



JOB DESCRIPTION

Job Title: Combination Technician - Construction
Department: Construction
FLSA Status: Non-Exempt
Reports To: Construction Supervisor
Location: Willcox
Approved By: Heath Bowen
Approved Date: 03/19/2018

GENERAL PURPOSE OF JOB

Installs, maintains and removes outside plant telecommunication facilities by performing the following duties:

ESSENTIAL DUTIES AND RESPONSIBILITIES

(May include but are not limited to the following. Other duties may be assigned.)

- Actively encourages teamwork, open communication and cooperative interaction by promoting a positive work environment that reflects the company's mission, values and management goals.
- Installs, splices and tests fiber optic cable and related patch panel and/or termination equipment.
- Installs, splices and tests copper facilities.
- Installs, maintains and removes items identified as, but not limited to, outside plant facilities which include, digital loop carriers, cross connect boxes and splice boxes and perform cutovers on fiber and copper plant.
- Performs routine testing and maintenance using various test and cable locating equipment identified as, but not limited to, volt ohmmeter, subscriber loop analyzer, cable fault, and cable locating equipment, OTDR and power meter and light sources.
- Uses tone generators, digital multi-meters, line test sets, and digital loop analyzer to locate and repair shorts, opens, intermittent connections, and noise problems in aerial, underground and building cable.
- Provides basic analysis of testing results to make repairs or recommendations for appropriate corrective actions or improvements.
- Maintains assigned vehicle and work equipment.
- Understands and interprets standard telecommunication wiring color codes and installation practices.
- Works with and assists appropriate departments in the installation and maintenance of carriers, grounding, power and fiber management.
- Comprehends all staking and construction documents including, but not limited to, cut maps, staking sheets, right-of-way, and permitting.
- Ensures correct service order and work order flow.
- Places underground conduit and buried fiber and/or copper cable, drops and aerial facilities to customer locations using heavy equipment such as backhoe, trenchers, directional bore machine and cable plows.
- Ensures all work is done under RUS specifications and drawings (515A, 515B, 515C and 515D).
- Understands and enforces company policies and safety practices.

EDUCATION and EXPERIENCE

High school diploma or General Educational Development (GED) certificate and one to three months related experience and/or training. Knowledge of or the ability to learn standard telecommunication wiring color codes, connector pin assignments and the manner in which wires are dressed end-to-end.

LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to communicate with customers and/or employees.

MATHEMATICAL SKILLS

Ability to add and subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rates, ratios and percent's and to draw and interpret graphs.

REASONING ABILITY

Ability to apply common sense understanding to carry out instructions furnished in written, oral or diagram form. Ability to deal with problems involving several concrete variables in standardized situations.

COMPUTER OPERATIONS

Basic personal computer skills.

PLANNING/ORGANIZATION

Ability to prioritize tasks and handle multiple tasks as instructed.

OTHER TRAINING, CERTIFICATES, LICENSES, REGISTRATIONS

Must have and maintain possession of a valid CDL driver's license issued by the state of Arizona. Employees that have been newly hired or transferred into the position will be allowed 90-days from their date of hire or transfer to obtain and maintain possession of a valid Arizona state CDL driver's license.

CONTACTS

Work with all departments to ensure that interaction between employees and departments meets the criteria of all departments involved. Communicate with customers and contractors.

PHYSICAL/ENVIRONMENTAL DEMANDS

	Amount of Time			
	None	Under 1/3	1/3 to 2/3	Over 2/3
Stand			XXX	
Walk			XXX	
Sit			XXX	
Use hands to feel				XXX
Reach with hands and arms				XXX
Climb or balance			XXX	
Stoop, kneel, crouch, or crawl			XXX	
Push or pull				XXX
Talk or hear				XXX
Drive			XXX	
Keyboarding		XXX		

WEIGHT - Lifting and/or carrying

	None	Under 1/3	1/3 to 2/3	Over 2/3
Up to 10 pounds				XXX
Up to 25 pounds				XXX
Up to 50 pounds			XXX	
Up to 100 pounds		XXX		
More than 100 pounds		XXX		

WORK ENVIRONMENT

	None	Under 1/3	1/3 to 2/3	Over 2/3
Work near moving mechanical parts			XXX	
Fumes or airborne particles				XXX
Toxic or caustic chemicals		XXX		
Working above ground level		XXX		
Working below ground level			XXX	
Outdoor weather conditions				XXX
Risk of electrical shock				XXX

WORKING CONDITIONS

Regularly exposed to outside weather conditions and/or indoor shop environment with adequate ventilation. Occasionally required to climb or crawl into and work in tight spaces such as under mobile homes or in attics. Must be able to drive a motor vehicle and be able to operate or learn how to operate a bucket truck, trencher, forklift, cable plow and other associated heavy equipment.

PHYSICAL ACTIVITY

Moderate to physical activity performing somewhat strenuous daily activities of a primarily product/technical nature.

MANUAL DEXTERITY

Manual dexterity sufficient to reach/handle items and work with fingers.

VISION (*Any or all will be required to perform the functions of this position.*)

- Close Vision (clear vision at 20 inches or less)
- Distance vision (clear vision at 20 feet or more)
- Color vision (ability to identify and distinguish colors of telephone cable and fiber color codes)
- Peripheral vision (ability to observe an area that can be seen up and down or to the left and right while eyes are fixed on a given point)
- Depth perception (three-dimensional vision, ability to judge distances and spatial relationships)
- Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus)

NOISE

Moderate to loud noise levels (i.e.: business office with computers and printers, light traffic, heavy equipment).

WORK SCHEDULE/HOURS

Regular (40 hours per week) and on a call-out which may include periodically being able to respond to their reporting locations within 45 minutes if called to do so in any 24-hour period on any day of a 7-day week, subject to company policies or on-call basis subject to company policies. It is also possible that this job will be required to work fewer or more hours during any given week.

TRAVEL

Minimal overnight travel (up to 10%) by land and/or air. Required to be available to travel, by company vehicle, to various property locations and job sites.