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Ref. IO1090 - 5/31/2010

Magnet Technology Specialist - TKM-099

Main job	Mechanics
Departments	TKM/Department for Tokamak
Divisions	TKM / Magnet Division
Sections	TKM / MAG / CS and Correction Coil Section
Job Family	Project engineering
Application Deadline	6/30/2010
Grade	G3
Direct employment	Required
Supervised by:	Section Leader
Purpose	Working under the supervision of a professional engineer, to assist in monitoring magnet procurement within the Domestic Agencies; To assist in assessing quality control documents, change and non-conformity requests; To prepare technical documentation to support the procurement activities
Main duties / Responsibilities	<ul style="list-style-type: none"> • Assists in monitoring the magnet procurement activities carried out by the Domestic Agencies; • Ensures quality controls are properly implemented and documented; • Prepares technical reports relating to the procurement activities; • Assists in checking and filing magnet drawings; • Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. • Ensures the proper recommendation and approval procedures are implemented as part of the assessment process for all documents and drawings
Measures of effectiveness	<ul style="list-style-type: none"> • Provides efficient and high quality service to the Magnet Division members; • Establishes a good collaborative attitude with all members of the Division and with other Divisions and Departments.
Level of study	Post-Secondary or Bachelor degree
Level of experience	At least 5 years
Technical experience	<ul style="list-style-type: none"> - Familiarity with superconducting coil design and manufacture; - Experience with cryogenic engineering; - Experience with high voltage systems; - Experience with welding and Non Destructive Testing procedures; - Experience with mechanical design and preparation of engineering drawings; - Demonstrated ability to write good quality technical reports
Project experience	5 to 7 years
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	<ul style="list-style-type: none"> • Computer and IT skills: <ul style="list-style-type: none"> - Familiarity with Windows based office programs; - Familiar with CAD systems.
Languages	English (Fluent)

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