Title: Fuelling System Engineer (GIS/FPSS) **Central Engineering and Plant Support**		CEP 019
Reports to Line Manager: Leader of Fuelling and Wall Conditioning Group		
DIRECT EMPLOYMENT : NOT REQUIRED		**GRADE RANGE: P2 ~P4**
Date Written:	**Date Revised:**	**Date Revised:**

Purpose:

To specify, design and integrate the gas injection system (GIS) and fusion power shutdown system (FPSS) under the responsibility of the ITER Fuelling Group. To provide expert support in this field, aiding with the preparation of relevant procurement packages.

Major Duties/Responsibilities:

During the initial period of assignment, the successful candidate shall have the necessary expertise and skills to take several responsibilities among those listed below.

- To be responsible for design and R&D activities of system and components of GIS and FPSS.
- To control interfaces of GIS and FPSS with other system or components.
- To write technical specification of procuring components and systems
- To monitor the progress of system design, relevant R&D and procurement.

Qualifications Required:

- University degree in Mechanical Engineering, or equivalent.
- At least 10 years experience in managing design, construction, installation and testing of fuelling systems or similar. Experiences in designing components work in high magnetic field are advantageous.
- Good communication skills in written and spoken English.
- Proven ability to work effectively in a multi-cultural environment.

Work Direction and Interfaces:

Reports to the Leader of Fuelling Group

Authority / Approval Levels:

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

Measures of Effectiveness:

- Successful implementation of fuelling system and components of GIS and FPSS.
- Successful interfaces of GIS and FPSS with other system or components
- Successful communication with other organizations within the ITER collaboration and the fusion community.
- Successful completion of the tasks assigned under “Main Duties / Responsibilities” above.