

MIAMI-DADE COUNTY PUBLIC SCHOOLS

JOB DESCRIPTION

CLASS TITLE: Electrician II

JOB CODE: 6041

Temp: 6049

DEPARTMENT: Facilities Operations, Maintenance **SCHEDULE:** HO, H1 **DATE:** 10/16/06

BASIC OBJECTIVES

The Electrician II (Journey person) performs skilled work independently under the guidance of a Foreman or other supervisory personnel and in accordance with the standard practices of the electrical trade. Journey person level work includes, but is not limited to:

- installing, maintaining and repairing electrical systems and their related components;
- using knowledge and experience of the trade to determine a method or to devise a means to accomplish the assigned job; and
- interpreting technical data from sketches, blueprints, schematics and service manuals.

JOB TASKS/RESPONSIBILITIES

1. Performs tasks by using the standard tools, materials, codes, methods and safe practices of the electrical trade.
2. Oversees use of and operates power driven and manually operated equipment and tools.
3. Installs, maintains and repairs:
 - a. electrical distribution systems; e.g. transformers, panel boards, raceways and wiring devices;
 - b. power and lighting systems;
 - c. emergency systems such as fire alarms, power generators and security lighting;
 - d. control circuits and wiring supporting air conditioners, refrigerators and other devices operating on electricity;
4. Determines materials and equipment required and oversees their use, security and disposition.

5. Maintains records regarding materials, equipment and job assignments.
6. Directs work of assigned staff.
7. Ensures that assignments are completed in conformance with instructions and applicable codes in a timely and cost effective manner.
8. Stays current with codes and technological methods and advances of this trade.
9. May operate M-DCPS or personal vehicle for functions outlined in job description and to locations specified by work orders or as otherwise directed.
10. Performs other related tasks as instructed.

PHYSICAL REQUIREMENTS

This is heavy work which requires the following physical activities: climbing, balancing, bending, stooping, kneeling, crouching, crawling, twisting, reaching, standing, walking, pushing, pulling, lifting, finger dexterity, grasping, feeling, repetitive motions, talking, hearing and visual acuity. The worker is exposed to noise, hazards, oils and atmospheric conditions. The work is performed indoors and outdoors.

MINIMUM QUALIFICATION REQUIREMENTS

1. Written evidence of graduation from high school or equivalent.
2. Ability to read, write and understand oral and written instructions.
3. Acceptable written evidence of a minimum of four (4) years of diversified experience in the electrical trade, including either two (2) years experience as a licensed Journeyman or successful completion of an acceptable formal training program.
4. Possession of a valid Certificate of Competency as a Licensed Journeyman in this trade from Miami-Dade, Broward, Monroe, Collier or Palm Beach County.
5. Successful completion of the applicable trade M-DCPS skills test. (6041)
6. Possession of a valid Florida Class E driver's license.
7. Satisfactory completion of a physical examination prior to hire date.