



**ECTOR COUNTY, TEXAS
HUMAN RESOURCES DEPARTMENT**

WELDER
HIGHWAYS & STREETS – ROAD MAINTENANCE SECTION

Ector County Highways and Streets Department needs an experienced Welder. The qualified individual will be responsible for performing the estimating, preparation, and weld and assembles metal components to effect repairs to county equipment and buildings. Employees at this level works as part of a team as well as independently on assignments. Incumbent receives limited direction and performs the job according to his/her own judgment; however, all unusual issues are referred to the Department Head. The Welder will report to Road Maintenance Supervisor and Foreman.

PRIMARY DUTIES:

- Cuts, lays out, fits and welds metals or alloyed metal parts to fabricate new, replacement, or repair equipment; may weld permanent metal deck forms.
- Operates manual and automated welding units and equipment by depositing metal from electrode to work piece and joins edges of work pieces.
- Examines work pieces for defects and measure work pieces with straightedges or templates to ensure conformance with specifications.
- Recognizes, set up, and operates hand and power tools common to the welding trade.
- Clamps, holds, tack-welds, heat-bends, grinds or bolts component parts to obtain required configurations and positions for welding.
- Reads and interprets blueprints and machine drawings to determine dimensions of metal and specific welding requirements.
- Selects torch, torch tip, filler rod and flux, according to welding chart specifications or type and thickness of material.
- Assists in changing hoses, fittings, air valves, suspension parts, and other units pertaining to the trade.
- Conducts activities in a safe and healthy manner and work in accordance with established safety and County requirements.
- Tests and inspects welded surfaces and structures to discover flaws and correct defects before delivery.
- Check that all information regarding work order is correct before accepting job to fabricate or repair.
- Performs all necessary maintenance and repair on all equipment used in welding.
- Performs the duties of hauling equipment to job site, picking up other department equipment for repairs or services, and returns said piece of equipment to the departments.
- Performs any other job-related duty as assigned by the immediate supervisor, or in support of the County administration and all departments.

MINIMUM QUALIFICATIONS: High School Diploma or G.E.D. equivalency, plus a minimum of three (3) years of experience and/or job training in the welding industry with skills in both welding and fabrication. Related college level education in Welding Technology or Machine Tool Technology may be used to supplement experience on year per year basis; **OR**, any combination of education and experience that has been achieved and provide the required knowledge, skills, and abilities sufficient to successfully perform the duties and responsibilities of this job.

SPECIAL REQUIREMENTS:

Must possess State of Texas Driver's License Class C with an insurable driving record. The position requires approved safety shoes. Will be required to wear safety vest, safety glasses, and hard hat during work. Will be required to work outside normal hours, to include weekends and holidays, in emergencies and inclement weather. Will be required to travel and to stay away from home overnight during trainings. Must be flexible and willing to adapt to changes.

KNOWLEDGE, SKILLS, & ABILITIES:

- Welding certification is strongly preferred, or ability to obtain a certification when employed. Knowledge of welding safety and OSHA requirements.
- Ability to weld components in various positions – vertical, horizontal, or overhead.
- Ability to read and interpret documents furnished in written, oral, diagram, or schedule form such as safety rules, operating and maintenance instructions, quality manuals and procedure manuals.
- Ability to plan, organize, and manage multiple projects or activities with minimal supervision.
- Ability to read and interpret blueprints; understand shop mechanics.
- Ability to move parts in and move finished product out of welding area.
- Ability to perform simple shop math, convert decimals to fractional equivalents. Ability to use weld fillet gauges to ensure proper weld size and interpret tolerance.
- Physical ability to perform job duties including; standing, bending, stooping, crawling, climbing, and kneeling in regular work places and in cramped spaces.
- Maintaining safe operation of equipment, safe loading, and unloading of equipment.
- Ability to document problems or issues with equipment.
- Willing to learn to adapt to changes and principles and practices of welding and fabrication.
- Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- Skills in controlling operations of equipment or systems.
- Ability to perform estimate of costs of projects and provide input to department head for budgetary planning.
- Ability to communicate effectively by phone, radio, or in person in a one-to-one, or group setting.

SALARY: Set salary depends on experience (DOE), plus excellent benefits.

WORK DAYS & HOURS: Alternate (Monday–Friday, 8:00am– 4:30pm; Monday–Thursday, 7:00am– 5:00pm)

APPLICATION DEADLINE: Until sufficient applications have been submitted for consideration.

Please apply at the Ector County Annex Building located at 1010 E. Eighth Street, Human Resources Department, Room 126, Odessa, Texas. Ector County does not discriminate on the basis of race, color, national origin, sex, religion, age and disability in employment or the provision of services.

NOTICE: Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States. This employer will provide the Social Security Administration (SSA) and, if necessary, the Department of Homeland Security (DHS), with information from each new employee's Form I-9 to confirm work authorization. Passing a pre-employment urinalysis drug screen is required.