

Agenda Item IV

Classification Plan addition of Journey-Skilled Trade within Local 3085

CLASS PLAN

As the Apprenticeship program continues to progress, the classification of a new Journey-Skilled Trades has been created and added to the Classification Plan. Upon successful completion of the Apprenticeship program and obtaining a journey license, participants in the program will move non-competitively to the Journey-Skilled Trades classification.

JOURNEY-SKILLED TRADES

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GENERAL DEFINITION

This is skilled trade work at the Journey level. Works includes the installation, repair and maintenance of electrical, plumbing or HVAC-R systems under direction from a technical or administrative supervisor.

Assignments are stable in nature and are carried out in accordance with accepted trades standards and applicable regulations.

Contacts with others are on a routine basis, including contacts with various County personnel.

TYPICAL EXAMPLES OF WORK

Receives work orders for electrical, plumbing or HVAC-R; reads and interprets building plans, blueprints, wiring diagrams, sketches and schematic drawings to perform routine skilled trades work.

Uses a variety of manual and power tools to perform simple projects or assist on major projects to include installation, maintenance and repair.

Troubleshoots electrical circuits and equipment by using appropriate testing devices to locate malfunctions and make repair. Locates and marks buried electrical lines using various tracing devices.

Maintains plumbing systems including sewers, drains, vents, and fixtures in proper sanitary condition; maintains potable water supply systems and winterizes water systems to prevent freezing.

Troubleshoots HVAC-R systems by using appropriate testing devices to locate malfunctions and make repairs. Installs and modifies distribution systems such as sheet metal ducts and other types of conduits.

Prepares and maintains records of material used, work schedule and tasks completed on each project including hazmat refrigerant and other required paperwork.

May operate a bucket truck if required by assignment.

REQUIRED KNOWLEDGES, SKILLS AND ABILITIES

Knowledge of the theory and principles of electrical, plumbing or HVAC-R skilled trades at the journey level

Knowledge of occupational hazards associated with the trade and the safety precautions to be followed

Knowledge of testing equipment and methods

Knowledge of all phases of shop mathematics needed to perform skilled trade work

Skill in the use of power and hand tools of the specialized trade

Skill in operating maintenance and construction equipment

Ability to read blueprints, schematics, wiring diagrams and other specifications

Ability to trace, diagnose, repair and maintain systems

Ability to work from scaffolding and high structures

Ability to work in confined spaces

Ability to review the work of apprentices

Ability to lift 50 pounds

MINIMUM EDUCATION AND EXPERIENCE

Any combination of education and experience equivalent to completion of the 12th grade

Completion of an approved apprentice program

REQUIRED LICENSES, CERTIFICATES, AND/OR REGISTRATIONS

Class C Maryland driver's license or equivalent issued by state of residence

Possession of applicable journey license by the State of Maryland

WORKING CONDITIONS

May be exposed to hazardous conditions, extreme heat, fire fumes, asbestos, burns and oil and gas fumes

Exposure to plumbing odors, dirt and hazards of the trade

Exposure to electric shocks; works on power related problems in all types of weather