



the way to new energy

china eu india japan korea russia usa

JOB DETAIL

Ref. IO1608 - 12/3/2015

Welding Engineer - TED-031

Main job	Manufacturing, welding
Department	TED / Tokamak Engineering Department
Division	TED / Vessel Division
Section	TED / VV / VV/Ports & Thermal Shield Section
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	01/03/2016
Grade	P2
Direct employment	Required
Purpose	<p>To review welding documents.</p> <p>To closely follow EB (Electro-Beam) welding of Vacuum Vessel (VV) and ports.</p> <p>To provide welding guideline such as welding justification and qualification to all users of the vacuum vessel.</p> <p>To follow-up manufacture in compliance with Quality Assurance and Quality Control requirements.</p>
Main duties / Responsibilities	<ul style="list-style-type: none">• Reviews welding documents such as Welding qualification, welder qualification, filler material acceptance, and others from Vacuum Vessel (VV) suppliers;• Closely controls EB welding technique including repair welding;• Manages the supervision of the welding operations during the procurement of VV components with collaboration of technical Responsible Officer (ROs);• Provides guidance on design and construction rules for mechanical components of nuclear installations in the course of RCC MR code interpretation related to welding rules;• Provides expertise and feedback to the feasibility of design and on the execution of critical joining procedures;• Manages the interfaces and is responsible for the proper implementation of Quality Assurance (QA) / Quality Control (QC) requirements and standards for welding procedures of the procured Tokamak components in close relation with the QA Division;• In close relation with the QA Division interacts with the Agreed Notified Body for ITER construction;• Provides welding guidance for VV assembly and other Project Breakdown Structures;• Performs other duties in support of the project schedule as described in the Detailed Work Schedule;• May be request to be part of any of the project team dealing with the above activities and perform other duties upon management request;• Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. <ul style="list-style-type: none">• Reports to the VV Ports & Thermal Shield Section Leader;• Interacts on a daily basis with members of the VV/Ports & Thermal Shield Section as well as external organizations;• In response to requests from the Director-General and/or Tokamak Engineering Department (TED) Head, or proactively, informs the DG/ TED Head of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.
Measures of effectiveness	<ul style="list-style-type: none">• Completes the design and assessment and release of Hold Points of VV within the prescribed specifications;

My space

RSS

See jobs

My job alert

- Provides high level standards expertise and support for decision making regarding design, R&D, procurement and QA;
- Generates and maintains a coherent, comprehensive and understandable welding documentation for the tokamak components;
- Maintains an effective communication within the ITER Organization as required by this position.

Project Construction Phase

Level of study	Master or equivalent degree
Diploma	Engineering field or other relevant discipline
Level of experience	At least 5 years
Technical experience/knowledge	<div><div>– At least 5 years' experience in welding technologies, non-destructive inspections and in the practical application of QC procedures;</div><div>– Qualification as "International Welding Engineer" is mandatory;</div><div>– Experience in the fusion technologies and/or Ultra High Vacuum (UHV) applications and/or nuclear devices would be highly advantageous;</div><div>– Basic Project Management experience is required.</div></div>
Social skills	<div>Ability to work effectively in a multi-cultural environment</div> <div>Ability to work in a team and to promote team spirit</div>
Others	<div>– Good command of the Microsoft Office package.</div>
Languages	English (Fluent)

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