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JOB DETAIL

Ref. IO1710 - 6/24/2016

Toroidal Field Coil Section Leader TED-040

Main job	Mechanics
Department	TED / Tokamak Engineering Department
Division	TED / Magnet Division
Job Family	Section Leader
Application Deadline (MM/DD/YYYY)	07/24/2016
Grade	P5
Direct employment	Required
Purpose	<p>To coordinate the ITER Toroidal Field (TF) Coil Section activities for the design and procurement of the ITER TF coils.</p> <p>To supervise the work organization, schedules, interfaces to ITER participants responsible for procurement and their industries, etc.</p> <ul style="list-style-type: none">- Provides effective leadership for the ITER TF Coil Section, ensuring that team members are motivated;- Develops the TF coils for their construction, monitors the Research & Development (R&D) in institutes and industry, ensures the results are implemented in the design, ensures proper qualification testing of the design is implemented at appropriate points during the manufacturing;- Monitors the TF coil manufacturing, ensures that quality controls are properly implemented, takes effective action when quality problems are found;
Main duties / Responsibilities	<ul style="list-style-type: none">- Prepares and maintains TF coil documentation, including design and analysis, drawings, etc.;- Oversees and contributes to design work on the TF coils, maintaining update controls on drawings and CAD models, and issuing TF coil drawings;- Is responsible for the TF winding pack procurement, including preparation of the procurement specifications;- Monitors TF coil procurement costs, time scales and resources planned/used;- Highlights potential delays in time for corrective actions to be applied;- Executes and delivers the Detailed Work Schedule in support of the Strategic Management Plan for scope budget and schedule of the systems in the Section and contributes to the staffing of the Section- Assures that IO's goals are achieved in a timely and effective manner, which meets safety, quality, cost and schedule targets;- Maximizes human capital and people's commitment to achieving the IO goals;- Provides leadership in safety;- Builds and maintains relationship with internal and external stakeholders;- May be requested to be part of any of the project team and perform other duties upon management request;- 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 Magnet Division Head;- Interfaces with other Departments as required by the magnet design, in particular to the Computer-Aided Design (CAD) office and ITER configuration control;- Interfaces with the Field Teams and their industries regarding magnet procurement;- In response to requests from the Director-General (DG) and/or Tokamak Engineering Department (TED) Head, or proactively, informs the DG/ TED 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">- Complete design of ITER TF coils within the defined cost and schedule;

My space

 See jobs

My job alert

- Completion of procurement package for TF windings within the defined cost and schedule;
- Responsible for timely procurement of the ITER TF coils within defined cost;
- Responsible for Section deliverables that meet safety standards, quality schedule and cost requirements;
- Responsible for implementation of safety nuclear regulation and other safety standards of the section's work;
- Responsible for adherence to technical standards & effective team building.

Project construction phase
SAP Id:50000669

Level of study	Master or equivalent degree
Diploma	Engineering (mechanical or electrical) or Physics
Level of experience	At least 10 years
Technical experience/knowledge	<ul style="list-style-type: none">- At least 10 years' experience, including specifically coil design, analysis and manufacturing, covering high voltage electrical engineering issues management;- Experience in manufacturing (forming and welding) of large metallic structures;- Good knowledge of aspects of cryogenic coil design.
Project experience	4 to 5 years
People management experience	At least 5 years
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">- Ability to provide effective leadership;- Ability to motivate and develop the team members' skills and experience
Languages	English (Fluent)

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