

Non-Destructive Test Technician: Sr. Lead Non-Destructive Test Technician

Performs non-destructive tests (NDT) on materials, manufactured items, or components. Inspects metallic and nonmetallic materials, parts and assemblies for defects using automated and manual methods and techniques including radiography, ultrasound, penetrant, eddy current, laser shearography and magnetic particle. Requires certifications in non-destructive testing in accordance with regulations.

Knowledge

Extensive knowledge and comprehensive acquaintance with, and understanding of, both general and specific aspects of the job and their practical application to complex problems and situations ordinarily encountered.

Supervision Received

Minimal supervision. Work may be done without established procedures.

Consequence of Errors

Errors are very difficult to detect and would normally require significant expenditures to resolve.

Contacts

Contacts are frequent with individuals representing outside organizations and/or individuals of significant importance within the company. Contacts involve planning and preparation of the communications, require skill, tact, persuasion and/or negotiation to accomplish the objectives of the communication.

Work Products (Examples may include but are not limited to)

Continue in regular duties as required. Maintain safe and effective quality assurance operations by motivating and directing the work force. Assist in the administration of activities and assignments and provide leadership to the workforce during quality assurance operations. Identify problems by evaluating all circumstances and proactively identify potential hazards to personnel, facilities, tooling, equipment and product. Use knowledge of quality operations and make recommendations to higher levels to solve problems and interpret/administer management policies and procedures to avoid down time and delays. Apply knowledge and experience to quickly assess, diagnose, develop and implement systems and corrective actions in order to maintain the quality and productivity goals of the team. Motivation of a high performance work team achieved through the incumbent's knowledge, attitude, example and coaching. The incumbent must be able to create a positive attitude and work environment for all personnel involved. Responsible, under supervision, for motivating a high performance work team to meet productivity, efficiency, quality and safety goals of the quality assurance team. Ensures all systems for supporting operations with materials, parts, tools, tooling, process, paper, etc. are adequately maintained to avoid production down time and delays. Evaluates support systems to ensure efficiency and interfaces with all departments in recommending changes as necessary. Conduct meetings and plan work activities in conjunction with the Quality Assurance Managers. Responsible for coordination between Production Control and Manufacturing; effectively organizing work, anticipating production problems, tracking case status, ensuring material availability, etc.

Minimum Education and Experience

Good leadership skills with ability to motivate and lead others. Skill in interpersonal relationships and training others. Communication skills with various support groups and various levels of management. Computer skills in operating network and personal computer. Knowledge of purchasing procedures and operations. Knowledge of Safety procedures and encourage others to abide by them. Skill in operating inspection equipment, etc., and driving motor vehicles. Skill in reading mechanical engineering drawings and specifications. Ability to organize work to meet with load requirements.