

Neutral Beam Integration Technical Officer

CHD-067

Reports to Line Manager:	Neutral Beam Heating Section Leader, Heating and Current Drive Division, Department for CODAC & IT, Heating & CD, Diagnostics	Job Code:	CHD-067
Direct Employment:	Required	Grade:	G4

Purpose

The technical officer will be part of a team overseeing various aspects of the Neutral Beam (NB) System integration into ITER to work on the complexities of integrating large complex systems with sub systems. He/she will have to interact with the Domestic Agencies supplying NB equipment to ITER.

Major Duties/Responsibilities

china

eu

india

japan

korea

russia

usa

- Manages various aspects of the integration of the NB system into ITER;
- Writes and manages interfaces with the various systems associated or interacting with the NB system;
- Defines interfaces to ensure a successful integration of the NB system into the ITER systems;
- Interfaces with other ITER groups interacting with the NB systems;
- Assists the Responsible Officer in the preparation of relevant interface control documents and other associated documentation;
- Reports variances on all technical, cost and schedule aspects immediately to the Division Head and supports effective risk management;
- Assists in the preparations for the installation of the NB systems on ITER;
- Participates in commissioning of the NB heating and diagnostic systems;
- Shows a strong commitment to the implementation and perpetuation of ITER values and ethics, and also to the ITER safety program by enforcing it through his/her own individual behaviour and his/her organization.

Qualifications and Experience

- **Education:**
 - Degree equivalent to 3 years of study after the High School Diploma.
- **Technical experience:**
 - At least 8 years' experience working with large complex system, thus enabling the candidate to have a good understanding of the associated installation and integration issues.
 - A good understanding of mechanical engineering and knowledge of neutral beam technology would be advantageous.

- ***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:***
 - Capability of usage of Microsoft office programs

Direct Supervisor and Interfaces

- Reports to the Section leader of the NB section of the Division Head for Heating and Current Drive.

Authority / Approval Levels

This position has authority and approval levels defined by the section leader for this scope of work.

Measures of Effectiveness

- Successfully develops the methodology used to integrate the sub-systems into the NB cell and the High Voltage deck room, and/or into the NB injectors;
- Successfully develops the methodology used to integrate NB systems into the ITER Project;
- Successfully controls the technical aspects of the NB system integration and installation into the ITER Project;
- Successfully supports the NB project needs.