TITLE: Divertor Welding Engineer		TKM-079
REPORTS TO LINE MANAGER: Leader of the Divertor Section, Internal Components Division, Department for Tokamak		
DIRECT EMPLOYMENT: NOT REQUIRED		**GRADE RANGE:** P3-P4
DATE WRITTEN: June 2008	**DATE REVISED:** July 2008	**DATE REVISED:**

Purpose:

- To monitor the procurement of divertor cassette body and related materials;
- To follow up the integration of associated systems, diagnostics and instrumentation;
- To monitor related R&D and qualification in the relevant Domestic Agency.

Major Duties/Responsibilities:

- Supervises the work carried out by the EU Domestic Agency in preparation for the procurement of the divertor cassette body;
- Assists in the preparation of the procurement specifications of the divertor cassette body, including materials;
- Supervises the production of the relevant drawings;
- Monitors the R&D and qualification tests by the EU Domestic Agency;
- Monitors the procurement of the divertor cassette body and related materials during the ITER construction;
- Monitors the interfaces and Quality Assurance procedures of the divertor cassette body;
- Supervises the assembly of the divertor plasma-facing components and diagnostics onto the cassette body;
- Maintains a strong commitment to the implementation and perpetuation of ITER values and ethics.

Qualifications and Experience:

- **Education:**
  - University degree (or equivalent) in a technical field, preferably in Mechanical Engineering
- **Experience:**
  - At least 7 years' experience in the follow up of procurement of steel structures
- Qualification as "International Welding Engineer" would be preferred;
- Experience in the welding technologies for the steel structures of internal components of a fusion reactor would be preferred;
- Ability to work in a team and to collaborate within an international environment.
- **Language requirements:**
  - High level of written and spoken English.

Work Direction and Interfaces:

- Reports to the Divertor Section Leader;
- Interfaces with all other sections in 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 completes the design and procurement of divertor components with the prescribed quality, in a timely manner and within defined costs;
- Successfully generates and maintains coherent, comprehensive, and understandable design documentation;
- Successfully maintains effective communications within the ITER Organization.