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| TITLE: Radwaste System Technical Engineer | | JOB CODE: CEP-072 |
| REPORTS TO LINE MANAGER: Radwaste Treatment and Storage Section Leader, Plant Engineering Division, Department for Central Engineering and Plant Support | | |
| DIRECT EMPLOYMENT: REQUIRED | | GRADE: G5 |
| Date Written: December 2007 | Date Revised: July 2008 | Date Revised: February 2009 |

Purpose:

To provide technical support to the Radioactive Waste (radwaste) Treatment and Storage Section Leader as concerns technical studies, baseline documentation, design, procurement, implementation, commissioning, operation and maintenance of all functions required for the correct and safe running of the ITER radwaste management systems located in various ITER facilities such as hot cell, low-level radwaste buildings, etc.

Major Duties/Responsibilities:

- Participates in the designs of the ITER radwaste treatment and storage systems and also in their technical implementation;
- Provides process drawing support for the radwaste management system designs;
- Participates in the analysis of radioactive waste management equipment functionality and reliability;
- Provides the Section's technical document management and participates in preparing or updating its baseline documentation;
- Manages information collection and surveys commercial grade radwaste management equipment and facilities to identify and assess potential suppliers in this domain;
- Provides technical administrative support;
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

Qualifications and Experience:

- **Education:**
 - Degree at least equivalent to 3-5 years of study after the High School Diploma, in Engineering or other related discipline.
- **Technical experience:**
 - At least 8 years' work experience in the field of radioactive waste management;
 - Experience in radwaste management system designs would be an advantage;
 - Knowledge and experience in process drawings;
 - Knowledge of the processes and equipment used for different types of radioactive waste management;
 - Experience in writing technical documents;
 - Knowledge of technical database management and tools;
 - Knowledge of tritium aspects is an advantage.

- **Social Skills:**
 - Ability to work effectively in a multi-cultural environment;
 - Ability to work in a team and to promote team work.
- **Language requirements:**
 - Fluent in English (written and spoken).
- **Computer and IT skills:**
 - Good command of Microsoft Office package;
 - Knowledge of CATIA V5 and Visio would be an advantage.

Direct Supervisor and Interfaces:

- Reports to the Radwaste Treatment and Storage Section Leader;
- 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 DDG for his/her scope of work.

Measures of Effectiveness:

- Provides effective technical support to the Radwaste Treatment and Storage Section Leader;
- Achieves the defined technical results of the tasks assigned to him/her;
- Communicates effectively with industries and other organizations within the ITER collaboration;
- Completes the tasks assigned under “Main duties/Responsibilities” above.