



CITY OF DECATUR
invites applications for the position of:

City Electrician

SALARY: \$25.44 - \$31.59 Hourly

DEPARTMENT: Public Works - Union

DIVISION: Water Production - Union

OPENING DATE: 07/19/19

CLOSING DATE: 08/01/19 11:59 PM

JOB SUMMARY:

The Civil Service Commission of the City of Decatur will conduct an examination and establish an eligible register for the above classification. There is currently one position available in the Public Works Department, Water Production Division at the South Water Treatment Plant. Persons passing all phases of the selection process will be placed on a Civil Service eligible register which will be used for a period of two years or until exhausted. Selection of candidates will be made according to the Civil Service laws for cities, as modified by the City Code of the City of Decatur, Illinois.

NATURE OF WORK: This is skilled journeyman work in the installation, maintenance and repair of municipal electrical systems and equipment. Work involves skilled electrical trade tasks on electrical installations maintained by the City. Assignments include the electrical installation and maintenance of street lighting equipment, wiring and varied electrical and motorized operating units, municipal water systems equipment and related auxiliary units and traffic signals.

SUPERVISION RECEIVED: Work is performed independently and is reviewed by assigned supervisor through reports prepared and the observation of results obtained.

SUPERVISION EXERCISED: May act as lead person on maintenance tasks involving electrical work as assigned.

MAJOR DUTIES:

EXAMPLES OF WORK (typical work examples, but not limited to the following):

1. Maintains and repairs high voltage motors, generators and transformers; cleans, installs motor switching gears, circuit breakers and relays.
2. Installs ornamental light pole and underground wiring; relamps units; installs new lighting assemblies and wiring in municipal recreational areas; troubleshoots the street lighting system.
3. Installs and repairs transformers, amplifier rectifiers, resistors; repairs circuit breakers and replaces transformer oil.
4. Performs electrical work on high voltage diesel generators; cleans and replaces generator circuit breakers, controls and voltage regulators.
5. Maintains lighting and equipment in parking lots, garages, and municipal facilities.
6. Prepares reports on jobs performed; keeps limited installation records, orders and controls electrical

work equipment and repair parts.

7. Installs, maintains and repairs traffic signal and street light components.
8. Installs, repairs and sets electrical time switches; cleans and repairs traffic signal and street light controllers and related components.
9. Responds to emergency calls to trouble shoot and repair traffic signals.
10. Performs general electrical maintenance on street lighting system.
11. Cleans and repairs fan motors on heaters; cleans and maintains pump motors and electrical components of water treatment equipment.
12. Calibrates recording instruments; relamps and installs ballasts and starters and checks wires on plant florescent lighting.
13. Installs new lighting installation, boxes and receptacles.
14. Performs related work and other duties as assigned.

KNOWLEDGE & SKILLS:

REQUIRED KNOWLEDGE, ABILITIES AND SKILLS:

1. Thorough knowledge of the standard practices, materials, tools and equipment used in electrical trade and high voltage electrical work.
2. Thorough knowledge of the occupational hazards and safety precautions necessary in electrical work.
3. Considerable knowledge of the principles of electrical theory as applied to complex electrical circuits and wiring systems and the ability to apply knowledge to work problems.
4. Considerable knowledge of the municipal electrical code.
5. Ability to diagnose operating defects in complex electrical systems and components.
6. Ability to prepare standard work reports and to maintain limited parts inventory records.
7. Skill in the use and care of manual and electrical maintenance and testing tools and equipment.
8. Considerable knowledge of the operation of electrical testing devices and schematic reading.
9. Ability to work independently maintaining good rapport with the public in general and under difficult work situations.

EDUCATION AND EXPERIENCE:

Graduation from high school or vocational school, supplemented by an approved apprenticeship in electrical trades work; considerable experience in electrical maintenance and repair; or any equivalent combination of training and experience.

NECESSARY SPECIAL QUALIFICATIONS:

Possession of a valid driver's license as issued by the State of Illinois.

SUPPLEMENTAL INFORMATION:

EXAMINATION PROCESS

- 1) **Written Examination**. All applicants must take the written examination and score at least

70%.

- 2) **Oral Interview.** All applicants passing the written test must pass an oral interview. The passing criteria for the oral interview is 70%.
- 3) **Veteran Points.** Applicants who pass the written test and oral interview may be eligible to receive veteran preference points added to their final examination score.
- 4) **Physical Examination:** Applicants placed on the eligible register must pass a physical examination which includes a drug screen by a physician of the Commission's choice, immediately prior to appointment.

PROBATIONARY PERIOD

Persons appointed to the position of City Electrician will serve a probationary period of six months.

RESIDENCY

The City Electrician position is covered under the American Federation of State, County and Municipal Employees (AFSCME) collective bargaining agreement. AFSCME employees hired after June 5, 2017 shall be required to reside within the corporate limits of the City of Decatur for the first five (5) years of employment, and within the corporate limits of Macon County or within fifteen (15) miles of the corporate limits of the City of Decatur thereafter. Upon original appointment, an appointee may reside outside said limits but shall be required as a condition of continued employment to comply with said residency requirement no later than ninety (90) days after the completion of said appointee's 6-month probationary period

APPLICATIONS MAY BE FILED ONLINE AT:
<https://www.governmentjobs.com/careers/decaturil>

Position #18-00046
CITY ELECTRICIAN
PR

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Decatur, IL 62523
217-424-2805
