

# IO1406 Neutral Beam Section Leader CHD-013

## General information

Job category	Standard
Status	Published
Department	DIP/Directorate for CODAC, Heating & Diagnostics
Division	CHD / Heating and Current Drive Division
Section	CHD / HCD / Neutral Beam Section

## Job description

Main job	Science - Physics
Title of the position	Neutral Beam Section Leader CHD-013
Job family	Section Leader
Grade	P5
Direct employment	Required
Purpose	<p>To lead the Neutral Beam (NB) Section and be responsible for all activities leading to the procurement of the NB heating and current drive injectors and the diagnostic NB injector;</p> <p>To ensure that Research &amp; Development (R&amp;D) necessary for the successful realization of the ITER NB injection system is carried out;</p> <p>To coordinate the planning, schedule and technical control, and direct and design the R&amp;D activities for the ITER NB system;</p> <p>To prepare ITER task agreements, interface documentation and procurement arrangement documentation.</p>
Main duties / Responsibilities	<p>Supervises &amp; directs the NB Section's activities;</p> <p>Provides effective leadership for the Section ensuring team members are motivated &amp; constantly developing their skills &amp; experience;</p> <p>Ensures the successful realization of the NB system;</p> <p>Gains &amp; sustains a thorough knowledge of the ITER NB system, all associated technology &amp; interfaces;</p> <p>Promotes the implementation of the NB system &amp; associated technologies in ITER;</p> <p>Promotes the development &amp; upgrade of the NB systems;</p> <p>Maintains the interfaces with the NB systems;</p> <p>Manages the contracts &amp; resources allocated to the NB Section;</p> <p>Coordinates the R&amp;D &amp; activities carried out for the ITER NB systems both in the ITER Organization (IO) &amp; in the Domestic Agencies (DAs);</p> <p>Keeps abreast of worldwide developments in NB injection relevant technology;</p> <p>Disperses the relevant information through publications &amp; conference presentations;</p> <p>Executes &amp; delivers the Detailed Work Schedule in support of the Strategic Management Plan for scope budget &amp; schedule of the systems in the Section &amp; contributes to the staffing of the Section;</p> <p>Assures that IO's goals are achieved in a timely and effective manner, which meets safety, quality, cost &amp; schedule targets;</p> <p>Maximizes human capital &amp; people's commitment to achieving the IO goals;</p> <p>Provides leadership in safety;</p> <p>Builds &amp; maintains relationship with internal &amp; external stakeholders;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation &amp; perpetuation of the ITER Safety Program, values &amp; ethics.</p> <p>Reports to the H&amp;CD Division Head;</p> <p>Acts as an interface between the Section &amp; the ITER Line Management;</p> <p>In response to requests from the Director-General and/or CODAC, Heating &amp; Diagnostics (CHD) Director, or proactively, informs the DG/ CHD Director of any important &amp; urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p>

Measures of effectiveness	<p>Ensures the NB systems design and implementation progresses at a satisfactory rate;</p> <p>Ensures the R&amp;D or design work is carried out by the scientist or others under his supervision;</p> <p>Completes ITER tasks and contracts on time;</p> <p>Builds team spirit in the NB section and maintains good relations with the interfacing systems;</p> <p>Responsible for Section deliverables that meet safety standards, quality schedule and cost requirements;</p> <p>Responsible for implementation of safety nuclear regulation and other safety standards of the section's work;</p> <p>Responsible for adherence to technical standards.</p> <p>SAP id 50000303</p> <p>Project construction phase.</p>
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Applicant criteria

Level of study	Master or equivalent degree
Diploma	Physics or Engineering or other relevant
Level of experience	At least 10 years
Technical experience	<p>At least 10 years' experience of project management with high power NB systems;</p> <p>Extensive experience &amp; knowledge of NB injector physics and engineering;</p> <p>Thorough experience &amp; knowledge of negative ion beam production;</p> <p>Experience in designing and operating high power neutral beam systems;</p> <p>Extensive experience in advising NB experts, preferably in an international environment.</p>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	<p>At least 5 years' experience in supervising a team would be an advantage;</p> <p>Ability to provide effective leadership;</p> <p>Ability to motivate and develop the team members' skills and experience;</p> <p>Demonstrated capability to lead a multi-disciplinary team and to interact with experts in different scientific disciplines.</p> <p>Ability to negotiate with influence and convince internal and external stakeholders;</p> <p>Good working knowledge of word processing and spreadsheet software.</p>
Languages	English (Working)
Others	A PhD would be considered an advantage.