

## **ELECTRICAL INSPECTOR - 288**

### **DEFINITION OF WORK**

Under immediate supervision, performs difficult technical work in the enforcement of the North Carolina State Building Code, Volume IV (NFPA 70); does related work as required.

### **EXAMPLES OF WORK**

Makes inspections of electrical installations; receives complaints in regard to defective electrical work and personally disposes of difficult enforcement problems; investigates condition of electrical installations in buildings where fires have occurred and authorizes re-connection of service; instructs electricians as to the proper location of incoming services and wiring centers; prepares reports and maintains records of work performed; supervises the inspection of electrical installations during construction and the examination of completed installations for workmanship and use of proper materials; appears in court as a witness.

### **EMPLOYMENT STANDARDS**

Education and Experience: Any combination of education and experience equivalent to a diploma from high school and extensive experience in the installation, repair, maintenance and inspection of electrical systems.

Knowledge, Skills and Abilities: Thorough knowledge of the methods and practices involved in constructing, installing, maintaining and operating a variety of electrical installations, equipment and appliances; thorough knowledge of possible defects and faults in electrical wiring and appliances and of standard testing devices and effective corrective measures; thorough working knowledge relating to electrical appliances and installations and of national electrical code standards; ability to detect and locate defective electrical wiring and construction of installation; ability to understand and work from construction and wiring plans, blueprints, drawings and diagrams; ability to maintain cooperative relations with contractors, the general public and other officials.

### **SPECIAL REQUIREMENTS**

Possession of a valid North Carolina driver's license. Certification as a qualified electrical inspector by the State of North Carolina.