

# WELDER-FABRICATOR

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Position Code: 1803

WC: 8380

FLSA Status: Non-Exempt

Pay Grade: 348

Location: Public Services

Approval Date: 2018

## General Statement of Duties

Performs responsible skilled work in welding repairs and fabrication for Fleet Services. Assists other departments with various welding and fabrication request. Other duties include tire replacement and services as needed.

## Distinguishing Features of the Class

An employee in this class engages in a variety of work pertaining to welding and fabricating of metal components used on light and heavy duty equipment and vehicles. The employee is subject to working in inside and outside environments and exposures to various hazards including loud noises, vibrations, moving mechanical parts, exposure to chemicals, fumes, and odors. The employee must exercise judgment and initiative in carrying out assignments. Work is performed under regular supervision and is inspected for compliance and instructions, conformance to establish standards of quality and productivity, and adherence to schedules and priorities.

## Duties and Responsibilities

Connects cables from welding unit to obtain amperage, voltage, slope, and pulse as specified by Welding Engineer or Welding Technician.

Performs welding repairs by assessing and evaluating broken or damaged equipment to determine best method of repair, heating and straighten metal, measuring and cutting metal using welding equipment, smoothing rough edges, selecting appropriate welding rod to use, and logging assigned work order for each repair.

Welds in flat, horizontal, vertical, or overhead positions.

Maintains and makes minor repairs on welding equipment.

Services all heavy equipment and heavy trucks.

Replaces and mounts tires.

Performs NC Inspection.

Maintains a clean work area.

Adheres to all safety procedures and policies of the department.

Adheres to wearing and or using all proper PPE for welding and cutting of metals.

Performs other duties as requested.

## **Recruitment and Selection Guidelines**

### **Knowledge, Skills and Abilities**

Ability to efficiently operate service truck, crane, forklift, all fabrication equipment, Mig-Welder, Welder, Tig welder, Oxy-Acetylene Torch, bench grinder, plasma cutter, band saw, drill press.

Ability to cut and weld aluminum as well as steel

Knowledge of operation of shop equipment, hand tools, and machines for vehicle and equipment maintenance.

Ability to operate tire changing equipment.

Ability to perform North Carolina State Inspections.

Ability to understand and follow instructions.

Ability to communicate clearly and concisely orally.

Ability to maintain a clean and organized garage area.

Adhere to all safety procedures and policies of the department.

Ability to establish and maintain effective and cooperative working relationships with those contacted in the course of work.

Knowledge of Basic MS Windows Software

### **Physical Requirements**

Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, feeling, talking, hearing, and repetitive motions.

Must be able to perform very heavy work exerting up to 100 pounds of force occasionally; 50-100 pounds of force frequently; and 20-50 pounds constantly.

Must possess the visual acuity to operate automotive equipment in a safe manner, fit parts, read gauges and make written records.

### **Minimum Education and Experience**

High School diploma or GED and five to seven years of directly related experience; or an Associate's Degree from an accredited community college or technical school and three to four years of directly related experience, or an equivalent combination of education and experience.

### **Special Requirements**

Must be able to pass a welding test

Possession of a valid North Carolina Driver's License

Ability to obtain within a year and maintain thereafter:

- Class B-CDL License
- NC Safety & Emission Certification
- Town Forklift Certification
- Basic MS Windows Software