

IO1262 Plant System Control Integration Engineer CHD-026

General information

Job category	Standard
Status	Published
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 - Electronics
Title of the position	Plant System Control Integration Engineer CHD-026
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<ul style="list-style-type: none">-To be responsible for plant system control system integration, including conventional, investment protection, nuclear and occupational safety controls;-To be responsible for a set of ITER plant system Instrumentation and Controls (I&C) systems; support the plant system Responsible Officer (RO) for the definition of the functional and technical specifications including the functional and physical architecture, the functional and physical interfaces with other plant systems, the acceptance tests at factory and ITER site and the integration of the plant system I&C to central I&C systems;-To support ITER solutions for I&C systems.
Main duties / Responsibilities	<ul style="list-style-type: none">-Is responsible for the integration of a set of plant system I&C to the central I&C systems;-Contributes to the testing, integration, commissioning and maintenance of these systems;-Is responsible for the definition and update of the self-description data in the Control System Division (CSD) plant system profile databases along the plant system life cycle;-Contributes to the update of the ITER I&C standards of the Plant Control design Handbook (PCDH) and to the promotion of these standards to IO other technical Divisions and Sections;-Supports the plant system I&C implementation;-Establishes and maintains efficient working relations between the CSD and the plant system teams regarding his scope of responsibility;-Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;-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.
Measures of effectiveness	<ul style="list-style-type: none">-Reports to the Plant Control and Instrumentation Section Leader;-Interfaces with Plant Systems, Buildings, Design Office, Design Integration, Assembly and Integration;-In response to requests from the Director-General and/or Director of CODAC, Heating & Diagnostics, or proactively, informs the DG/ 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.-Supports the integration of plant system I&C in different PAs in the scope of his/her responsibility and integration to the central control system;-Maintains effective communications within plant system teams involved in his/her scope of activity. <p>-Sap Id : 50000286.</p> <p>-Project Construction Phase.</p>

Applicant criteria

Level of study	At least Master's Degree or equivalent
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Diploma	Control System Engineering / Electronics
Level of experience	At least 10 years
Technical experience	<ul style="list-style-type: none"> -Experience in designing, installing and commissioning of scientific control systems or large scale industrial plant control systems; -Experience of working on fusion facilities or large scale industrial plant systems; -Experience in maintaining large scale industrial plant control systems. -Basic Project Management experience is required. -Experience in managing the procurement of products and services in a competitive manner and dealing with contractors,
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Ability to work effectively in a multi-disciplinary environment; Ability to write technical documents in english.
Languages	English (Working)
Others	-Excellent computer and Siemens Step 7 products and software engineering knowledge and experience is required.