Telecommunications Electrician C
Longview, Texas

Description:
Adjusts, installs, tests and repairs several types of telecommunications equipment using various hand tools and testing instruments. Direct work operations for contractors and apprentices as they apply to basic cabling and equipment drawings. Repair common equipment problems in at least one of the following areas (General Telephony, PBX/KEY Systems, Fiber Optics, Digital Communications, Land Mobile Radio, Microwave). Diagnose common telecommunications problems such as: ground start trunks; loop start trunks; different trunk types (IMT, DID, FX, OPX); signaling associated with trunks; basic understanding of the philosophy of PBX software; prior experience programming any PBX/KEY system. Diagnose common fiber optics problems by the following: knowledge of basic fiber installation; know difference between loose tube and tight buffered; know the difference between multi-mode and single mode; have the knowledge of the types of splices (e.g., ST, D4); knowledge of different types of fiber test equipment (e.g. power meter, OTDR). Diagnose common DSO/DS3 problems by knowledge of the following: knowledge of basic T-1 installation; have knowledge of maintenance and testing of T-1 system; possess the ability to operate test equipment (TIMS, BERT). Diagnose common EGE EDACS land mobile radio problems by the following: basic working knowledge of land mobile radios; have the ability to operate radio test equipment (Service Monitor RF Watt Meter, RF Signal Generator/AC Voltmeter). Diagnose common microwave problems by the following: knowledge of basic microwave installation; knowledge of system (e.g. RF, Baseband) troubles; knowledge of channel troubles; knowledge of antenna associated with microwave system; basic knowledge of microwave system alarms.

Requirements:
Completion of System Electrician (Apprentice) training or equivalent experience. Understand basic electronics.

Successful completion of the Construction and Skilled Trades (CAST) selection test is required for this position. A review of Employment Testing Information, Test-Taking Tips, and the CAST Practice Test may be helpful. A link to these materials may be found at AEP.com Careers by selecting Employment testing. A physical abilities assessment is also required for this position.

Minimum Starting Salary is $73,299.20

To Apply:

We are accepting application through May 15, 2015. Please go to our web site at www.aep.com for this position, as this is the only way we will accept applications.