



## **WELDER JOB DESCRIPTION**

***WE ARE THE ONLY COMPANY IN FRANKLIN COUNTY WITH AN EFFICIENCY BONUS PROGRAM.***

### **JOB SUMMARY**

Lay out, fit, and weld metal components to assemble beds, frames, and small parts of work orders.

### **ESSENTIAL DUTIES & RESPONSIBILITIES**

- Actively observe and promote BWISE safety standards
- Analyze drawings and specifications to plan layout, assembly, and welding operation.
- Lay out, position, align, and secure parts and assemblies according to specifications, using a variety of measuring tools.
- Tack-weld or welds component and assemblies using welding equipment.
- Monitor welding processes to avoid overheating of parts or warping, shrinking, distortion, or expansion of material.
- Detect faulty operation of equipment or defective materials and notify supervisor.
- Evaluate weld quality and conformance to specifications.
- Inspect grooves, angles, or gap allowances using appropriate measuring instruments.
- Remove rough spots from work pieces, using portable grinder or hand file.
- Weld components in flat, vertical, or overhead positions.
- Ignite torch and adjust valves, amperage, or voltage to obtain desired flame or arc.
- Other duties, as assigned by Welding Supervisor.

### **WELDING JOB HAZARDS**

- Electric shock
- Bright light
- Ultraviolet radiation
- Toxic fumes and gases
- Heat, fire, and burns
- Ergonomic
- from hand use and positioning

### ***JOB MINIMUM QUALIFICATIONS***

- Ability to read and fully comprehend work instructions, prints, and work specifications.
- Ability of count, read, and write numbers and use common vocabulary; ability to read warning signs; ability to lift up to 50 lbs; ability to demonstrate full range of motion for reaching, bending, and stooping.
- Must have appropriate high school, vocational-technology school, or trade school training/certification in welding and/or demonstrated ability/expertise from on-the-job training from previous employment
- Understand fundamentals of metallurgy as they relate to welding