

<b>TITLE: Junior Engineer /Technician: Instrumentation /</b> Standardization		<b>CHD-058</b>
<b>REPORTS TO LINE MANAGER:</b> Head of Heating & Current Drive Division Department for CODAC&IT, H&CD and Diagnostics		
<b>DIRECT EMPLOYMENT:</b> REQUIRED		<b>GRADE RANGE:</b> G2-G3
<b>Date Written:</b> July 2007	<b>Date Revised:</b>	<b>Date Revised:</b>

**Purpose:**

To support the activities of the division in all matters relating to the instrumentation / standardization of the Neutral Beam (NB) and Radio Frequency (RF) systems. The candidate will also work with the division to support port integration and contribute to the definition of the technical specifications. He/she will also interface between various activities and analysis work done by the Domestic Agencies (DAs) involved in the procurement activities of Heating & Current Drive (H & CD) systems.

**Major Duties/Responsibilities:**

- Is responsible for the definition of instrumentation and standardization of the H&CD system in the procurement activities according to the standards defined by the project;
- Includes in this work the interfaces and coupling with other systems;
- Defines tasks and oversees the design work undertaken by the Domestic Agencies on this field of work;
- Reviews and maintains the Project Integration documents referring to these Work Breakdown Structure (WBS) items;
- Assists with the preparation of the relevant procurement packages;
- Collaborates in the activities of the project related to H&CD system;
- Assists with the preparation of the interface documentation and keeps it up to date;
- Assists with the preparations for the installation of the H & CD systems on ITER;
- Immediately reports variances on all technical, cost and schedule aspects;
- Supports effective risk identification and management;
- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics.

**Qualifications and Experience:**

- **Education:** At least a basic engineering degree (equivalent post-secondary education or higher).
- **Experience:** At least 1-3 years' relevant experience:
  - Experience in technical design.
  - Experience in effective QA management and implementation would be an advantage.
- **Language requirements:** Good command in English (both speaking and writing).

**Work Direction and Interfaces:**

Reports to the Division Head for Heating & Current Drive.

**Authority/Approval Levels:**

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

**Measures of Effectiveness:**

Successfully accomplishes the tasks above.