

# IO1958 Mechanical & Piping Supervisor - PED-165

## General information

Job category	Standard
Status	Published
Department	PED / Plant Engineering Department
Division	PED / Field Engineering Installation Division

## Job description

Main job	Engineering - Mechanics
Title of the position	Mechanical & Piping Supervisor - PED-165
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<ul style="list-style-type: none"><li>-To assure the Operator Surveillance Role during Mechanical and Piping installation in defined Worksites as required by ITER project during installation activities;</li><li>-To assure integration in the activities between IO Contractors and DA's contractors;</li><li>-To act as Technical Responsible Officer to assure the surveillance of the DAs Mechanical Contractors working in the same areas;</li><li>-To develop the right strategy to optimize the installation sequence, taking into account the in-kind contributions availabilities and the buildings availabilities;</li><li>-To perform on-site activities in full integration with Construction Management Agent (CMA) according to installation sequence requirements.</li></ul>
Main duties / Responsibilities	<p>For the defined scope of responsibilities:</p> <ul style="list-style-type: none"><li>-Is the technical interface between the Construction Management Agent (CMA) and the IO Engineering departments;</li><li>-Leads the review process of any Installation Procedures, Inspection &amp; Test Plans and the installation testing issued by the Contractor;</li><li>-Issues inspection and observation reports when and where required;</li><li>-Assures consistency among the mechanical and piping systems in installation phase and the engineering work packages issued by other ITER Engineering Departments;</li><li>-Follows the resolution of the field engineering changes and installation non-conformance;</li><li>-Assists during testing and commissioning of components that are installed and alerts line management when necessary;</li><li>-Is responsible of the installation sequence and schedules related to the installation of all ITER mechanical &amp; piping system;</li><li>-May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays;</li><li>-May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;</li><li>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li></ul> <p>-Under the supervision of the Mechanical and Piping Installation Surveillance Group Leader, reports to the Field Engineering Installation Division Head;</p> <p>-In response to requests from the Director-General and/or Director of Plant Engineering Department (PED) or proactively, informs the DG/Director of PED Department 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>
Measures of effectiveness	<ul style="list-style-type: none"><li>-Timely and accurate reporting on the status of the fabrication and installation;</li><li>-Assure the completion of the installation of mechanical components, ensuring a proper implementation of safety requirements and QA/QC requirement;</li><li>-Manage efficiently the handover of Engineering Work Packages (EWP) to CMA;</li><li>-Ensure the efficient execution of actions related to construction for his/her scope of activities, within the defined cost, scope and schedule;</li><li>-Manage effectively the interfaces associated with his/her scope of activities.</li></ul>

## Applicant criteria

Level of study	Master or equivalent degree
Diploma	Nuclear / Mechanical Engineering degree
Level of experience	At least 8 years
Technical experience/knowledge	<ul style="list-style-type: none"> <li>-Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.</li> </ul>
	<ul style="list-style-type: none"> <li>-At least 8 years of experience in construction, in reporting and in the fabrication and installation supervision of large and complex piping systems nuclear plants;</li> </ul>
	<ul style="list-style-type: none"> <li>-Good experience in piping fabrication and installation procedures as well as welding techniques, testing and NDT techniques according to International Rules (ASME III / ANSI B31.3, RCC);</li> </ul>
	<ul style="list-style-type: none"> <li>-Good experience in piping supporting systems technologies, steel structures construction as well as special dynamic supports systems ( dynamic shock absorbers) for nuclear power plants;</li> </ul>
	<ul style="list-style-type: none"> <li>-Good experience in field installation supervision of plant static equipment, like pressure vessels and heat exchangers and rotating components, like pumps and compressors;</li> </ul>
General skills	<ul style="list-style-type: none"> <li>-Basic knowledge of large capacity Cooling Towers and open cooling circuits;</li> <li>-Experience in supervision of large HVAC industrial systems;</li> <li>-Knowledge of fusion related technologies and systems will be considered advantageous;</li> <li>-Knowledge of Pressure Equipment Directive for piping systems and other pressure equipment applicable during installation and testing;</li> <li>-Knowledge of international Mechanical components and piping systems standards;</li> <li>-Experience in applying Quality Assurance as well as Quality Control procedures for the installation of mechanical components and piping systems;</li> <li>-Experience in surveillance roles for nuclear power plants installation;</li> <li>-Experience in reporting progress status.</li> </ul>
Languages	English (Fluent)
Specific skills	CATIA, MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	<ul style="list-style-type: none"> <li>Highly proactive and autonomous personality;</li> <li>Ability to work effectively in a multi-cultural environment;</li> <li>Ability to make decisions under stressful circumstances;</li> <li>Ability to facilitate dialogue with a wide variety of contributors and stakeholders;</li> <li>Ability to adjust communication content and style to deliver messages;</li> <li>Ability to persist in the face of challenges to meet deadlines with high standards;</li> <li>Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.</li> </ul>