

# MIAMI-DADE COUNTY PUBLIC SCHOOLS

## JOB DESCRIPTION

**CLASS TITLE** Welder II

**JOB CODE** 6440

**Temp:** 6061

**DEPARTMENT:** Facilities Operations, Maintenance

**SCHEDULE** HO, H1

**DATE** 10/16/06

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### BASIC OBJECTIVES

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

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

### JOB TASKS/RESPONSIBILITIES

1. Perform tasks by using the standard tools, materials, codes, methods, and safe practices of the welding trade.
2. Oversees use of and operates power-driven and manually operated equipment and tools.
3. Fabricates, installs, alters, repairs and maintains metal components using oxyacetylene, metal inert gas, tungsten inert gas and flux-coated electrodes welding processes. Tasks include cutting, fitting, burning, brazing, soldering, fusing, and hard-surfacing metals.
4. Determines process and procedures appropriate for materials and situations and layout work.
5. Maintains and makes minor repairs to welding equipment.
6. Determines materials and equipment required and oversees their use, security and disposition; maintains records.
7. Maintains records regarding materials, equipment and job assignments.
8. Directs work of assigned staff.

9. Ensures that assignments are completed in conformance with instructions and applicable codes in a timely and cost effective manner.
10. Stays current with codes and technological methods and advances of this trade.
11. May operate M-DCPS or personal vehicle for functions outlined in job description and to locations specified by work orders or as otherwise directed.
12. 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, sitting, standing, walking, pushing, pulling, lifting, finger dexterity, grasping, feeling, repetitive motions, talking, hearing and visual acuity. The worker is exposed to noise, hazards, atmospheric conditions, oils and is required to wear a respirator. 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 welding trade, including either two (2) years experience as a certified Journeyman welder or successful completion of an acceptable formal training program.
4. Possession of an acceptable Welding Certificate from a qualified testing source in accordance with the American Welding Society (AWS) standards for testing, in either position (a) 2G (horizontal) and 5G (vertical) or (b) 6G - inclined (45°).
5. Successful completion of the applicable trade M-DCPS skills test. (6440)
6. Possession of a valid Florida Class E driver's license.
7. Satisfactory completion a physical examination prior to hire date.