



COMMUNICATIONS EQUIPMENT INSTALLER

Department: Emergency Management
Job Class #: 441900
Pay Range: General 45

FLSA: Non-Exempt
Represented: Yes

Classification descriptions are intended to present a descriptive list of the range of duties performed by employees in this class and are not intended to reflect all duties performed within the job.

GENERAL FUNCTION: This is equipment installation and maintenance work for a wide variety of public safety equipment for Pierce County Emergency Management.

ESSENTIAL FUNCTIONS:

- Install, maintain, and repair emergency lighting equipment, mobile antenna systems, siren amplifier systems, radio control heads, map lights, strobe lighting equipment, radio consoles, trunk mount transceivers, undercover lighting equipment, CB radios, scanners, flashing devices and other specialized equipment.
- Perform preventive maintenance on safety equipment, two-way radios and antenna systems.
- Operate testing and measuring equipment including voltmeters, ohmmeters, wattmeters, current meters, and other light control systems.
- Assist with laying out and building various projects designed by a technical supervisor including cable harness and warning light control systems.
- Modify components and units to increase operating efficiency of the system.
- Maintain computerized and manual service records, logbooks and inventory records.
- Operate a variety of vehicles, as required.
- Safely operate a variety of electronic and power equipment.
- Communicate with other employees and vendors for purposes of technical problem-resolution and meeting timelines.
- Maintain organized, clean and safe work area.
- Work a flexible schedule, which may include evenings, weekends, holidays and overtime.
- Maintain federal and state emergency responder certifications as required.
- Establish and maintain effective working relationships with County officials, employees and the general public.
- Meet travel requirements of the position.
- Perform the physical requirements of the position; work within the established working conditions of the position.
- Work a flexible schedule, which may include evenings, weekends, holidays and overtime.
- Maintain regular, predictable and punctual attendance during regularly scheduled work hours at assigned worksite.
- Respond to emergency situations and/or during the activation of the Emergency Operations Center, which may require attendance outside of normal working hours.
- Lift and carry up to 50 lbs.
- Perform the physical requirements of the position; work within the established working conditions of the position.

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OTHER JOB FUNCTIONS:

- May assist with various communications system maintenance functions in the field as required.
- Perform other functions as assigned.

SUPERVISION RECEIVED AND EXERCISED: Work is performed under general supervision with the employee expected to plan and complete work independently after objectives, priorities and deadlines have been defined. Work is reviewed in progress and upon completion by the supervisor for thoroughness, timeliness and compliance with regulations, policies and procedures. This position does not supervise but may provide training and guidance to new employees and temporary employees.

WORKING ENVIRONMENT: The work environment characteristics described herein are representative of those an employee encounters while performing the essential functions of the position. Work is normally performed in a facility such as a shop and outdoors in all types of environmental and physical conditions; work in inclement weather including snow and ice conditions, mountainous and remote work sites, is required. Travel by vehicle or on-foot is required over all types of terrain, including that which is uneven, steep, slippery, wet, snowy, icy, muddy, forested and underbrush. Incumbents are exposed to dangerous situations, hazardous materials and chemicals, high voltage equipment, power tools and equipment, loud noises, and operating equipment in adverse weather conditions.

PHYSICAL REQUIREMENTS: The physical demands described herein are representative of those that must be met by an employee to successfully perform the essential functions of the position. Required physical activities are twisting, balancing, climbing, crawling, kneeling, bending, stooping, crouching, reaching, lifting, carrying, dragging, throwing, pushing/pulling both objects and people, and adequate vision and manual dexterity to operate tools and install and/or repair electronic equipment. Incumbents are required to work within confined spaces and at heights. Driving of vehicles and operating a variety of large equipment, at times in dangerous weather and terrain conditions, is required.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of:

- Proper power line installation.
- Operational and technical capabilities of siren amplifiers and light bar controllers.
- Methods, materials, tools and equipment used in installation, maintenance and repair of public safety and communications equipment.
- Required federal and state regulations with respect to communications equipment and systems.
- Safety procedures and practices.

Skill in:

- The use and care of electronic test equipment, tools, and materials.

Ability to:

- Layout and install communication and public safety equipment.
- Provide assistance in electrical wiring on specialized installations.
- Express ideas effectively both orally and in writing.
- Accurately read, interpret and apply technical manuals.
- Understand and follow written and verbal instructions.
- Work effectively and productively with other employees and vendors.
- Communicate effectively verbally and in writing to audiences of various social, cultural, ethnic,

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educational and economic backgrounds.

KNOWLEDGE, SKILLS AND ABILITIES: (continued)

Ability to: (continued)

- Effectively coordinate, perform and complete multiple duties and assignments concurrently and in a timely manner.
- Physically perform the essential job functions of the classification.
- Meet the travel requirements of the position.
- Lift and carry up to 50 lbs.
- Respond to emergency situations in a timely manner.

MINIMUM REQUIREMENTS TO APPLY: One year experience in installation, maintenance, and repair of public safety equipment; additional education or related experience may substitute for the recruiting requirements.

SPECIAL REQUIREMENTS: Ability to successfully complete Pierce County background investigation. Possession of a valid Washington State driver's license is required.