

Non-Destructive Test Technician: Non-Destructive Test Technician III

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

Considerable knowledge of the job. Complete acquaintance with, and understanding of, the general and detailed aspects of the job and their practical applications to problems and situations ordinarily encountered.

Supervision Received

Limited supervision. No instructions needed on routine work and general instructions given on new lines of work or special assignments.

Consequence of Errors

Errors may be difficult to detect and would normally result in loss of customer business, material or equipment to resolve.

Contacts

Contacts are frequently with individuals representing other departments and/or representing outside organizations. Contacts involve obtaining or providing information or data on matters of moderate importance to the function of the department or which may be of sensitive nature.

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. Ultrasonic inspection experience on composites is a plus.

Minimum Education and Experience

Must have 1600 hours documented in UT experience and 80 hours in formal training per NAS 410 requirements. Must be able to pass a company administered UT Level II test. College Science courses or equivalent education background a plus (need not have a degree). Must be able to pass a near vision 20/25(Snellen) at 16" +/- 1" in at least one eye, and be capable of adequately distinguishing and differentiating colors. 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.