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JOB DETAIL

Ref. IO1784 - 11/16/2016

Electrical Engineer - PED-065 & 073

Main job	Electricity
Department	PED / Plant Engineering Department
Division	PED / Electrical Engineering Division
Section	PED / EED / Electrical Power Distribution Section
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	12/29/2016
Grade	P2
Direct employment	Not required
Purpose	Two openings
	<ul style="list-style-type: none">-To perform the in-field engineering for the installation and on site testing of the Electrical Power Distribution (EPD) system.-To prepare and execute the integrated test and the commissioning of the interfaces between EPD and other plant systems.-To perform the operation & maintenance of the EPD system.
Main duties / Responsibilities	<ul style="list-style-type: none">-Manages the in-field engineering in close collaboration with the rest of the team and implements the technical solutions to resolve on ITER site integration issues related to EPD system;-Prepares the integration tests schedule in collaboration with the plant systems, in order to take a maximum advantage of the plant system commissioning activities;-Performs the electrical engineering analysis and develops the procedures for the on-site acceptance tests and integrated commissioning for the EPD;-Assures surveillance of the site acceptance test and executes the integrated commissioning of the EPD, including the required trouble shooting;-Joins operation & maintenance activities, including on call duty operation team;-May be required to work outside normal working hours, including nights, weekends and public holidays;-Performs work shifts and be part of any of the project team and perform other duties upon management request whenever required;-Performs other duties in support of the project schedule;-May be requested to be part of any of the project/construction teams and to perform other duties;-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics <ul style="list-style-type: none">-Reports to the Electrical Power Distribution Section Leader;-Acts as an interface for other plant systems and the ITER Domestic Agencies;-In response to requests from the Director-General and/or Plant Engineering Department Head, or proactively, informs the DG/ Plant Engineering Department Head 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.
Measures of effectiveness	<ul style="list-style-type: none">-Performs effectively the construction and commissioning activities of the Electrical Power Distribution Section for the scope of activities;-Ensures proper execution of Electrical Power Distribution analyses required to support the installation and commissioning of Electrical Power Distribution system;-Contributes effectively the activities related to resolution of interfaces issues between electrical components, plant systems, CODAC and operation team.
	Project Construction Phase
Level of study	Master or equivalent degree

My space

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My job alert

Diploma	Electrical field or other relevant discipline
Level of experience	At least 5 years
Technical experience/knowledge	<div>-Good knowledge of industrial electrical distribution systems, including Medium voltage and Low voltage; -Good knowledge of the International Electrotechnical Commission (IEC) standards for the test of the large electrical installation; -Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree. -At least 5 years in the design, construction, test of large electrical distribution projects; -At least 2 years in the management of the test, commissioning and/or operation for large electrical systems; -Basic Project Management experience is required</div>
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	<div>-Good knowledge of Microsoft Office package tool; -Good knowledge of running software tools for transient and steady-state analysis of electrical power distribution systems.</div>
Languages	English (Fluent)

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