

Code: **5082**
Operation and Construction Service
Electrical and Mechanical Group
Electrical Construction and Maintenance Series

CLASS TITLE: **Lineman Helper**

CHARACTERISTICS OF THE CLASS: Under immediate supervision, the class assists Linemen with electrical construction, installation and repair work; and performs related duties as required.

ESSENTIAL DUTIES: Assists Linemen in installing, adjusting and repairing aerial and underground electrical wires and fixtures including light poles, traffic signal heads, lamps and surveillance cameras; assists Linemen in splicing and terminating communication cables; assists Linemen in locating and removing defective or worn traffic signals, lamps and communication cables and installing new equipment; digs and excavates holes and trenches for lamp posts, conduit lines and manholes; assists in pumping water and sludge from manholes and pulling underground cable; assists in cutting, bending and fitting conduit into trenches and installing new electrical wire; cleans and prepares tools, materials and work sites for Linemen.

RELATED DUTIES: Places traffic cones and barricades at work sites to ensure the safety; loads work supplies onto truck.

MINIMUM QUALIFICATIONS:

Training and Experience. Successful completion of a US Department of Labor registered lineman apprenticeship training program, or an equivalent combination of training and experience.

Knowledge, Abilities and Skill. Working knowledge of fundamental principles of electricity. Working knowledge of electrical installation and maintenance equipment, materials and tools. Some knowledge of the city's electrical code.

Ability to read and interpret blueprints and work orders. Ability to read calibrated equipment. Ability to use tools to repair street light poles, fire boxes and other electrical fixtures.

Skill in the application of the knowledge of electrical wiring. Working skill in operating and maintaining tools used to test and install electrical equipment and fixtures. Good oral communication skills.

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CLASS TITLE: Lineman Helper (Cont'd)

Physical Requirements. Ability to lift and carry lamps, signal heads and other electrical fixtures weighing 10-35 pounds frequently and 35-75 pounds occasionally. Ability to dig and excavate.

Working Conditions. Unavoidable exposure to inclement weather and extreme temperatures. Occasional exposure to oily, wet or cramped environments.

Equipment. Drills, saws, chipping gun, jackhammer rodder, power highway, fiber splicer, fault master, optical time domain reflectometer, break-down set, gas meters.

NOTE: While the list of essential duties is intended to be as inclusive as possible, there may be other duties which are essential to particular positions within the class.

January, 2004
City of Chicago
Department of Personnel

(Minimum Qualifications Revised October, 2007)