

IO1965 Cryogenic System Operator - PED-137

General information

Job category	Standard
Status	Published
Department	PED / Plant Engineering Department
Division	PED / Cooling Systems Engineering Division
Section	PED / CSED / Cryogenic System Section

Job description

Main job	Engineering - Cryogenics
Title of the position	Cryogenic System Operator - PED-137
Job family	Technician - 3
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. Project Construction Phase

Applicant criteria

Technical experience/knowledge	Level of study	Bachelor or equivalent degree
	Diploma	Process Engineering, instrumentation or related
	Level of experience	At least 5 years
		-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.
	Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills		-Problem solving attitude;
		-Ability to dialogue with a wide variety of contributors and stakeholders;
General skills		-Ability to adjust communication content and style to deliver messages;
		-Ability to persist in the face of challenges to meet deadlines with high standards;
Specific skills		-Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.
	Languages	English (Fluent)
Others	Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
		-MS Office standard (Word, Excel, PowerPoint, Outlook);
		-Knowledge in Siemens PLC S7 serie , or EPICS Scada system is considered as an advantage.