

IO1277 Magnets-Coil Technician TKM-115/116

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Tokamak
Division	TKM / Magnet Division
Section	TKM / MAG / TF Coil Section

Job description

Main job	Engineering - Design
Title of the position	Magnets-Coil Technician TKM-115/116
Job family	Experienced Technician - 1
Grade	G4
Direct employment	Required
Purpose	Two vacancies to be filled in. To provide engineering support to the Toroidal Field (TF) Coil Section activities, in particular those related to the TF coil procurement and manufacture.
Main duties / Responsibilities	Ensures that the proper recommendation and approval procedures are implemented as part of the assessment process for all documents and drawings; Carries out structural assessments to support manufacturing optimization and change requests; Assists in monitoring the magnet procurement activities carried out by the Domestic Agencies (DAs); Prepares technical reports relating to the procurement activities; Maintains Quality Control documentation on procurement activities according to the procedures Assists in checking and filing magnet drawings; Ensures that quality controls are properly implemented and documented; Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan; Performs other duties linked to the above purpose upon management request, as necessary; Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Measures of effectiveness	Reports to Toroidal Field Coil Section Leader; Interfaces with other TF Coil Section personnel and with the other sections in the Magnet Division, with other Departments / Directorates as required by the magnet design, in particular with the Computer Aided Design (CAD) & Design Coordination Division; In response to requests from the Director-General and/or Director of Tokamak (TKM) Directorate, or proactively, informs the DG/ Director of TKM Directorate 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. Completes procurement activities in a timely manner within defined costs; Maintains an efficient working relationship with industrial partners Implement, maintain and issue in a timely and accurate way reports on procurement and manufacturing of components; Generates and maintains coherent, comprehensive and understandable documentation; Maintains effective communication within the ITER Organization.
	Project Construction Phase

Applicant criteria

Level of study	Bachelor or equivalent degree
Diploma	Mechanical Engineering or other related discipline

Level of experience	At least 5 years
Technical experience	<p>Experience as a technical designer or project engineer in a large multidisciplinary project or institute;</p> <p>Experience with mechanical design and analysis procedures;</p> <p>Experience with mechanical design codes and standards such as ASME;</p> <p>Experience in supervising manufacturing of components;</p> <p>Knowledge of low temperature superconductivity;</p> <p>Knowledge of electromagnetism;</p> <p>Knowledge of the high voltage electrical insulation;</p> <p>Knowledge of welding techniques;</p> <p>Knowledge of high vacuum technology;</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	Basic knowledge of Project Management.
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)