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Ref. IO1070 - 12/18/2009

Fuelling Process Integration Tech. Engineer CEP-76

Main job	Mechanics
Type of contract	Fixed term contract
Grade	G5
Purpose	To control the process and physical interfaces of the Fuelling and Wall Conditioning System with plasma, plant systems and tokamak machine, and to develop a system operational scheme.
Main duties / Responsibilities	<ul style="list-style-type: none"> • Controls the process interfaces of the Fuelling and Wall Conditioning System with other plant systems, such as tritium plant, vacuum system, cryoplant, cooling water system, power supply, CODAC, Neutral Beam Heating & Current Distribution system, etc.; • Is responsible of the system layout and physical interface control with building, interfacing systems and components; • Supports the Risk Assessment, RAMI, HAZOP analysis, and development of the system operational scheme of the Fuelling and Wall Conditioning System; • Monitors the progress of the process and system design of the Fuelling and Wall Conditioning System in the Domestic Agencies; • Provides assistance to the Domestic Agencies and other Divisions/Sections in the ITER Organization to carry out design, process interface control and procurement; • Participates in the writing of procurement specifications, Interface Control Documents and relevant documentations; • Participates in the commissioning of the Fuelling and Wall Conditioning System; • Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Direct employment	Required
Measures of effectiveness	<ul style="list-style-type: none"> • Successful implementation of the process integration as well as the development of the operational scheme for the Fuelling and Wall Conditioning System; • Successful control of the process interfaces for the Fuelling and Wall Conditioning System with utilities; • Successful communication with other organizations within the ITER collaboration and the fusion community; • Successful completion of the tasks assigned under "Main Duties/ Responsibilities" above.
Level of study	Bachelor, equivalent or higher degree
Diploma	mechanical or electrical engineering
Level of experience	10 to 15 years
Technical experience	<ul style="list-style-type: none"> - At least 10 year's experience in the Design and/or operation of plant system and process integration; - Significant experience managing design, construction, operation of plant system or similar; - Experience in fusion devices would be considered an advantage.
Social skills	Ability to work effectively in a multi-cultural environment
	Ability to work in a team and to promote team work
Languages	English (Fluent)
General skills	CATIA ENOVIA

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