

POWER DISTRIBUTION ELECTRICIAN II

DESCRIPTION OF WORK

Work in this class involves limited supervision in the construction, relocation, maintenance, and repair of primary and secondary underground electric distribution lines and systems. Employees serve as lead workers in the installation and maintenance of power lines, switch gear, transformers, sub-stations, and other components of an underground electrical distribution system and construct extension and/or replacement lines to the existing system. Work includes inspecting and making final hook-ups to installations completed by subordinate electricians and contract electrical companies to assure compliance to specifications, design and safety code requirements. Work is performed under the general supervision of a foreman and is reviewed through inspection of work in progress, conferences, analysis of maintenance reports, and satisfactory and continued operation of installations and repairs.

EXAMPLES OF DUTIES PERFORMED

Leads and participates in the construction, relocation, maintenance, and repair of primary and secondary underground distribution lines.
Supervises and participates in constructing secondary service lines to buildings.
Repairs electric distribution equipment and facilities during power failures; makes comprehensive and emergency repairs.
Performs electrical repair work that is beyond the capability of subordinate electricians such as installing, repairing, and maintaining transformers, banks, and overseeing the installation and repair of live primary lines.
Requisitions all materials, supplies, equipment, and tools required for completion of assigned tasks.
Performs related duties as required.

RECRUITMENT STANDARDS

Knowledges, Skills, and Abilities

Considerable knowledge of the standard practices, materials, techniques, and safety precautions involved in the construction of primary and secondary underground distribution facilities.
Considerable knowledge of the design, installation, and maintenance of primary underground electrical equipment, apparatus, and hardware.
Considerable knowledge of the application of safety methods used in the construction, maintenance, and repair of high voltage electric lines.
Considerable knowledge of equipment, supplies, materials and tools required to complete all phases of underground electric distribution system construction, maintenance, and repair.
Highly skilled in the use of tools and equipment used in underground line construction, maintenance, and repair.
Ability to plan, sketch, and lay out work from oral instructions.
Ability to supervise work of subordinate employees.
Ability to establish and maintain effective working relationships with subordinate and supervisory personnel.

Minimum Education and Experience

Completion of grammar school and four years of progressive experience in all phases of construction, maintenance, and repair of underground primary and secondary power distribution lines; or an equivalent combination of education and experience.