



Mechanic

GENERAL OVERVIEW OF POSITION:

This is a diversified wage and hour position in the Power Plant and involves duties related to the maintenance and repair of Power Plant and Water Utility machinery and equipment along with general system wide maintenance activities. The employee is responsible for the performance of a wide variety of repair and maintenance tasks in improving and maintaining the efficient operation of the Utilities. Work assignments will be made by the Power Plant Supervisors, Power Production Manager or designates. This position is non-exempt and is supervised by the Mechanical Maintenance Supervisor.

The employee in this class will be responsible for performing a variety of tasks in constructing and maintaining mechanical equipment and systems directly pertaining to and associated with the power plant, maintaining the water treatment plant and related facilities, as well as any other mechanical equipment associated with the operation of the Manitowoc Public utilities. Due to the diverse nature of this position, the employee shall develop and acquire the necessary construction, maintenance, and equipment operating skills to enable the work to be performed in a consistent, safe and efficient manner. Work assignments will arise as a result of breakdowns, inspections, operating conditions, new construction and planned maintenance activities.

The person in this position will, at times, direct the work of others. He will be responsible for overall job quality and schedules at all times with work inspection to be completed by the Power Plant Supervisors. He may be required to direct major projects or outages with minimal direct supervision and is responsible for the safe and timely completion of these projects.

EXAMPLES OF DUTIES AND RESPONSIBILITIES (Illustrative only):

- Repairs steam boilers, turbines, generators, pumps, compressors, and other utility plant equipment;
- Fabricates equipment and devices as required to repair or renovate plant equipment;
- Knowledge of materials and their proper application is required;
- Provides repair welding as needed to support daily operation of the power plant;
- Refits bearings, pack glands, and assist in the overhaul of turbines;
- Removes and repairs soot blowers;
- Repairs water walls, economizers, super heaters, air pre-heater and baffles;
- Enters steam drums and make repairs and inspections as required;
- Repairs and maintains coal unloading and handling equipment;
- Repairs and maintains ash unloading equipment;
- Performs welds on pipe lines, weld hangers and brackets;
- Assists in and perform duties related to the repair and overhaul of general

Manitowoc Public utilities plant equipment;

- Repairs vehicles, tow motors, and other mechanical equipment of this type;
- Rebuilds, repairs, overhauls, and maintains the diesel engine driven generators and peripheral equipment;
- Requisition spare parts and maintains a parts inventory per supervisor approval; this may require direct interface with vendors and suppliers;
- Follow-up with vendors and suppliers for warranty and performance issues;
- Operates vibration monitoring equipment and the associated logging system;
- Consults with operations staff on various problems and work toward logical solutions;
- Maintains daily, weekly, and monthly records as required and generate maintenance and other miscellaneous reports if required;
- Performs new construction activities as required and works effectively with outside contractors;
- Able to provide creative solutions to problems using sound mechanical judgment;
- Must understand Power Plant and Water Department operations to allow for safe isolation of equipment to allow for maintenance and other reasons;
- Receives emergency calls and takes appropriate action;
- Attends various training seminars, classes, etc. as required;
- Does other related work and tasks as assigned.

(Note: The duties listed above are intended as illustrations of the various types of work performed by persons in positions covered by this classification specification. This list is not all inclusive. The omission of a particular job duty does not mean that the duty is not one of the essential functions of the position. Management reserves the right to assign employees in this classification to duties not listed above, if the duties are fairly within the scope of responsibilities applicable to the level of work performed by employees in positions covered by this classification specification.)

REQUIRED EDUCATION, TRAINING AND EXPERIENCE:

- Two-year college degree required in general mechanics or maintenance, automotive or engine repair, power or power plant operations or related fields. Any equivalent combination of experience and training which provides the required skills and abilities is preferred;
- Welder certification preferred;

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES:

- Mechanical aptitude along with a thorough knowledge of the mechanical maintenance, installation, operation, and repair procedures of equipment used in the electric generating plant and related facilities, water distribution plant and related facilities and other company related facilities
- Must be a self-starter and well disciplined, be able to use standard and diverse tools and equipment;

- Must have the ability to administer sound judgment, work in an effective and safe manner, direct the work of others, follow written and oral instructions and remain calm in emergency situations.

PHYSICAL REQUIREMENTS:

- Ability to perform demanding physical tasks at times such as walking over rough or uneven surfaces, bending, stooping, working in confined spaces and lifting or carrying moderately heavy (up to 75 lb.) items;
- Able to work under adverse conditions in hot, confined, dirty, elevated areas;
- Ability to operate complex gasoline, electric or diesel-powered machinery or shop equipment requiring manipulation of multiple controls, fine adjustments or both.

ENVIRONMENTAL REQUIREMENTS:

- Exposure to adverse environmental conditions.

SENSORY REQUIREMENTS:

- Color, sound, odor, depth, hearing and visual perception and discrimination;
- Good oral communication ability.

OTHER REQUIREMENTS:

- Possession of a valid driver's license and a good driving record;
- Residency requirement;
- May be required to use personal vehicle for use on the job.

Revised and accepted on: September 6, 2016