

UTAH COUNTY JOB DESCRIPTION

CLASS TITLE: ELECTRICIAN
CLASS CODE: 7000
EFFECTIVE DATE: 02/10/1998 (Revised 03/08/1995 version) **Amended 11/01/2005**
MARKET POINT: Based on applicable market study

DEPARTMENT: Public Works

JOB SUMMARY

Under general direction of the Maintenance Foreman, performs design, installation, and maintenance of electrical systems in County buildings and on County grounds.

CLASS CHARACTERISTICS

This is a journey classification level for skilled electrical systems design, installation, maintenance, and repair activities.

ESSENTIAL FUNCTIONS

Engineers, installs, maintains, remodels, and repairs emergency power systems, low voltage lighting systems, electrical panels, high and low pressure boilers, overhead and office lighting systems, UPS, and generator systems.

Installs, inspects, maintains, and repairs computerized fire alarm systems, close circuit televisions, security systems, elevator emergency systems, heating systems, and air conditioning systems. Performs inspection audits of these systems to isolate and mitigate potential threats to facility security and staff safety.

Installs, inspects, maintains, and repairs overhead hoists and welding equipment.

Engineers, installs, maintains, remodels, and repairs pavilion lighting systems, parking lot lighting systems, walkway lighting systems, and grounds lighting systems.

Performs minor repairs on electric hand tools and electrical convenience items.

Orders parts and supplies as needed.

Responds to emergency situations on an on-call basis as assigned.

Maintains records of blueprints, AS Built plans, and other drawings.

Assists maintenance personnel in plumbing, heating, cooling, mechanical, and carpentry work.

KNOWLEDGE, SKILLS, AND ABILITIES

Ability to maintain cooperative relationships with those contacted in the course of work activities; Skill in reading, writing, and basic math; Knowledge of electrical methods and procedures; Skill in the use of electrical tools; Ability to cost estimate time and materials for individual projects; Ability to interpret standard plans, blueprints, and circuitry layout; Knowledge of National Electrical Code Book guidelines; and Skill in word processing and basic computer programs.

PHYSICAL DEMANDS

Regularly walk, stand, or stoop; Frequently lift, carry, push, pull or otherwise move objects weighing up to 80 pounds; Ascend or descend ladders, scaffolding, ramps, poles, and the like; Use tools or equipment requiring a high degree of dexterity; Walk, stand, crouch, or run on narrow, slippery, or erratically moving surfaces; Regularly drives a motor vehicle; Work for sustained periods of time maintaining concentrated attention to detail; Need to distinguish between shades of color; and Communicate via radios.

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Accommodation may be made for some of these physical demands for otherwise qualified individuals who require and request such accommodation.

WORKING CONDITIONS

Work is performed in environmentally controlled rooms and in partially environmentally controlled rooms; Work is performed in a very noisy place; Work exposes incumbent to conditions such as fumes, noxious odors, dusts, mists, gases, and poor ventilation; Work exposes incumbent to possible bodily injury from moving mechanical parts of equipment, tools, or machinery; Work exposes incumbent to hazardous chemicals; Work is performed for sustained periods outdoors and occasionally in hot, cold, or inclement weather; Work requires use of protective devices such as masks, goggles, and gloves; and Work exposes incumbent to possible bodily injury from electrocution.

EDUCATION AND EXPERIENCE

Equivalent to an Associates Degree in an electrical field; and four (4) years journey-level work experience designing, installing, and maintaining electrical systems. Possession of a Journeyman Electrical License will be considered as four (4) years of the six (6) years combined education and experience requirements. Selected applicants may be subject to, and must pass, a full background check.

LICENSING

Incumbent must possess a valid State of Utah Drivers License; and some incumbents may be required to possess a State of Utah Commercial Drivers License (CDL).

This description lists the major duties and requirements of the job and is not all-inclusive. Incumbent(s) may be expected to perform job-related duties other than those contained in this document and may be required to have specific job-related knowledge and skills.