



Job Title: Piping Quality Control Inspector

Job Type: Full-time

Job Location: Clarksville, TN

Job Description:

We are seeking a meticulous and experienced Piping Quality Control (QC) Inspector to ensure that piping systems in our construction projects meet all quality, safety, and regulatory standards. The ideal candidate will have a solid understanding of piping systems, welding processes, and industry standards, with a keen eye for detail and a proactive approach to problem-solving.

Your duties will include:

- Inspecting piping installations to verify compliance with project specifications, engineering drawings, and applicable codes and standards (e.g., ASME, API).
- Conducting visual inspections and non-destructive testing (NDT) such as ultrasonic, radiographic, and magnetic particle testing on welds and piping components.
- Monitoring welding activities to ensure compliance with Welding Procedure Specifications (WPS) and Welder Qualification Records (WQR).
- Reviewing and verifying Material Test Reports (MTRs) and ensuring that all materials meet specified requirements.
- Preparing and maintaining detailed inspection records, test results, and quality reports.
- Conducting hydrostatic and pneumatic testing to validate system integrity and identify potential leaks or failures.
- Collaborating with construction teams, contractors, and project engineers to address quality-related issues and resolve non-conformities.
- Creating punch lists and tracking corrective actions to ensure timely resolution of quality discrepancies.
- Ensuring proper use and calibration of inspection tools and equipment.
- Supporting pre-commissioning and commissioning activities to validate system readiness.
- Ensuring adherence to safety protocols and proper use of Personal Protective Equipment (PPE) during inspections and testing.

Your qualifications are as follows:



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- Korean/English bilingual is a must (Native proficiency including writing and reading).
- Diploma or Bachelor's degree in Mechanical Engineering, Piping Engineering, or a related field.
- 5-12 years of experience in piping inspection or quality control, preferably in industrial or construction projects.
- Proficiency in interpreting piping and instrumentation diagrams (P&IDs), isometric drawings, and engineering specifications.
- Knowledge of industry standards such as ASME, API, and ASTM codes.
- Certification in NDT methods (e.g., UT, RT, MT, PT) and welding inspection (e.g., AWS CWI, CSWIP) is highly preferred.
- Strong attention to detail and analytical skills for identifying and resolving quality issues.
- Proficient in MS Office and quality management software.
- Excellent communication and teamwork skills.

Your benefits are as follows:

- Medical, Dental, and Vision insurance
- 401K matching
- PTO
- Paid holiday

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