

# IO1234 Infrastructure Engineer BSI-055

## General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Buildings & Site Infrastructure
Section	BSI / BSI-1 / Building System Section

## Job description

Main job	Engineering - Civil engineering
Title of the position	Infrastructure Engineer BSI-055
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<p>To play a key role in the mission of the Buildings and Site Infrastructure Directorate which is primarily to ensure the oversight of the design and construction of the buildings and site infrastructure associated with the ITER project such that the project objectives in terms of cost, schedule and performance are achieved. To prepare, update and manage the design input data and other technical information necessary to fully define the ITER requirements for the project. To ensure the implementation of the ITER project management systems in particular those relating to oversight of contractors and suppliers.</p>
Main duties / Responsibilities	<p>Undertakes the day to day preparation, update and management of the technical documentation that forms the ITER requirements with a specific focus on the site infrastructure aspects of the ITER project;</p> <p>Is responsible for interfaces between the general site infrastructure and all interfacing systems by maintaining an effective communication;</p> <p>Analyses and prepares impact assessment of Project Changes Requests affecting buildings and site ;</p> <p>Assesses critically the designs prepared by the DAs and their contractors and takes an active role as a technical expert in design reviews relating to civil infrastructure engineering;</p> <p>Plans, and manages ITER reviews and audits of the designs produced by the domestic agency;</p> <p>Implements, and manages the implementation by others, of the ITER management policies, procedures and work instructions focusing on French regulatory requirements relating to Basic Nuclear Installations in particular the application of the ITER Quality Assurance (QA);</p> <p>Takes an active and lead role and manage meetings relating to the design and construction of the ITER infrastructure and ensuring meeting outcomes are consistent with ITER requirements;</p> <p>Undertakes on-site monitoring activities and audits to ensure that construction activities are carried out in accordance with approved designs. Ensures full traceability of activities from design through to as-built records implementing requirements of the French Nuclear Regulation. Writes technical documents, procedures and work instructions for the oversight activities;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p>
Measures of effectiveness	<p>Reports to the Building Systems Section Leader; Interfaces with other BSI Section Leaders, IO line management, IO staff and with DAs' technical personnel and contractors&amp; IO contractors.</p> <p>Interacts closely with staff from BSI, Technical Integration Division and Quality Assurance and Safety Division;</p> <p>In response to requests from the Director-General and/or Buildings and Site Infrastructure Director, or proactively, informs the DG/ Buildings and Site Infrastructure Director 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.</p> <p>Compliance of assigned tasks to the ITER schedule;</p> <p>Completion of technical responses within assigned timeframe;</p>

Number of technical documents drafted and reviewed successfully;  
 Contribution to technical meetings and level of positive feedback from attendees;  
 Positive feed-back from interfacing Technical Responsible Officers.

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 Project Construction Phase

## Applicant criteria

Level of study	At least Bachelor or Master/Engineering degree
Diploma	Civil engineering or other relevant discipline
Level of experience	At least 10 years
Technical experience	<p>Experience in the field of civil engineering, probably related to infrastructure, with a strong level of competence in both design and construction oversight;          Some experience of design and construction within a nuclear;          Experience of implementation of rigorous QA procedures and management of associated documentation, preferably in the nuclear field;          Experience of motivating and leading people to achieve outcomes and in managing technical meetings to achieve project goals;          Experience of basic project management concepts such as scheduling, Earned Value Management, task management;          Experience of problem solving in a multi-task environment to strict deadlines;</p>
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit, Ability to communicate effectively</p>
General skills	<p>Strong ability to effectively communicate, both verbally and in writing, with Officers at all levels distributed throughout the Organization;          Ability to motivate others and be recognized as a motivating leader;          Ability to make decisions under stressful circumstances;</p>
Languages	English (Working)
Specific skills	Computer Aided Design, MS Office standard (Word, Excel, PowerPoint, Outlook)