

Welder Helper Job Description

Duties and Responsibilities:

- Assist lead welders in performing welding, brazing, thermal, and arc cutting operations
- Use hoists, wrenches, and hammers to lift, move, and clamp work materials into position or onto tables
- Oversee the scheduled maintenance of welding and fitting equipment to ensure they are operational
- Transport workpieces to construction sites by manual means or using hand truck
- Place metal components in a furnace to preheat for a period of time
- Use grinders and scrapers to remove rough spots and marks from work pieces to ensure smooth surface
- Prepare objects for crane movement by attaching grappling equipment such as cables and pulleys
- Clean workpieces using chemical solutions to remove impurities such as slag, rust, and grease
- Connect hand torches to fuel gas cylinders or electric power source
- Activate electric generators for welding by starting gasoline engine
- Maintain a clean and hazard free work environment for efficient work operations
- Wear appropriate protective clothing in compliance with safety protocols
- Perform preventative maintenance of welding equipment by lubricating and fixing worn parts
- Maintain good knowledge of welding techniques and processes
- Read and interpret blueprints for a welding project.

Welder Helper Requirements – Skills, Knowledge, and Abilities

- Education and Training: The welder helper job position does not necessarily require formal education; you can study welding literature and volunteer to work with welders at manufacturing or construction

sites. To advance to higher positions, you will require a high school diploma to enroll for a welding apprenticeship or for an associate's degree in welding technology

- Physical Strength: Helpers assist welders in loading or moving fairly heavy workpieces during work operations
- Communication Skill: They are able to read and comprehend construction blueprint and welding codes
- Technical Skill: They are able to operate welding equipment as well as carry out preventative maintenance of work tools.