

Non-Destructive Test Technician: Non-Destructive Test Technician II

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

Full knowledge of the job. Substantial acquaintance with and understanding of general aspects of the job with a broad understanding of the detailed aspects of the job.

Supervision Received

General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments.

Consequence of Errors

Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction.

Contacts

Contacts are typically with individuals within own department and occasionally with contacts outside own organization. Contacts involve obtaining or providing information or data requiring some 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. 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.