



*Board of Education of the City of St. Louis*  
**CAREER OPPORTUNITY**

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<b><i>Position Title:</i></b>	Iron Worker
<b><i>Payroll/Personnel Type:</i></b>	11 Month (Non-Exempt)
<b><i>Reports to:</i></b>	Executive Director Operations or Designee

**Position Summary:**

Perform the duties required to maintain efficient warehouse operation, which includes the requisition, receipt, check and storage of material and supervision of warehouse personnel; maintain inventory of raw material warehouse.

**Essential Functions:**

- Operate safety equipment and use safe work habits.
- Weld components in flat, vertical, or overhead positions.
- Ignite torches or start power supplies and strike arcs by touching electrodes to metals being welded, completing electrical circuits.
- Clamp, hold, tack-weld, heat-bend, grind or bolt component parts to obtain required configurations and positions for welding.
- Detect faulty operation of equipment or defective materials and notify supervisors.
- Operate manual or semi-automatic welding equipment to fuse metal segments, using processes such as gas tungsten arc, gas metal arc, flux-cored arc, plasma arc, shielded metal arc, resistance welding, and submerged arc welding.
- Monitor the fitting, burning, and welding processes to avoid overheating of parts or warping, shrinking, distortion, or expansion of material.
- Examine work pieces for defects and measure work pieces with straightedges or templates to ensure conformance with specifications.
- Recognize, set up, and operate hand and power tools common to the welding trade, such as shielded metal arc and gas metal arc welding equipment.
- Layout, position, align, and secure parts and assemblies prior to assembly, using straightedges, combination squares, calipers, and rulers.

**Experience:**

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**Knowledge, Skills, and Abilities:**

- Mechanical – knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- Design – Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.
- Active listening, mathematics, equipment selection, time management, critical thinking, reading comprehension, equipment maintenance, and speaking.
- Arm-hand steadiness, near vision, control precision, manual dexterity, finger dexterity, multilimb coordination, oral expression, problem sensitivity, oral comprehension, selective attention.



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**Physical Requirements:**

- Walking, sitting, climbing, reaching, talking
- Clarity of vision at 20 feet or more and 20 inches or less with the ability to judge distance and space relationships and see to the right or left when fixed on a point.

**Working Conditions and Environment:**

Somewhat undesirable working conditions. Exposed to odor, noise, dust, heat, cold, chemicals and/or other elements.

**Disclaimer:**

**The information contained in this job description is for compliance with the Americans with Disabilities Act (ADA) and is not an exhaustive list of the duties performed for this position. Additional duties are performed by the individuals currently holding this position and additional duties may be assigned.**

**Review/Approvals:**

Employee	Date	Immediate Supervisor	Date
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Human Resources	Date
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***In connection with hiring for this position the district shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, sexual orientation, age, disability, veteran status or national origin.***