



china eu india japan korea russia usa

## JOB DETAIL

Ref. IO1113 - 1/12/2011

## Neutral Beam Section Leader - CHD-013

<b>Main job</b>	Fusion
<b>Department</b>	DIP/Directorate for CODAC, Heating & Diagnostics
<b>Division</b>	CHD / Heating and Current Drive Division
<b>Section</b>	CHD / HCD / Neutral Beam Section
<b>Job Family</b>	Project engineering
<b>Application Deadline</b>	2/28/2011
<b>Grade</b>	P5
<b>Direct employment</b>	Not required
<b>Purpose</b>	<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>The successful candidate will work closely with the Heating &amp; Current Drive (H&amp;CD) Division Head to:</p> <ul style="list-style-type: none"> <li>- Ensure that Research &amp; Development (R&amp;D) necessary for the successful realization of the ITER NB injection system is carried out;</li> <li>- Coordinate, direct and design the R&amp;D activities for the ITER NB system;</li> <li>- Prepare ITER task agreements, interface documentation and procurement arrangement documentation;</li> <li>- Coordinate the planning, schedule and technical control of the NB systems.</li> </ul>
<b>Main duties / Responsibilities</b>	<ul style="list-style-type: none"> <li>- Supervises and directs the NB Section's activities;</li> <li>- Provides effective leadership for the Section ensuring team members are motivated and constantly developing their skills and experience;</li> <li>- Ensures the successful realization of the NB system;</li> <li>- Gains and sustains a thorough knowledge of the ITER NB system, all associated technology and interfaces;</li> <li>- Promotes the implementation of the NB system and associated technologies in ITER;</li> <li>- Promotes the development and upgrade of the NB systems;</li> <li>- Maintains the interfaces with the NB systems;</li> <li>- Manages the contracts and resources allocated to the NB Section;</li> <li>- Coordinates the R&amp;D and activities carried out for the ITER NB systems both in the ITER Organization (IO) and in the Domestic Agencies (DAs);</li> <li>- Keeps abreast of worldwide developments in NB injection relevant technology;</li> <li>- Disperses the relevant information through publications and conference presentations;</li> <li>- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li> </ul>
<b>Measures of effectiveness</b>	<ul style="list-style-type: none"> <li>- Successfully ensures the NB systems design and implementation progresses at a satisfactory rate;</li> <li>- Successfully ensures the R&amp;D or design work is carried out by the scientist or others under his supervision;</li> <li>- Successfully completes ITER tasks and contracts on time;</li> <li>- Successfully builds team spirit in the NB section and maintains good relations with the interfacing systems.</li> </ul>
<b>Level of study</b>	Master or higher degree
<b>Diploma</b>	Physics, Engineering or a related field
<b>Level of experience</b>	At least 10 years
<b>Technical experience</b>	<ul style="list-style-type: none"> <li>- At least 10 years' experience with NB systems;</li> <li>- Extensive knowledge of NB injector physics and engineering;</li> <li>- Thorough knowledge of negative ion beam production;</li> <li>- Experience in designing high power neutral beam systems.</li> </ul>

My space

RSS See jobs

My job alert

- Extensive experience in advising NB experts, preferably in an international environment.
- Social skills** Ability to work effectively in a multi-cultural environment
- General skills** MS Office standard (Word, Excel, PowerPoint, Outlook)
- Specific skills**
  - Demonstrated capability to lead a multi-disciplinary team.
  - Demonstrated capacity to work with experts from diverse fields relevant to a neutral beam system.
  - Demonstrated ability to interact constructively with external experts and teams from various scientific disciplines.
  - Good organisational skills.
  - Good working knowledge of word processing and spreadsheet software.
- Languages** English (Working)

[Back](#)[Apply](#)[Send to a friend](#)[Print offer](#)

For more information about ITER, visit our web site : <http://www.iter.org>

© 2011 ITER. All Rights Reserved.