

# **Electric Generation—Maintenance Worker**

Under the supervision of the Chief Maintenance Worker maintains, operates, and repairs diesel engines, hydro electric turbines, generators, water well pumps, related switchgear and controls. Performs regular inspections of the power plant and electric substations.

# **Essential Functions**

Performs testing and inspection on diesel engines \* Troubleshoots and repairs generating equipment. \* Monitors municipal water supply. \* Performs detailed daily, monthly and annual inspections. \* Performs regular inspections of electric substations for maintenance & repair. \*Assists with substation switching procedure and lockout/tagout. \* Maintains building and grounds at diesel plant, hydro plant, and substations. \* Troubleshoots and repairs electrical controls. \* Operates, starts and stops generating equipment as necessitated by changing conditions and the demand for electricity. \* May act as crew leader on jobs as required. \* Acts for the Chief Maintenance Worker in the absence as assigned. \* Required to be on standby and work overtime as required.

This list may not be inclusive of the total scope of job functions to be performed. Duties and responsibilities may be added, deleted or modified at any time.

## **Employment Qualifications**

Education: High school graduation with some advanced coursework in the principles of electricity and electrical and mechanical equipment.

Experience: Experience equivalent to that of a Mechanic in the generation department.

Other Requirements: Valid Driver's license

#### FLSA Status: Non-exempt

The qualifications listed above are intended to represent the minimum skills and experience levels associated with performing the duties and responsibilities contained in this job description. The qualifications should not be viewed as expressing absolute employment or promotional standards, but as general guidelines that should be considered along with other job-related selection or promotional criteria.

#### **Physical Requirements**

This job requires the ability to perform the essential functions contained in this description. These include, but are not limited to, the following requirements. Reasonable accommodations will be made for otherwise qualified applicants unable to fulfill one or more of these requirements.

Ability to climb ladders and stairs. \* Extensive walking over sometime uneven, slippery surfaces around plants, substations, and other locations to conduct inspections and or repairs. \* Ability to lift and carry parts and tools weighing up to 90 lbs. or more. \* Ability to lift, carry and pour bags of chemicals weighing up to 50 lbs. \* Ability to stoop, kneel, crouch, push, pull and reach to take readings and perform maintenance repair tasks.

## **Working Conditions**

Works in a plant or outside with sometimes extreme warm and extreme cold in all weather conditions and seasons. \* Works in a plant with loud noise requiring the use of ear protection. \* Exposure to heavy equipment used in the generation of electricity, fuel oil fumes, various chemicals and acids. \*Walks over sometimes uneven or potentially slippery surfaces in the plants, substations, and other locations.

Submit Application, Resume, and Cover Letter to: Sturgis City Hall, 130 N. Nottawa St. or via email to: dnorthrup@sturgismi.gov Applications are available at City Hall or on our website at sturgismi.gov/HR

The City of Sturgis is an Equal Opportunity Employer.