



<b>Job Title:</b>	<b>NDE Level I &amp; II</b>	<b>FLSA Status:</b>	<i>Non-Exempt</i>
<b>Department:</b>	Operations	<b>Date Created:</b>	November 2017
<b>Reports To:</b>	Lead	<b>Reviewed By:</b>	Asst. Ops Manager

**POSITION SUMMARY:**

Position is responsible for the operation of NDT (Non Destructive Testing), grinding and saw cutting, daily maintenance work, changing tools, grading samples, and reporting results.

**RESPONSIBILITIES/ACCOUNTABILITIES:** All personnel are responsible for meeting the Quality Objectives in their position/department. *Other duties may be assigned beyond the core responsibilities/accountabilities listed below.*

1	25%	Operating and monitoring ultrasonic testing equipment for tube body defect detection.
2	15%	Operating computer automated machinery and equipment.
3	10%	Changing tools, adjusting machine parameters correctly and routine equipment maintenance.
4	10%	Magnetic particle inspection.
5	10%	Operation of the EDM for creating reference standards.
6	10%	Inspecting material quality by means of manual and automated UT, AUT (Phased Array), and VT examination for seamless and ERW casing and tubular manufacturing operations.
7	10%	Evaluating the surface and tubular characteristics for evaluation and compiling to the API 5CT and other applicable specifications (i.e., dimensional requirements, ovality, wall thickness, eccentricity, surface condition on ID and OD, etc.).
8	10%	Operating equipment in the re-work area as required (band saw, grinder, handheld UT)

**QUALIFICATIONS:** *To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The qualifications listed below are representative of the knowledge, skill, and/or ability required.*

1. Relevant Associates degree or certifications in NDT.
2. Valid Texas Driver's License.
3. Experience in non-destruction testing and/or flaw detection (quality control) work preferred.
4. This position requires the ability for certification in accordance with The American Society for Nondestructive Testing, Inc.'s Recommended Practice No. SNT-TC-1A (2011).
5. Forklift and overhead crane operations experience preferred.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:**

- Ability to effectively deal with other people, especially other Company personnel, to enlist needed cooperation in implementing regulatory requirements
- Ability to work various shifts.
- Must have a team player attitude and have a commitment to SAFETY.
- Knowledge of compiling reports and ensuring compliance.
- Requires, at all times, wearing protective and safety equipment.
- Ability to effectively use a computer for data entry, reporting and word processing.
- Must have an aptitude for electronics and computer based systems.
- Applicant should have knowledge and should be skilled in this field through education and work experience.

**PHYSICAL REQUIREMENTS:**

- Must have visual acuity in at least one eye capable of reading the Jaeger J1 test chart, or equivalent, at a distance of not less than 12 inches (30.5 cm).
- Must be able to differentiate between the colors used in the color perception examination.
- Ability to work in heat, cold, dust, noise/vibration and confined space and hazardous conditions.
- Ability to work in a high temperature environment, working high above the ground and work in outdoor environment.
- Normal physical activity includes frequent sitting, standing, and walking in a usual workday.
- Requires frequent bending, stooping, squatting, kneeling, crawling, climbing a ladder and stairs, and reaching above shoulder level.
- Requires employee to occasionally lift and carry heavy objects weighing 50 – 100 lbs.
- Requires retrieving files by pulling out and pushing in potentially heavy filing cabinet drawers and other objects.

**TRAINING EXPECTATIONS:**

- Upon hire, employee will receive necessary rules and regulations.
- Every year in this position staff will attend training and continuing education as required for the position.
- Everyone is responsible for safety.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Employee

**COMPETENCY:**

The above employee has demonstrated the capability to satisfactorily perform the responsibilities of this position after the 90-day Introductory Period.

APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_  
Department Manager/Supervisor