

# Welder

## Job Details

Job Location  
Manufacturing Facility - Dyersville, IA

## Description

### Summary

**Essential Duties and Responsibilities** include the following. Other duties may be assigned.

- Connects cables from welding unit to obtain amperage, voltage, slope, and pulse, as specified by Welding Engineer or Welding Technician.
- Starts power supply to produce electric current.
- Strikes (forms) arc which generates heat to melt and deposit metal from electrode to workpiece and join edges of workpiece.
- Manually guides electrode or gun along weld line, maintaining length of arc and speed of movement to form specified depth of fusion and bead, as judged from color of metal, sound of weld, and size of molten puddle.
- Welds in flat, horizontal or vertical positions.
- Examines weld for bead size and other specifications.
- Applies filler rod manually to supply weld metal.
- Cleans or degreases weld joint or workpiece.
- Repairs broken or cracked parts and fills holes.
- Prepares broken parts for welding by grooving or scarring surfaces.
- Chips off excess weld, slag, and splatter.
- Preheats workpiece with hand torch or heating furnace.
- Positions and clamps workpieces together or assembles them in jig or fixture.
- Tacks assemblies together.

### Supervisory Responsibilities

This job has no supervisory responsibilities.

## Qualifications

**Qualifications** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### Education and/or Experience

One to two years related experience and/or training; or equivalent combination of education and experience.

### Language Skills

Ability to read and comprehend simple instructions, short correspondence, and memos. Ability to write simple correspondence. Ability to effectively present information in one-on-one and small group situations to customers, clients, and other employees of the organization.

**Mathematical Skills**

Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.

**Reasoning Ability**

Ability to apply common sense understanding to carry out detailed but uninvolved written or oral instructions. Ability to deal with problems involving a few concrete variables in standardized situations.

**Physical Demands** The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is regularly required to stand; walk; use hands to finger, handle, or feel and reach with hands and arms. The employee is frequently required to talk or hear. The employee is occasionally required to climb or balance and stoop or kneel.. The employee must regularly lift and /or move up to 50 pounds. Specific vision abilities required by this job include peripheral vision, depth perception and ability to adjust focus.

**Work Environment** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee maybe exposed to wet and/or humid conditions and moving mechanical parts. The employee is occasionally exposed to fumes or airborne particles. The noise level in the work environment is usually loud.