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| TITLE: Senior Power Supply Technical Engineer | | CEP-055 |
| REPORTS TO LINE MANAGER: Leader of the Coil Power Supply section; Department of Central Engineering and Plant Support | | |
| GRADE: G4-G5 | | |
| Date Written: July 2007 | Date Revised: | Date Revised: |

Purpose:

To support the engineering design activities of the Electrical Power Supply Division as a Senior technical engineer. The initial assignments consist of development of layout drawings and one line diagrams, compilation of technical data sheets and databases, preparation of input data and supervision of the work performed by CAD designers, drafting of block diagrams. Later on the work will also include supervision of component construction and installation, witnessing of factory and on site acceptance tests.

Major Duties / Responsibilities:

- Draft sketches and prepare input data for CAD work.
- Supervision and checking of work performed by CAD designers.
- Compilation of technical data sheets and databases.
- Preparation of block diagrams for technical reports and presentations.
- Setting up of input data for analysis of electrical circuits.
- Supervision of component construction and installation.
- Witnessing of factory and on site acceptance tests.

Qualifications required:

- Engineering apprenticeship, or high school diploma in electrical technology, electrical installations, power electronic, or equivalent.
- Wide-ranging knowledge profile of electrical, electro-mechanic, electrical installations and power electronic components and systems.
- Minimum of 10 years experience and competent expertise on design and construction of Medium and Low Voltage electrical distribution systems or large power electric components.
- Good knowledge of software applications for development of 2D drawings
- Good knowledge of Microsoft Office applications.
- Ability to work effectively in a multi-cultural environment.
- Collaborative and positive personality.

- Good command of English, both spoken and written.

The following optional qualifications will be considered an advantage:

Good knowledge of software applications for analysis of electrical circuits and power converters.

Good knowledge of French, European, and International electrical standards for electrical installations, high and medium voltage switchgear, and power electronic components.

Work Direction and Interfaces:

Report to the Leader of the Coil Power Supply section. Interfaces with all other sections and divisions of the ITER Organization as required.

Measures of Effectiveness:

Successfully support the design activities of the Electrical Power Supply Division

Successfully provide the required input data and monitor the activities of the CAD designers.

Successfully monitor the component construction testing and installation.