



POWER PLANT TECHNICIAN III

This job description is intended to present a descriptive list of the range of duties performed by employee(s) in this municipality and is not intended to reflect all duties performed within the job.

SUPERVISOR: Power Plant Manager and/or Power Plant Foreman

SUPERVISE: None

SUMMARY DESCRIPTION

This is the entry-level position assists in routine and basic maintenance tasks and assists higher-level technicians in the operation of power generation equipment. Work is closely supervised and focuses on learning plant operations, safety procedures, and fundamental mechanical/electrical systems.

EXAMPLES OF WORK PERFORMED

ESSENTIAL FUNCTIONS: *The following examples of work are illustrative only and are not intended to be all inclusive.*

Assist with inspection, maintenance, and cleaning of engines, generators, pumps, and valves.

Learn to operate and monitor power plant systems under close supervision.

Perform basic mechanical tasks such as oil changes, filter replacements, and lubrication.

Read gauges and record readings on log sheets.

Perform housekeeping tasks to maintain a clean and safe work environment.

Follow all safety procedures and use appropriate PPE.

Assist during plant start-up and shutdown procedures.

Participate in required training sessions and work toward power plant operator's certification.

Perform other duties as assigned.

QUALIFICATIONS

The following generally describes the knowledge and ability required to enter the job and/or be learned within a short period of time in order to successfully perform the assigned duties.

Knowledge of and Ability to:

- Basic mechanical and electrical principles.
- Safe operation of hand and power tools.
- Understand written and verbal instructions.
- Work safely in a hazardous environment.
- Communicate clearly and effectively.

- Develop skills through on-the-job training and coursework.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

Environment: Work is generally performed indoors and requires a considerable amount of physical activity including walking, standing, kneeling, bending, crouching, reaching, stooping and climbing. The incumbent must have the ability to transport themselves to and from various locations throughout the power district. Duties require the ability to tolerate an indoor and work environment which includes contact with dirt, dust, chemicals, cleaning solvents, bacteria, noise and inclement weather conditions. The danger of explosion is present when working with power utilities.

Physical: An incumbent must have the ability to lift up to 50 lbs. on a regular basis and must possess the coordination and manual dexterity necessary to operate hand and power tools and equipment utilized in the upkeep, repair and maintenance tasks. Must also possess the ability to lift, carry, push and pull heavy equipment and tools. Work hours may occasionally be required in times of darkness. Vision abilities required include close vision, distance vision, color vision, depth perception, and the ability to adjust focus. The employee occasionally works near moving mechanical parts, in precarious places and is occasionally exposed to fumes or airborne particles, toxic chemicals, risk of electrical shock, and vibration. The noise level may be moderate to intense depending on activity performed.

EDUCATION AND EXPERIENCE

Any combination of education and experience that would likely provide the required knowledge and ability is qualifying. A typical way to obtain the knowledge and abilities would be:

Education/Training

Graduation from high school or GED equivalent. Completion of Quarter 2 of the PPT Certificate Program or equivalent. Minimum of two (2) years of experience in power plant operations, mechanical maintenance, or related field. Associate degree in Diesel Technology, Power Plant Technology, or a related field is highly desirable and may be substitute for required experience on a year-for-year basis. An equivalent combination of education, training, and experience that provides the required knowledge, skills, and abilities may be considered.

Additional Requirements:

Must possess a valid driver's license and may require a CDL.
OSHA 10 Certification