

IO1298 Control Systems Integration Technician CHD-090

General information

Job category	Standard
Confidential	No
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
Supervised by:	Section Leader
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
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)

Origin of the job

Entity	ITER ORGANIZATION
Recruitment reason	New position

HR Follow-up

Email alerts	Every 10 applications
Main recruiter in charge	CHOE Hyunejune
Followed by	Emilia Fullmer-Bourree
Alert recipient(s)	Emilia Fullmer-Bourree CHOE Hyunejune
Publication default start date	2/19/2013
Publication default end date	3/21/2013
Automatic update	No