

## Welder/Ironworker Job Description

**Welder/Iron Worker** to cut and join metals and other materials at our facilities or construction sites. Welders will operate appropriate equipment to put together mechanical structures or parts with a great deal of precision. The ideal candidate will also have a steady hand and great attention to detail. Knowledge of different kinds of metal and their properties is essential.

**Reports to:** Assigned Shift Lead/ Jr. Foreman/ Foreman/ Superintendent

### Responsibilities:

<ul style="list-style-type: none"> <li>Weld components in flat, vertical, or overhead positions.</li> </ul>	<ul style="list-style-type: none"> <li>Examine workpieces for defects and measure workpieces with straightedges or templates to ensure conformance with specifications.</li> </ul>
<ul style="list-style-type: none"> <li>Lay out, position, align, and secure parts and assemblies prior to assembly, using straightedges, combination squares, calipers, and rulers.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<ul style="list-style-type: none"> <li>Weld of carbon steel, girders, joists, beam ends and pipe pile.</li> </ul>	<ul style="list-style-type: none"> <li>Connect and turn regulator valves to activate and adjust gas flow and pressure so that desired flames are obtained.</li> </ul>
<ul style="list-style-type: none"> <li>Clamp, hold, tack-weld, heat-bend, grind or bolt component parts to obtain required configurations and positions for welding.</li> </ul>	<ul style="list-style-type: none"> <li>Hoist steel beams, girders, or columns into place, using cranes or signaling hoisting equipment operators to lift and position structural steel members.</li> </ul>
<ul style="list-style-type: none"> <li>Select and install torches, torch tips, filler rods, and flux, according to welding chart specifications or types and thicknesses of metals.</li> </ul>	<ul style="list-style-type: none"> <li>Load or unload materials used in construction or extraction.</li> </ul>

### Minimum Educational Qualifications:

- High School diploma/ GED

### Desired Educational Qualifications:

- Welding School Training** (e.g., Trade school, Voc-Tech School, Community College)

### Desired Previous Experience:

- 3-4 years construction experience

### NAICS CODES:

237310: Highway, Street and Bridge Construction  
238120: Structural Steel and Precast Concrete Contractors  
238990: All Other Specialty Trades Constructors

- 3-6 months welding experiences

**Minimum and/or Desired Additional Training/Certifications:**

- D1.1 Limited
- D1.1 Unlimited
- D1.5 SMAW/GMAW
- 6G

**Other Desired Skills:**

- Coordination
- Operation and Control
- Active Listening
- Critical Thinking
- Complex Problem Solving

**NAICS CODES:**

237310: Highway, Street and Bridge Construction  
238120: Structural Steel and Precast Concrete Contractors  
238990: All Other Specialty Trades Constructors