

Non-Destructive Test Technician: Non-Destructive Test Technician I

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

Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.

Supervision Received

Close supervision involving detailed instructions and constant checking on work performance.

Consequence of Errors

Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.

Contacts

Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation.

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

Knowledge to set up and standardize equipment, conducts tests, per written and verbal instructions as required. Thoroughly familiar with the scope and limitations of the technique/method in which they are certified. Familiar with codes, standards and other contractual documents that control the method. Knowledge of product manufacturing and inspection technology. Assist in the design special test fixtures and test setups.

Minimum Education and Experience

College Science courses or equivalent education background (need not have a degree). Ability to successfully pass Level I certification examinations and requirements. Current Level I certification preferred, but not required. Computer and technical writing skills (i.e.: MS Word, Excel, MS Paint, or equivalent). Must possess excellent interpersonal and verbal communication skills and be able to maintain good will in a potentially adversarial role. Requires some understanding of electronics, test equipment, mechanical test methods and materials characteristics. An understanding of composite manufacturing/product optional, but preferred.