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JOB DETAIL

Ref. IO1965 - 4/5/2018

Cryogenic System Operator - PED-137

Main job	Cryogenics
Department	PED / Plant Engineering Department
Division	PED / Cooling Systems Engineering Division
Section	PED / CSED / Cryogenic System Section
Job Family	Technician - 3
Application Deadline (MM/DD/YYYY)	05/20/2018
Grade	G4
Direct employment	Not required
Purpose	To participate in commissioning, testing, operation and related preparatory activities of the ITER cryogenic system within the integrated team.
Main duties / Responsibilities	<ul style="list-style-type: none">-Prepares and Participates to the cryogenic plant system commissioning phase to reach the Site acceptance test project Milestone;-Operates the ITER cryogenic system throughout the different project phases, including trouble-shooting, emergency interventions and maintenance support, depending on requirements and situations;-Creates, applies, reviews and updates the operating and maintenance procedures for the cryogenic plant;-Contributes to improve the Human Machine Interface plant view, programmable logic and plant control;-Manages the technical documentation;-Provides technical support and assistance to the operation department in charge of the auxiliary systems exploitation (e.g. electrical power, cooling water, compressed air etc.);-Contributes to ensure quality assurance for the defined scope of work and to manage interface issues;-May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays;-Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;-May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;-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 Cryogenic System Section Leader;-Interfaces with other ITER Technical Departments as required;-Maintains communication with other organizations within the ITER collaboration and the fusion community;-In response to requests from the Director-General and/or Head of the Plant Engineering Department (PED), or proactively, informs the DG/Head of PED 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. <ul style="list-style-type: none">-Availability of cryogenic system;-Safe and continuous operation ensured during commissioning period as well as operation project phase;-Schedule compliance with project key milestones (operational and site acceptance test);-Successful validation of plant performance within the defined quality, cost and schedule.
Level of study	Project Construction Phase Bachelor or equivalent degree
Diploma	Process Engineering, instrumentation or related
Level of experience	At least 5 years
Technical experience/knowledge	<ul style="list-style-type: none">-At least 5 years' experience in the testing, commissioning and/or operation of process or thermo-hydraulic installations (oil & gas, power-generation, chemical, refrigeration);-Good experience in system diagnosis and instrumentation;-Good experience in writing and reviewed technical documents;-Experience in operations and maintenance of cryogenic distribution system or large refrigeration systems is considered as an advantage.

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Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	-Problem solving attitude; -Ability to dialogue with a wide variety of contributors and stakeholders; -Ability to adjust communication content and style to deliver messages; -Ability to persist in the face of challenges to meet deadlines with high standards; -Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.
Others	-MS Office standard (Word, Excel, PowerPoint, Outlook); -Knowledge in Siemens PLC S7 serie , or EPICS Scada system is considered as an advantage.
Languages	English (Fluent)

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