

TITLE: Magnets Quality Assurance Engineer		SAS-015
REPORTS TO LINE MANAGER: Head of Quality Assurance Division, Department for Safety and Security		
DIRECT EMPLOYMENT: REQUIRED		GRADE RANGE: P3-P4
Date Written: July 2008	Date Revised:	Date Revised:

Purpose:

To provide Quality Assurance (QA) input, interface and to help coordinate the resolution of quality issues for the ITER Project, and in particular with the Magnet Division.

Major Duties/Responsibilities:

- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics;
- Provides central Quality Assurance coordination and management of magnet-related quality issues;
- Participates in the development of quality procedures for magnet-related activities;
- Monitors procurement documentation for the correct application of magnet requirements;
- Advises on magnet-related quality integration issues including materials, finishes, special processes, and leak testing;
- Assists in the implementation of quality training programs for magnet personnel;
- Participates in field inspection visits;
- Participates in internal and external surveillance audits;
- Performs quality-related activities as directed by the Head of the QA Division.

Qualifications and Experience:

- **Education:** University degree in a scientific or technical subject.
- **Experience:**
 - At least 7 years of proven experience of working in Quality Assurance;
 - Experience in writing quality procedures is essential;
- Effective writing and verbal communication skills are essential;
- Comprehensive knowledge of quality and environmental standards is essential;
- Management skills are essential;
- Experience in the application of Quality Control is desirable;
- Experience of magnet engineering and manufacture is desirable;
- Knowledge of special processes for joining is desirable;
- Experience in the implementation of quality systems in the fusion industry is desirable;
- Audit experience is desirable.

- **Language requirements:** Excellent knowledge of written and spoken English is essential.

Work Direction and Interfaces:

- Reports to the Head of the ITER Quality Assurance Division;
- Interacts with members of the ITER Team and Domestic Agency personnel as required.

Authority/Approval Levels:

This position has authority and approval levels generally defined by the Head of ITER QA Division for his/her scope of work.

Measures of Effectiveness:

- Successfully provides effective monitoring of the ITER Organization's compliance with the QAP;
- Successfully provides assurance of compliance of the Domestic Agencies with the ITER QAP.