

TITLE: Blanket Section Leader		TKM-051
REPORTS TO LINE MANAGER: Internal Components Division Head; Tokamak Department		
DIRECT EMPLOYMENT: NOT REQUIRED	GRADE RANGE: P4-P5	
DATE WRITTEN: October, 2006	DATE REVISED: JULY 31, 2007	DATE REVISED:

Purpose:

Manage the Blanket Section (Blanket, First Wall, Limiter): design and procurement of associated systems, including work organisation, interfaces to ITER participants responsible for procurement and their industries. The candidate is responsible for overseeing and managing all technical aspects of the section, developing detailed implementation plans for all work, and monitoring and controlling costs and schedules for all section activities.

Major Duties/Responsibilities:

- Provide effective leadership for the section, ensuring that team members are motivated and constantly developing their skills and experience.
- Manage the design, specification, procurement, assembly, and installation of associated systems (Blanket, First Wall, Limiter systems).
- Effectively interface with ITER domestic agencies responsible for procurement.
- Responsible for overseeing and managing all technical aspects of these systems, developing details implementation plans for all work, and monitoring and controlling costs and schedules for all group activities.
- Ensuring that the engineering design of the associated systems meet the requirements of the ITER machine.
- Supervision of the engineers responsible for the design and timely procurement of all associated system.
- Leading the supporting analysis
- Responsible for defining and coordinating the interfaces with other systems.
- Shows strong commitment to the ITER safety program and enforces it through individual behaviour and in his/her organization.
- Maintains a strong commitment to the implementation and perpetuation of ITER values and ethics.

Qualifications and Experience:

- A university degree in engineering or physics.
- 20 years experience in the design and manufacture of components for UHV and/or nuclear devices.

- Experience in fabrication (forming, machining, welding) of large complex structures
- Experience working with nuclear and conventional design codes.
- Ideally the successful candidate will have experience of working on one of the world's large fusion devices.
- Ability to both work in a team and lead a group of professionals.
- Ability to communicate with written and spoken English.

Work Direction and Interfaces:

Report to the Internal Components Division Head. Interfaces with all other departments within the ITER Organization as required.

Authority/Approval Levels:

Has authority and approval levels generally defined by the DDG for his/her scope of work.

Measures of Effectiveness:

Successfully builds up the group and manages it effectively.

Successfully maintains effective communications within the group and will all interfacing organizations.

Complete design and procurement of Blanket, First Wall, and Limiter systems in a timely manner and within defined costs.