

## Electric System Technician

### City of Stoughton Position Description

**Name:** \_\_\_\_\_ **Department:** Municipal Utilities-Electric System Division

**Position Title:** Journeyman Lineman **Pay Grade:** \_\_\_\_\_ **FLSA:** \_\_\_\_\_

**Date:** February, 2004 **Reports To:** Utilities Operations Superintendent

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#### Purpose of Position

The purpose of positions in this classification is to perform electrical distribution line construction, maintenance and repair tasks for the City of Stoughton.

#### Essential Duties and Responsibilities

**The following duties are normal for this position. These are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.**

- Operates diggers, bucket trucks, hand tools near and around electrical distribution lines. Operates live-line tools to connect and disconnect distribution lines and components.
- Operates and maintains the electric SCADA system.
- Prepares work sites. Erects warning signs and secures areas. Maintains knowledge of and implements safety procedures.
- Locates underground electric cable faults for repair.
- Installs primary and secondary overhead and underground electrical systems.
- Participates in on-call status for emergencies.
- Plans and directs on-site maintenance/repair tasks. Recommends on-site operational changes.
- Contacts customers regarding temporary power outages and tree trimming operations and possible damage.
- Assists with public education and performs Wires and Fires demonstrations.
- Repairs and maintains street lights.
- Performs routine vehicle maintenance.
- Trims trees and removes and chips brush.
- Operates loaders, backhoes, dump trucks, jack hammers, wood chippers, chain saws, cutting torch and welders.

## Electric System Technician

- Reconnects meters and transfers meters.
- Receives and responds to customer inquiries and complaints and performs corrective action in response to customer inquiries and complaints.
- Completes and maintains work orders, staking sheets, outage reports, time sheets, etc.
- Maintains records and prepares reports as required.
- Completes weekly/monthly substation readings and inspection reports.
- Recommends material purchases.
- Maintains material inventories.
- Provide leadership/training to the Apprentice Lineman.
- Complies with all Stoughton Municipal Utilities Safety programs.

### **Additional Tasks and Responsibilities**

**While the following tasks are necessary for the work of the unit, they are not an essential part of the purpose of this position and may also be performed by other unit members.**

- Maintains Stoughton Municipal Utilities Facilities.
- Assists electric, wastewater and water Divisions as required.
- Paints surfaces.
- Removes ice and snow from walkways and drives.

### **Minimum Training and Experience Required to Perform Essential Job Functions**

High School diploma or equivalent, and completion of a four-year electrical lineman apprenticeship, or any combination of education and experience that provides equivalent knowledge, skills, and abilities. Certification in CPR, first aid, Hilti gun, and forklift certification required. Commercial driver's license with tanker and airbrake certification required.

## Electric System Technician

### Physical and Mental Abilities Required to Perform Essential Job Functions

#### Language Ability and Interpersonal Communication

- Ability to analyze and categorize data and information in order to determine the relationship of the data with reference to established criteria/standards. Ability to compare, count, differentiate, measure and/or sort data; assemble, copy and record and transcribe data and information. Ability to classify, compute and tabulate data.
- Ability to explain, demonstrate and clarify to others within well established policies, procedures and standards, as well as the ability to follow specific instructions and respond to simple requests from others.
- Ability to utilize a variety of advisory data and information such as work orders, staking sheets, maps, outage reports, hazardous materials lists, safety manuals and procedures, construction specifications, transformer manuals, PCB manual, time sheets, vehicle logs, accident reports, technical operating manuals, procedures and guidelines.
- Ability to communicate effectively with co-workers, customers, law enforcement personnel, electricians, contractors, tree trimmers and other city employees.

#### Mathematical Ability

- Ability to add, subtract, multiply, divide, calculate percentages, fractions and decimals.

#### Judgment and Situational Reasoning Ability

- Ability to use functional reasoning and apply rational judgement in performing diversified work activities.
- Ability to exercise the judgment, decisiveness and creativity required in situations involving the evaluation of information against sensory and/or judgmental criteria.

#### Physical Requirements

- Ability to operate equipment and machinery requiring monitoring multiple conditions and making multiple, complex and rapid adjustments, such as Hilti gun, Ampact tool, bucket truck, digger derrick, hooks and belts, air hammers, chain saw, dump truck, wood chipper, forklift, loaders, backhoes, cutting torch, welder, volt meter, hot sticks, extension sticks, hoists and blocks, phasing tool, cable locator, bolt cutters, winches, mechanic's hand tools, carpenter hand tools, slings, hand lines, impact tools, grinders, etc. Ability to repair complex equipment and machinery.
- Ability to coordinate eyes, hands, feet and limbs in performing skilled movements involved in repair.
- Ability to exert heavy physical effort in moderate to heavy work, typically involving some combination of climbing and balancing, stooping, kneeling, crouching, crawling, and lifting, carrying, pushing and pulling up to 100 pounds.
- Ability to recognize and identify harmonious or contrasting combinations, as well as recognize individual characteristics of colors, forms, sounds, odors and textures associated with job-related objects, materials and ingredients.

## Electric System Technician

### **Environmental Adaptability**

- Ability to work under mildly safe and uncomfortable conditions where exposure to environmental factors such as temperature variations, odors, toxic agents, noise, vibrations, wetness, machinery, disease, electrical currents, vehicular traffic and/or dust can cause discomfort and where there is risk of serious injury.

The City of Stoughton is an Equal Opportunity Employer. In compliance with the American with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

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Employee's Signature

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Supervisor's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

Council Approved 2-9-99, 4-13-04