



VISIONARY SYSTEMS AV

IT Structured Cabling Technician Job Description

Job Responsibilities:

Pulling, termination, and testing of Cat 5e and Cat 6 cable

Build out MDF/IDFs

Installation of Wireless Access Points (WAPs)

Install J Hooks, D-rings, cable tray, and other supports

Run fiber optic cable

Read blueprints

Requirements:

Must have 4 years of experience in the installation of cabling associated with: Telecom Systems, TCP/IP Networks, CCTV Security, Access control & Wireless Solutions.

Ability to climb ladders and hang cable in awkward spaces.

Able to work from boom/scissor lifts.

Strong knowledge of industry standards (BICSI, NEC, TIA/EIA). Please list certifications if any.

Manufacture certifications or a good knowledge of industry products. List Certifications if any.

Responsibilities:

Maintain a clean, neat, professional appearance... Wearing the company uniform during all project related duties unless specifically directed otherwise by a superior.

Traveling to client sites to troubleshoot, diagnose and resolve Telecommunications and Data/IT equipment issues as well as equipment maintenance.

Ability to properly install both copper and fiber optic cable.

Ability to properly terminate copper cable (Cat5e, Cat6, etc.).

Ability to properly create and install labels.

Ability to perform all component and system testing.

Ability to complete the tasks assigned in a timely manner.

Ability to understand basic wiring diagrams and installation instructions. Ability to complete the tasks assigned in a timely manner.

Ability to perform as crew leader as assigned.

Ability to assure that all team members reporting to you complete their assigned tasks in a timely manner.

Ability to terminate common types of fiber optic fittings (SC, ST, LC) efficiently and to industry, manufacturer and AFL standards.

Ability to complete Telecommunication Room build-outs including rack construction, ladder rack installation, wire management and backboard construction.

Ability to articulate the differences and similarities in the testing requirements for the different categories of copper media (Category 5e, Category 6, etc.).

Ability to configure and set-up test equipment to perform all required tests on each category of copper media using a variety of manufacturer test equipment.

Ability to perform and document optical attenuation tests on single mode and multi-mode optical strands.

Ability to configure, operate and analyze test data from Optical Time Domain Reflectometers.

Must understand the National Electrical Code and Local Building Codes as they apply to low voltage to ensure that no violations are being performed on assigned projects.

Ability to ground and bond all applicable components according to Project Scope of Work, Local and National Codes and Industry Standards.

Technicians must possess the desire and ability to train other Technicians.

Ideal Candidates will have:

AV, IT & Physical Security technical knowledge a plus, including prior hands-on experience with installations, programming, and servicing of said systems.

Familiarity with electrical and networking infrastructure.

The ability to work independently, with little oversight

The candidate must complete all required training requirements for this position. This may include on-site familiarisation training with our install team. Be able to climb stairs and access construction projects where uneven and cluttered conditions may exist.

Physical Demands:

The physical demands of this position are those that are necessary to meet the responsibilities and essential functions of this position. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.

This job description in no way states or implies that these are the only duties to be performed by this employee. He or she will be required to follow any other instructions and to perform any other duties requested by his or her supervisor. We are a growing company, and it is expected the successful candidate will be able and willing to shift gears with us and pitch in where required.

Finger & wrist dexterity & hand/eye coordination.

Ability to work from heights such as man lifts, scissor lifts & rooftops utilizing proper fall protection. Ability to use small hand tools.

Ability to use power tools.

Climbing of stairs, ladders, and/or scaffolds.

Ability to walk, stand, bend, lift up to 50 lbs., and drive a vehicle.

Proficient in MS Office, specifically Excel, Word, Visio, and PowerPoint

Working Conditions:

Job is usually performed in indoor & outdoor environments under various environmental conditions.

The ability to accept periodic assignments that involve travel away from the immediate head office area, Based on client needs, business needs and project scope.

Exposure to noisy or dusty conditions; chemicals & solvents; mechanical, electrical, and/or other hazards.

General hours of Monday through Friday 8:00am to 5:00pm. But ability to provide support during and outside regular business hours is required.