

NDE Level I & II

Reports To: Operations Manager
Department: Operations
FLSA Status: Non-Exempt



JOB 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/ACCOUNTABILITY:

- Operating and monitoring ultrasonic testing equipment for tube body defect detection.
- Operating computer automated machinery and equipment.
- Operating pipe cutter machine to cut pipes during quality control process.
- Grinding outside surface of steel pipes with a grinding wheel.
- Changing tools, adjusting machine parameters correctly and routine equipment maintenance.
- Storage of approved quality product and appropriate marks for quality.
- Retrieving and sending samples and marking the final test scraps.
- Sling, sling security checks, standard command for the feeding crane.
- Routine overhead crane operation and hanging steel pipes into the reservoir.
- Recording production related data through ERP system.
- Monitoring, troubleshooting, and coordinating timely repair of NDT equipment.
- Routine checking of flaw detection and cutting machine, cooperates with the equipment mechanics to do periodic or urgent repair of the equipment.
- Magnetic particle inspection.
- Operation of the EDM for creating reference standards.
- 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.
- Performing UT, VT and other NDT methods.
- 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.).
- Responsible for meeting the quality objectives in your department/position.
- Performing other duties as assigned by your supervisor.

QUALIFICATIONS:

1. Relevant Associates degree or certifications in NDT.
2. Valid 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.
6. Valid U.S. Passport preferred.

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.

PHYSICAL REQUIREMENTS:

- You 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).
- You 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:

Applicant should have knowledge and should be skilled in this field through education and work experience.

- 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.