

<b>TITLE:</b> Quality Assurance Civil Engineer		<b>JOB CODE:</b> SAS-023
<b>REPORTS TO LINE MANAGER:</b> Head of Quality Assurance Division, Safety & Security Department		
<b>DIRECT EMPLOYMENT:</b> REQUIRED		<b>GRADE:</b> G5
<b>Date Written:</b> December 2008	<b>Date Revised:</b> January 2009	<b>Date Revised:</b>

### **Purpose:**

To provide quality support to the ITER Civil Construction and Site Support (CCS) Office in all matters related to the construction, Security, Safety, and Quality Assurance (QA) programs. This includes access control; worker, equipment and vehicle safety; monitoring the construction contractors Quality Assurance programs; inspecting the site fire protection systems; emergency procedures, equipment and systems; and assisting in defining and documenting the interfaces between these services and the related technical systems.

### **Major Duties/Responsibilities:**

- Represents the ITER Quality Assurance Division in support of CCS activities;
- Supports CCS in all matters related to Civil Construction safety and QA activities related to the Cadarache site;
- Assists in coordinating the worker safety interfaces between the on-site construction and the technical subsystem responsible officers;
- Monitors the contractors QA and Safety Program with the Architect Engineer, main construction and subcontractors;
- Helps manage construction safety and QA documentation;
- Identifies construction safety risks and the appropriate mitigation and management of such risks;
- Participates in internal and external surveillance audits;
- Performs quality related activities as directed by the Head of Quality Assurance Division.
- Shows strong commitment to the ITER Safety Program and enforces it through individual behaviour and throughout the ITER Organization;
- Maintains a strong commitment to the implementation and perpetuation of ITER values and ethics;

### **Qualifications and experience:**

- **Education:**
  - Degree at least equivalent to 3-4 years of study after the High School Diploma, in Civil Engineering or other related discipline.
- **Technical experience:**
  - At least 10 years' experience in the construction of large technical or scientific facilities and, in particular, in the successful completion of large civil construction facilities;

- Comprehensive knowledge of quality and environmental standards;
- Experience in writing quality procedures;
- Effective written and oral skills;
- Knowledge of licensing procedures and legal environmental requirements in construction is desired;
- Experience in the implementation of quality systems in the fusion industry is desired;
- Audit experience is desired.
- **Project experience:**
  - Experience in effective QA management and implementation is essential;
  - Expertise in interface management with technically complex systems is desired.
- **Social Skills:**
  - Ability to work effectively in a multi-cultural environment.
- **Language requirements:**
  - Excellent knowledge of written and spoken English is essential.

**Direct Supervisor 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;
- Interfaces with the construction design team on safety requirements and with the construction manager on cost effective implementation.

**Authority/Approval Levels:**

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

**Measures of Effectiveness:**

- Successfully manages the quality interface(s) between the construction site activities and the design teams of the site layout and associated plant facilities, including those temporary facilities required during construction and installation;
- Effectively supports the development and maintenance of interface documentation;
- Successfully manages the interface(s) with the Architect Engineer and the European Legal Entity.