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## JOB DETAIL

Ref. IO1137 - 8/14/2011

**Divertor Section Leader TKM-033****Main job** Mechanics**Department** DIP/Directorate for Tokamak**Division** TKM / Internal Components Division**Section** TKM / INC / Divertor Section**Job Family** Project engineering**Application Deadline** 18/Sep/2011**Grade** P5**Direct employment** Not required

**Purpose** To manage the Divertor Section activities: design and procurement of associated components (Inner and Outer Target, Dome, Cassette Body and Integration, Toroidal and Radial Rails) including work organization and interfaces with the procuring Domestic Agencies.

**Main duties / Responsibilities**

- Provides effective leadership for the Section ensuring team members are motivated and constantly developing their skills and experience;
- Manages the design, specification, procurement, assembly, and installation of associated components;
- Interfaces effectively with the ITER Domestic Agencies who are responsible for procurement;
- Is responsible for overseeing and managing all technical aspects of these components, developing a detailed implementation plan for all work, and monitoring and controlling cost and schedule for all of the Section's activities;
- Ensures that the engineering design of the associated components meets the requirements of the ITER machine;
- Coordinates the work of the engineers responsible for the design and timely procurement of all associated systems;
- Is responsible for defining and coordinating the interfaces with other systems;
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

**Measures of effectiveness**

- Completes the design and procurement of Divertor Components in a timely manner and within the defined cost;
- Successfully generates and maintains coherent, comprehensive, and understandable design documentation;
- Successfully maintains effective communication within the ITER Organization and with all interfacing organizations.

**Level of study** Master or equivalent degree**Diploma** Engineering**Level of experience** At least 10 years

**Technical experience**

- At least 10 years' experience in the design and manufacture of components for a Ultra High Vacuum (UHV) and/or nuclear devices, ideally in the fusion field;
- Experience of working on one of the world's large fusion devices;
- Understanding of the requirements of in-vessel components with specific competencies in high-heat flux technologies;
- Experience in the fabrication of complex structures.


**Project experience** 1 to 2 years

**Social skills**

- Ability to work effectively in a multi-cultural environment
- Ability to work in a team and to promote team spirit
- Ability to organize and monitor activities

**General skills** MS Office standard (Word, Excel, PowerPoint, Outlook)**Specific skills** - Ability to coordinate a group of professionals.

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