

IO1298 Control Systems Integration Technician CHD-090

General information

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

Job description

Main job	Engineering - Electronics
Title of the position	Control Systems Integration Technician CHD-090
Job family	Experienced Technician - 1
Grade	G4
Direct employment	Required
Purpose	<p>To provide support of CODAC technologies to ITER plant system developers;</p> <p>To support the integration of ITER plant systems in the central control system, including CODAC, Interlock and Safety;</p> <p>To support Factory and Site Acceptance Tests of ITER plant systems;</p> <p>To contribute in testing of CODAC products, including CODAC Core System.</p>
Main duties / Responsibilities	<ul style="list-style-type: none">- Provides efficient support of CODAC technologies, software and hardware, to ITER plant system developers to ensure later integration in the central system;- Performs missions to plant system development factories in the ITER member states to support the supplier and resolve problems in the use of CODAC technologies;- Supports execution and verification of Factory and Site Acceptance of ITER plant systems;- Supports integration and commissioning of ITER plant systems;- Supports verification and amendment of interfaces between ITER plant systems and the central control system during design, manufacturing, integration and acceptances phases;- Participates in testing and verification for each release of CODAC software products, including CODAC Core System and CODAC Operation Applications;- 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">- Develops his/her competences in all required technologies to successfully resolve problems related to development and integration of ITER plant control systems;- Provides efficient support to ITER plant system developers in control system area;- Provides efficient support and executes ITER plant systems Factory and Site Acceptance Tests;- Contributes to the integration of ITER plant systems in the central control system.
	Project Construction Phase

Applicant criteria

Level of study	At least Bachelor's degree or equivalent
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Diploma	Computer Science or Electronics field
Level of experience	At least 5 years
Technical experience	<ul style="list-style-type: none"> - Experience in integrating, commissioning and/or operating a large scale control system; - Strong problem solving capability; - Experience in industrial control and PLCs considered an advantage; - Experience in Linux and EPICS considered an advantage; - Experience in networking considered an advantage; - Experience in electronics considered an advantage.
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Project Experience : <ul style="list-style-type: none"> - Participation to the construction/integration/operation of scientific or technical facility; - Experience working in international environment.
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	Computer and IT skills: <ul style="list-style-type: none"> - Linux (Red Hat) - Visio and Project - Scripting languages (e.g. Python)