

WELDER TITLE DEFINITION

I. DEFINITION

WELDER

This is journey level construction welding work of a complex nature that is regulated by the Department of Commerce and those standards set forth by the American Society of Mechanical Engineers (ASME) and the American Welding Society (AWS). Positions in this classification must be assigned welding duties that are subject to the aforementioned authority; i.e. structural and critical members, boilers, pressure vessels, or high-pressure piping. Employees perform welding work at the journey level under general supervision, normally on a full time basis; however, other related duties may also be assigned as necessary, such as designing, constructing, and repairing ornamental iron work, iron gratings, railings, heavy door hinges, chisels, wrenches, miscellaneous iron parts and fittings, equipment frames and construction tools; keeping records and making reports. Positions in this title definition may also direct and instruct apprentices, helpers and other assistants.

Positions are responsible for performing any combination of the following duties:

- Perform oxyacetylen, electric or gas welding, cutting and brazing in the installation, repair and maintenance of high and low pressure steam lines, fixtures and boilers.
- Design, construct, and repair ornamental iron work, iron gratings, railings, heavy door hinges, fire escapes, chisels, wrenches, miscellaneous iron parts and fittings, equipment frames and construction tools.
- Utilize thorough knowledge of properties of ferrous and nonferrous metals in relation to welding and brazing.
- Direct and instruct apprentices, helpers and other assistants in the trade.
- Keep records and make reports.

II. QUALIFICATIONS

No person may perform structural welding or welding of boilers, high-pressure piping or pressurized vessels without being registered with the Department of Commerce, upon satisfying the standards of the American Society of Mechanical Engineers (ASME) and the American Welding Society (AWS).