

**MAJOR FUNCTION**

This is skilled welding work at the journeyman level. Welding methods and procedures are usually determined by the employee and any work is subject to inspection while in process and upon completion.

**ESSENTIAL AND OTHER IMPORTANT JOB DUTIES****Essential Duties**

Welds a wide variety of metals with oxy-acetylene or electric arc. Cuts, fabricates and welds a variety of metal parts and pieces of equipment. Welds high pressure steam, sewer or natural gas lines. Assists in making mechanical repairs to steam boilers, pumps, turbines, other steam or wastewater treatment plant equipment, and other pieces of equipment as dictated by the area to which the position is assigned. Repairs and maintains welding tools and equipment. Installs and threads pipe. Procures materials and supplies needed for welding projects. Performs related work as required.

**Other Important Duties**

Keeps abreast of new developments and techniques related to area of responsibility. Performs related work as required.

**DESIRABLE QUALIFICATIONS****Knowledge, Abilities and Skills**

Thorough knowledge of tools, materials, methods and standard practices of the welding trade. Knowledge of the properties of the various types of metals. Considerable ability to work from plans, blueprints, sketches and oral and written instructions. Thorough knowledge in the use and care of tools and equipment used in welding trades. Must have general knowledge of structural steel layout.

**Minimum Training and Experience**

Possession of a high school diploma or an equivalent recognized certificate and three years of experience in structural welding. Completion of an approved welding program at a vocational or technical school may be substituted for one year of the required experience. Directly related work experience may be substituted on a year-for-year basis for the required education.

At the department director's discretion, previously mentioned training and experience requirements may be waived if applicant possesses certification as is described below in Necessary Special Requirements.

**Necessary Special Requirements**

Must be certified by a recognized certified testing laboratory at time of appointment.

For designated positions in this class, employees must possess the appropriate State Commercial Driver License (CDL) and endorsement(s) at the time of appointment, or must have passed the appropriate written CDL test/endorsement(s) and obtained a CDL permit at the time of appointment and obtain the appropriate CDL licensure within 60 calendar days from date of employment, as a condition for continued employment.

Note: Gas Utility may give preference to applicants with pipeline welding experience.

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