

MECHANIC

NATURE OF WORK

This is a responsible level of skilled work in the performance of mechanical repairs and related maintenance assignments.

Work involves the performance of skilled mechanic work related to the repair and maintenance of mechanical and pumping equipment, compressors, motors, the repair and modification of structural building components, and the installation of new mechanical equipment. Work requires the application of varied trade, mechanical, and welding skills. Work is performed under general supervision; new assignments are received with detailed or general instructions and are reviewed upon completion for adherence to instructions and maintenance standards, and for the achievement of desired results. **Note: this position at the Lake Bloomington facility will be supervised by the Mechanic Crewleader.**

ILLUSTRATIVE EXAMPLES OF WORK (Any position may not include all of the specific duties listed, nor do the examples cover all of the duties which may be performed.)

Repairs and maintains chemical mixing and feeding equipment; assists in or replaces bearing, belts, and pump diaphragms; cleans feeder ejectors and lines; welds; grinds surfaces; paints equipment.

Checks and lubricates switching gears and motors; installs motor brushes; replaces motor bearings and packings; changes engine and motor oils.

Cleans and adjusts mechanic shop equipment; performs arc and acetylene welding; operates a small metal lathe to trim down limited repair parts.

Installs doors, water lines, repairs windows, and performs building painting; performs general maintenance of water filters and valves; installs packing; cleans water valves.

Operates light automotive equipment on incidental assignment related to mechanical work; installs new mechanical equipment.

Assists in the maintenance of sewer lift stations.

Operates loader and backhoe as assigned or required.

Assists City Electrician as assigned.

Performs related work as required.

REQUIREMENTS OF WORK

Graduation from standard high school or vocational/technical school supplemented by an apprenticeship or training in the mechanical trades; some experience in mechanical trades work; or any equivalent combination of training and experience that provides the following knowledges, abilities, and skills:

Extensive knowledge of the practices, methods, tools, and equipment used in the mechanic trade.

Extensive knowledge of the occupational hazards involved and the safety precautions necessary in mechanical work including welding safety requirements.

Considerable knowledge of welding including arc, acetylene, torch, and brazing work.

Ability to perform work independently under limited supervision.

Ability to supervise other employees in the absence of or at the instruction of the Mechanic Crewleader.

Ability to understand and follow oral and written instruction.

Ability to work from basic diagrams and blueprints.

Skill in the use and care of mechanic and standard manual and power maintenance tools and equipment, and welding apparatus.

SPECIAL REQUIREMENT

Achievement of the Illinois Class C Operators License is desirable, but not required.

SPECIFIC LIMITATIONS

The Mechanic at Lake Bloomington shall not be required to perform duties at in-town water installations; the in-town Mechanic shall not be required to perform duties at the Lake Bloomington facilities.