



POSITION VACANCY NOTICE

CITY OF KETCHIKAN

SPECIFICS

February 5, 2024

TITLE: JOURNEYMAN WIREMAN/ELECTRICIAN			
DEPARTMENT:	KPU	DIVISION:	Electric
STATUS:	Regular Full-Time	HOURS/DAYS:	Monday – Friday 8:00 am – 4:30 pm
GRADE / STEP:	N/A	DUTIES:	See attached job description
HOURLY:	\$53.79	UNION STATUS:	YES
SPECIAL REQUIREMENTS: Equivalent to the completion of the twelfth grade with two years of electrician training and successful completion of an indentured apprenticeship program. Three years of responsible electrician experience related to area of assignment.			

ADVERTISING REQUIREMENTS

POSITION IS: OPEN UNTIL FILLED
WHERE: Local Only <input type="checkbox"/> Statewide <input type="checkbox"/> Pacific NW <input type="checkbox"/> National <input type="checkbox"/>
PUBLICATIONS: Major sites or publications in specified areas: Ketchikan Daily News; Job Service; City Website

APPLICANT PROCESSING INSTRUCTIONS

FOR APPLICATION AND COMPLETE JOB DESCRIPTION CONTACT: (907) 228-5631 OR ON-LINE AT http://www.ktn-ak.us/jobs
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CITY OF KETCHIKAN IS AN EQUAL OPPORTUNITY EMPLOYER

JOURNEYMAN WIREMAN/ELECTRICIAN

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

SUMMARY DESCRIPTION

Under general supervision, installs, troubleshoots, repairs, and maintains electrical systems for generation plants, substations, maintenance facilities, and other facilities within the City and KPU for the Operations area of the Electric Division.

The Journeyman Wireman/Electrician must perform his/her duties in a manner that reflects positively on the City, the Utility, and the Division, and is responsible for maintaining a level of professional expertise and image that promotes efficient use of the resources available to the Division.

Positions within this classification may be assigned to work at the remote Swan Lake hydroelectric generating station.

REPRESENTATIVE DUTIES

The following duties are typical for this classification. Incumbents may not perform all of the listed duties and/or may be required to perform additional or different duties from those set forth below to address business needs and changing business practices.

1. Installs and maintains instrumentation in high voltage substations.
2. Installs and maintains generating plant and substation control wiring, including generator systems.
3. Programs and tests protective relays and meters.
4. Performs electric testing on generators, motors, and other electric components as required.
5. Installs and maintains wiring and devices in KPU and other City installations.
6. May create preliminary prints, conduct research, order parts, install, and test installation projects.
7. May assist another Journeyman.
8. Installs and maintains PLC systems.
9. Installs and maintains battery banks and chargers.
10. Performs related duties as required.

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:

- Methods, practices, equipment, and tools used in the installation, repair, and maintenance of electrical systems, including electrical generators and substations.
- Operational characteristics of a variety of electrical systems.
- Technical aspects of the electrical field of specialty.
- Basic electrical theory and calculation of formulas.

Electrical codes and their proper implementation.
Occupational hazards and standard safety practices.
Motor controllers, static exciters and VFD's.
Electrical metering, including the selection and installation of current transformers, potential transformers, and watt-hour meters.
Maintenance and installation of generation, distribution, and transmission protective relaying.
Computer controlled test equipment and programmable equipment.
LOTO procedures and practices.

Ability to:

Perform installation, repair, and maintenance of electrical systems, including electrical generators and substations.
Make arithmetic calculations quickly and accurately.
Work from blueprints, shop drawings, and sketches.
Use a variety of tools and machines utilized in the electrician trade.
Understand and give oral and written directions.
Work independently with little direction.
Analyze situations accurately and adopt an effective course of action.
Maintain records and prepare reports.
Read, interpret and follow rules, regulations, policies and procedures.
Perform other skilled maintenance work as assigned.
Assist another Journeyman.
Operate small watercraft.
Prioritize and schedule work.
Communicate clearly and concisely, both orally and in writing.
Establish and maintain effective working relationships with those contacted in the course of work.
Understand d.c. electrical systems, instrumentation – flow, level, pressure and process control.

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

Education/Training:

Equivalent to the completion of the twelfth grade with two years of electrician training and successful completion of an indentured apprenticeship program.

Experience:

Three years of responsible electrician experience related to area of assignment.

License or Certificate:

Possession of, or ability to obtain, an appropriate, valid driver's license.

Possession of a State of Alaska Journeyman Electrician Certificate of Fitness.

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 performed in an indoor and outdoor setting, with occasional public contact and travel from site to site; work and/or walk on various types of surfaces including slippery or uneven surfaces and rough terrain; exposure to all types of weather and temperature conditions, electrical energy, and high voltage; occasionally works in remote settings; subject to callout at irregular hours.

In addition to the above, positions assigned to the Swan Lake hydroelectric generating station live and work in a remote setting with little to no public contact. Some positions may be assigned to Swan Lake on a temporary basis for special projects.

Physical: Incumbents require sufficient mobility to perform heavy, moderate, or light lifting; walk, stand, or sit for prolonged periods of time; bend, stoop, kneel and crawl; and operate motorized equipment and vehicles, including small boats; verbally communicate to exchange information.

Vision: See in the normal visual range with or without correction and distinguish colors.

Hearing: Hear in the normal audio range with or without correction.

Grade: 100%

Union: Yes/KPU

FLSA: Non-Exempt

Date Approved:

Date Amended: 02/28/07

Date Amended: June, 2007 (*Johnson & Associates*)

Date Amended: August 2019

Human Resources Manager Approval

City Manager Approval