessary;</p> <p>Supports effective risk identification and management in scope of his/her activity;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the 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>
Measures of effectiveness	<p>Reports to Plant Control and Instrumentation Section Leader;</p> <p>Provides the main interface between Control System Division and I&C staff in some of the Domestic Agencies;</p> <p>Interacts frequently with other members of the Control System Division as well as with plant system responsible officers within ITER Organization as well as in the Domestic Agencies;</p> <p>In response to requests from the Director-General and/or Director of CODAC, Heating & Diagnostics, or proactively, informs the DG and/or Director of CODAC, Heating & Diagnostics 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>
	<p>Establishes and promotes ITER robust solutions and -wide standards related to industrial controls;</p> <p>Maintains properly and accurately the PCDH;</p> <p>Supports the industrial controls specifications required for the project;</p> <p>Prepares, support and coordinates the integration of I&C systems to CODAC systems.</p>
	<p>ID SAP: 50000649</p> <p>Project construction phase</p>

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Process control, electronics or related discipline
Level of experience	At least 10 years
Technical experience	At least 10 years of practical experience in a research or industrial environment with a similar scope of work; A clear understanding of the problems linked with the control system of a large facility; Experience integrating and commissioning large physics projects of similar type.
Social skills	Knowledge in process control, instrumentation, implementation of industrial controller, EMC protection, and related international standards is required. Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	At least 5 years of experience in technical coordination; Experience in international contract management is required; Basic Project Management experience is required.
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	Excellent computer and IT skills (MS Office) are mandatory.