



the way to new energy

china eu india japan korea russia usa


JOB DETAIL

Ref. IO1680 - 4/14/2016

Dimensional Control Engineer CST-036

Main job	Metrology
Department	CST / Construction Department
Division	CST / Construction Management Section/Division
Job Family	Engineer - 2
Application Deadline (MM/DD/YYYY)	05/15/2016
Grade	P3
Direct employment	Not required
Purpose	-To support the design and implementation of the global alignment and metrology strategy for ITER construction and the dimensional control of components.
Main duties / Responsibilities	<div>- Supports the development and implementation of the global alignment and metrology strategy for ITER, including on-site metrology, and the dimensional control of the Tokamak components during assembly;</div> <div>- Assists in the development and qualification survey processes and procedures, as necessary, to ensure fit-for-purpose data from the component manufacturing cycle to enable assembly alignment;</div> <div>- Assists in the development of the strategy for implementing manufacturing surveys with the ITER team, and with third-party inspectors;</div> <div>- Performs detailed design of the ITER site, pit, Tokamak, in-vessel datum systems and other sub-systems as necessary;</div> <div>- Develops processes and procedures for on-site assembly survey to ensure fit-for-purpose data;</div> <div>- Establishes and maintains data management and analysis protocols;</div> <div>- Prepares technical specifications and associated documentation for tenders, orders and instructions to proceed in liaison with the Procurement and Contracts Division and surveilles the work carried out by contractors</div> <div>- Builds and maintains relationships with internal and external stakeholders;</div> <div>- Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</div> <div>- May be requested to be part of any of the project team and performs other duties upon management request;</div> <div>- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</div> <div>- Reports to the Construction Management Section/Division Head;</div> <div>- Acts as an interface between with all other ITER Divisions/Departments/Offices, DA and Contractors;</div> <div>- In response to requests from the Director-General, or proactively, informs the DG 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.</div>
Measures of effectiveness	<div>- Successfully elaborates, maintains and implements the Metrology Plan and Procedures within the defined schedule, cost and respecting quality requirements;</div> <div>- Communicates efficiently with other sections to provide effective dimensional control and metrology solutions;</div> <div>- Elaborates alignment strategies with traceable computations and documented processes.</div>
Level of study	Project Construction Phase
Diploma	Master or equivalent degree
Level of experience	Mechanical Engineering or equivalent
Technical experience/knowledge	At least 8 years
	<div>- Extensive experience in similar jobs, and/or additional training certificates in relevant domains may compensate</div>

My space



See jobs

My job alert

- a lower education level.
- At least 8 years' experience in the application of 3-d metrology techniques to the alignment of large, complex, precise engineering structures;
- Knowledge of project management methodologies;
- Demonstrated ability to develop innovative solutions to complex engineering problems
- Extensive knowledge of Quality Assurance systems and their practical application
- Excellent safety record on previous projects.

Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
General skills	- Ability to negotiate effectively in particular in relation to claims and disputes, to manage conflict and maintain efficient working relationships; - Ability to work in a team and to promote team work.
Others	-Fluent in English (written and spoken), in particular the ability to write technical and contractual documents - Experience using modern project management tools.
Languages	English (Fluent)

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