

TITLE: Vessel Division Head Tokamak / Vessel		TKM 017
REPORTS TO LINE MANAGER: Tokamak Deputy Director General (DDG)		
DIRECT EMPLOYMENT : NOT REQUIRED		GRADE RANGE: D1
DATE WRITTEN: October 23, 2006	DATE REVISED: DECEMBER 6, 2006	DATE REVISED:

Purpose:

Manage the ITER Vessel Division: 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 division, developing detailed implementation plans for all work, and monitoring and controlling costs and schedules for all group activities.

Major Duties/Responsibilities:

- Provide effective leadership for the division, ensuring that team members are motivated and constantly developing their skills and experience.
- Manage the design, specification, procurement, assembly, and installation of associated systems (Vacuum Vessel, Ports, Thermal Shield, Cryostat, and VVPSS).
- 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 Vacuum Vessel, Ports, Thermal Shield, Cryostat, and VVPSS 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 Required:

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

- Experience in fabrication (forming and welding) of large vessel structures
- Experience working with nuclear and conventional vessel codes.
- Ideally the successful candidate will have experience 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:

Reports to the Tokamak DDG. 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 division and manages it effectively.

Successfully maintains effective communications within the division and with all interfacing organizations.

Completes design and procurement of Vacuum Vessel, Ports, Thermal Shield, Cryostat, and VVPSS systems in a timely manner and within defined costs.