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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
Main duties / Responsibilities	<p>-To perform the in-field engineering for the installation and on site testing of the Electrical Power Distribution (EPD) system.</p> <p>-To prepare and execute the integrated test and the commissioning of the interfaces between EPD and other plant systems.</p> <p>-To perform the operation & maintenance of the EPD system.</p> <p>-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;</p> <p>-Prepares the integration tests schedule in collaboration with the plant systems, in order to take a maximum advantage of the plant system commissioning activities;</p> <p>-Performs the electrical engineering analysis and develops the procedures for the on-site acceptance tests and integrated commissioning for the EPD;</p> <p>-Assures surveillance of the site acceptance test and executes the integrated commissioning of the EPD, including the required trouble shooting;</p> <p>-Joins operation & maintenance activities, including on call duty operation team;</p> <p>-May be required to work outside normal working hours, including nights, weekends and public holidays;</p> <p>-Performs work shifts and be part of any of the project team and perform other duties upon management request whenever required;</p> <p>-Performs other duties in support of the project schedule;</p> <p>-May be requested to be part of any of the project/construction teams and to perform other duties;</p> <p>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics</p> <p>-Reports to the Electrical Power Distribution Section Leader;</p> <p>-Acts as an interface for other plant systems and the ITER Domestic Agencies;</p> <p>-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.</p>
Measures of effectiveness	<p>-Performs effectively the construction and commissioning activities of the Electrical Power Distribution Section for the scope of activities;</p> <p>-Ensures proper execution of Electrical Power Distribution analyses required to support the installation and commissioning of Electrical Power Distribution system;</p> <p>-Contributes effectively the activities related to resolution of interfaces issues between electrical components, plant systems, CODAC and operation team.</p>
Level of study	Project Construction Phase Master or equivalent degree

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My job alert

Diploma	Electrical field or other relevant discipline
Level of experience	At least 5 years
Technical experience/knowledge	<ul style="list-style-type: none">-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. <ul style="list-style-type: none">-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
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	<ul style="list-style-type: none">-Good knowledge of Microsoft Office package tool;-Good knowledge of running software tools for transient and steady-state analysis of electrical power distribution systems.
Languages	English (Fluent)

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