

TRAFFIC SIGNAL TECHNICIAN - 421

DEFINITION OF WORK

Under immediate supervision, performs skilled and technical work in the repair, maintenance and installation of traffic signals and related control devices; does related work as required.

EXAMPLES OF WORK

Assists in the installation, relocation and maintenance of traffic control devices including controllers, control boxes conduits, cable ducts and signal heads; assists in the installation of traffic lights and repairs damaged lights; wires new and old traffic lights; runs cable to controls and lights; assists in the installation of radar and sonic controls; sets and anchors poles; performs line work in the installation of signals and controls; splices cable; sets up, cleans, tests and assists in the repair and overhaul of controllers, coordinators, clocks, computers, detectors and other electrical and electronic control equipment in a shop, including solid state and electro-mechanical equipment, radar, sonic, magnetic loop and proximator amplifiers and fire preemptors; hooks up and checks out all new traffic control devices before placing them in operation; answers trouble calls for field repairs.

EMPLOYMENT STANDARDS

Education and Experience: Any combination of education and experience equivalent to a high school diploma supplemented by college level courses in electrical theory and electronics and some experience in the electrical trade or electronics field.

Knowledge, Skills and Abilities: General knowledge of the methods, materials and equipment used in the electrical trade and the repair and maintenance of electronic equipment; comprehensive knowledge of basic electrical theory and operation of electronic equipment; comprehensive knowledge of occupational hazards and necessary safety precautions related to the electrical trade; ability to follow oral and written instructions; ability to work outside under inclement weather conditions.

SPECIAL REQUIREMENT

Possession of a valid appropriate driver's license issued by the State of North Carolina.

