

KERN COMMUNITY COLLEGE DISTRICT

CLASS TITLE: FACILITIES ELECTRICIAN

BASIC FUNCTION:

Under the direction of an assigned supervisor, perform a variety of skilled journey level duties related to the installation, maintenance, replacement and repair of electrical systems and equipment at an assigned campus location; assist maintenance staff with HVAC repairs.

REPRESENTATIVE DUTIES:

Perform skilled electrical maintenance and repair work involving utility systems, lighting systems and street, sidewalk and parking lot lights. *E*

Repair and replace defective or worn electrical parts I motors, generators, light fixtures, pumps, telemetry equipment, controllers, switches, plugs, lighting ballast, and related equipment. *E*

Inspect electrical equipment and lighting; test, locate and repair damaged electrical circuitry. *E*

Repair and install clock system; monitor campus electrical distribution centers. *E*

Maintain records of work performed, materials used, and associated costs. Make routine and emergency purchases as authorized and required; design and revise electrical systems. *E*

Assist in installing and repairing cathodic protection for underground pipes; repair and install underground electrical conduit systems.

Perform related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Methods, practices, equipment and tools used in the repair of electrical and mechanical devices.

Principles and practices of the repair of street lights.

Principles and procedures of record keeping.

Basic arithmetic.

Safe work practices.

ABILITY TO:

Repair and replace electrical systems and equipment.

Read and interpret blueprints, schematics, sketches and drawings.

Maintain work records.

Work independently in absence of supervision.

Understand and follow oral and written instructions.

Communicate clearly and concisely, both orally and in writing.

Establish and maintain cooperative working relationships with those contacted in the course of work.

EDUCATION AND EXPERIENCE:

Any combination equivalent to: graduation from high school supplemented by specialized training in electrical and/or electronic technology and four years of journey level experience in the installation, repair, replacement, and maintenance of electrical and electronic equipment, systems and components.

LICENSES AND OTHER REQUIREMENTS:

Possession of, or ability to obtain, a valid California driver's license.
Satisfactory completion of pre-employment physical assessment.
Satisfactory completion of pre-employment drug testing.

WORKING CONDITIONS:

ENVIRONMENT:

Indoor and outdoor environment.
Driving a vehicle to conduct work.

PHYSICAL DEMANDS:

Incorporated within one or more of the previously mentioned essential functions of this job description are essential physical requirements. The chart below indicates the percentage of time spent on each of the following essential physical requirements.

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| 1. | Seldom = Less than 25 percent | 3. | Often = 51-75 percent |
| 2. | Occasional = 25-50 percent | 4. | Very Frequent = 76 percent and above |

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| <u>3</u> | a. | Ability to stand for extended periods of time. |
| <u>4</u> | b. | Ability to see for purposes of reading printed matter. |
| <u>3</u> | c. | Ability to hear and understand speech at normal levels. |
| <u>3</u> | d. | Ability to communicate so others will be able to clearly understand a normal conversation. |
| <u>4</u> | e. | Ability to bend and twist, sit, stoop, kneel, push, pull and crawl. |
| <u>3</u> | f. | Ability to lift <u>75</u> lbs. |
| <u>1</u> | g. | Ability to carry <u>75</u> lbs. |
| <u>4</u> | h. | Ability to reach in all directions. |
| <u>2</u> | I. | Ability to work at heights. |
| <u>2</u> | j. | Ability to ascend and descend a ladder. |
| <u>3</u> | k. | Ability to work in the elements (extreme temperatures). |

This job description is intended to describe the general nature and level of work being performed. It is not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of individuals so classified.