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# Lead Mechanical Inspector

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Company: Assystem Location: Mersin Category: other-general

# **Company Description**

Finding solutions to climate change is the priority of the 21st century, and means switching to low-carbon energy. At Assystem, our mission is to accelerate the energy transition worldwide. To achieve this, our 7,000 Switchers combine their historical engineering expertise and project management with digital technologies.

In our 12 countries (Europe, Middle East, Asia) of operation, we are working on the production and distribution of low-carbon electricity, through the development of nuclear and renewable energies. We are also supporting the modernisation and development of energy grids, managing the setup and siting for new transmission and distribution networks, and using hydrogen to decarbonise the transport and industry sectors. Assystem in Türkiye, is renowned for working with the public and private sectors. Specializing in ESIA studies, site investigations, and laboratory research, the company offers vital site supervision owners and lenders engineering services. Notably, Assystem in Türkiye plays a pivotal role in major projects like power generation, and the construction of the Akkuyu nuclear power plant.

## **Job Description**

Lead Mechanical Inspector is in charge of supervising a small group of inspectors (4 to 8) in charge of performing predefined checks regarding the quality and the conformity of

mechanical and welding works on NPP buildings during the construction and the installation phases. This position ensures the local coordination of the group of inspector.

## Qualifications

## Responsibilities

Assume the supervision of his/her group of inspectors and of all their activities

Ensure that the inspections are properly prepared and carried out, in compliance with the regulatory and technical requirements (Turkish law 30024, NPP Licensing Basis, Norms & Standards, etc.)

Ensure that the results of inspections are properly reported and recorded, assuring the required traceability and that the defaults & deviations and non-conformities detected during the inspections are properly assessed and followed-up

Has to bring technical support to his/her group of inspectors and to help for implementing the AEOS Project Quality System

Must promote the safety culture and the protection of environment in his/her inspection group

### Duties

Identify, assess, prioritize, and assign to his/her inspectors the inspections they have to carry out, taking into account the schedule, the progress of construction works, the availability of inspectors, and the Graded Approach

Take knowledge of NPP Project referential (Turkish law 30024, NPP Licensing Basis, Norms & Standards, etc.) and provide technical support when needed

Manage the review of execution documentation (technical drawings, quality plans ...) and approve comments issued by his/her inspection group

Verify and approve the preparation of inspection to be performed

Give instruction to his/her inspection group about critical issues related to technical, quality, safety, progress of works, etc., regarding inspections to be performed

Can participate to inspections on site, and conduct, when needed, critical or technically complex inspections

Verify and approve Work Inspection Reports established by his/her inspection group

Participate to the assessment of defaults, deviations and non-conformity notifications issued by his/her inspection group, approve the related documents produced (Default or Deviation Notification DDN, Non-Conformity Notification NCN) and ensures they are properly recorded and monitored

Validate the needs for complementary independent tests on samples (i.e. welds, NDT etc.) and participate to the analysis of the results

Participate to the update of technical procedures, control plans and/or checklists related to mechanical and welding activities when needed

## Profile

#### Interfaces

Belong to the AEOS Inspection Team, and particularly to the Mechanical Inspection Team

Report to the Mechanical Inspection Coordinator and follow his/her instructions

Communicate and interact with all the inspectors included in his/her inspection group

Exchange with other discipline inspection leads in order to take into account the other discipline inspection activities for organising his/her inspection group activities

Interface with AEOS Project support team, on documentation management topics and for the elaboration of the Monthly Report

Can be lead to communicate and exchange with stakeholders involved in the construction and installation activities

#### Knowledge, Skills and Behaviour

## Knowledge

Knowledge of general norms:

safety systems of nuclear power plants

ISO 9001 - Quality Assurance

ISO 3834 - Quality requirements for fusion welding of metallic materials

ISO 17020 - Inspection

ISO 17660 (will be a plus) - Welding of steel reinforcement

Knowledge of mechanical standards:

GOST 3834 - Quality Requirement for Welding

GOST 5264-80 (will be a plus) - Manual arc welding. Welding joints

GOST 14771-76 (will be a plus) - Gas-shielded arc welding. Welded joints

SP 70.13330-2012 (will be a plus) - Bearing and enclosing structures

Russian PNAE 10-031-92 (will be a plus) - Welding of components of localizing

Russian PNAE 10-032-92 (will be a plus) - Testing rules for welded joints of

components of localizing safety systems

Fluent in Turkish - read and spoken

Fluent in English - read, spoken and written

Russian language - read, spoken (will be a plus)

Microsoft Office software (professional use)

## Education

Graduate diploma in mechanical field (High school + 4 yearsas a minimum)

#### Experience

Experience in inspection or quality assurance or quality control in mechanical and

welding works: 3 years minimum

Experience in mechanical and welding works in construction projects or industrial

plants: 5 years minimum, 7 to 10 years preferred

Experience in technical management: will be a plus

# Qualification

Qualification as mechanical or welding inspector must be demonstrated by CV and evidence documents

CSWIP 3.1 Welding inspector certificate (will be a plus)

ISO 9001 certificate (will be a plus)

## Additional Information

Nous nous engageons au respect de l'égalité de traitement entre les candidats, et célébrons toutes les formes de diversité. Chez Assystem, seules les compétences comptent ! Si vous souhaitez porter à la connaissance d'Assystem une quelconque situation ou des besoins spécifiques, n'hésitez pas vous serez accompagné(e) !

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