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Electrician 10

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NOTE: THE SENTENCE IN PART I DESCRIBING THE PURPOSE OF THE POSITION AND PARTS II AND III IN THEIR ENTIRETY ARE PERMANENT PARTS OF THE LIBRARY AND MAY NOT BE CHANGED OR EDITED IN ANY WAY.

I. INTRODUCTION

This position involves the installation, maintenance, troubleshooting, and repair of electrical wiring systems and associated fixtures, controls, and equipment in industrial, institutional, office and residential buildings.

II. MAJOR DUTIES AND RESPONSIBILITIES

Installs, modifies, repairs, maintains, troubleshoots, test and loads new and existing electrical lines, circuits, systems and associated fixtures, controls, and equipment involving electrical theory, instruments, equipment and technical practices, and ability to use electrical drawings, use and maintain electrical tools and troubleshoot. All work is done in full compliance with the National Electrical Code (NEC), local codes, building plans, etc.

III. FACTOR LEVELS

1. Skill and Knowledge - Knowledge and application of electrical principles, materials, and safety standards. Skill in the operation and installation of a variety of complete electrical systems and equipment. Ability to plan, layout, setup and complete work independently, utilizing the full range of standard equipment and tools. Ability to interpret and apply the NEC, blueprints, wiring diagrams, engineering sketches, oral instructions or other specifications and determine materials, procedures, tools and equipment to be used. Knowledge of technical practices and shop mathematics. Skill in troubleshooting electrical problems.
2. Responsibility - Receives general assignments, including sketches, blueprints and/or oral instructions. Responsible for independently determining materials, tools, equipment and procedures to be used, laying out work, setting up equipment in order to complete assignments efficiently with minimal supervision and for observing all on-the-job safety measures. Supervisory review of complex or unusual problems and of completed work for timeliness and for meeting accepted trade standards.
3. Physical Effort - The work requires heavy physical exertion such as frequent climbing of ladders or scaffolds, crouching or crawling in restricted areas, and lifting and carrying of heavy objects weighing up to 20 and occasionally weighing up to 40 pounds.
4. Working Conditions -The work environment involves moderate risks or discomforts which requires special safety precautions such as those required when working around moving parts or machinery, working in bad weather, possible exposure to injury from falling, electrical shock, and burns.

THIS POSITION IS EXEMPT FROM COVERAGE UNDER THE FLSA.

IV. UNIQUE POSITION REQUIREMENTS

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