



Job Brief

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Job Title Code: 14009118

Job Title: Facility Technician [CWA03]

GENERAL INFORMATION

Union Affiliation: BellSouth Telecommunications (BST)

DESCRIPTION

JOB RESPONSIBILITIES

Responsibilities may include but are not limited to the following:

1. Provides consistent, respectful and professional internal/external customer care. Initializes and maintains an open line of communications to ensure all customers receive the highest level of customer satisfaction possible.
2. Reviews and interprets work orders, circuit diagrams and follows standard practices.
3. Receives work orders and instructions from supervisor and/or computer access terminal.
4. Reviews and analyzes complex schematic drawings to determine work to be done and sequence of tasks.
5. Performs work both inside and outside in connection with providing telephone service between the central office and customer's premises.
6. Requires interfacing with customers on construction installation or repair work.
7. Works with hot metal, tools, digital loop carrier equipment, fiber optic cables, air pressure monitoring systems and associated equipment, color coded and tone identified wires in the connection of wires and cables to other telephone equipment and in connecting cable pairs together.
8. Determines differences in wire and cable colors and audible tones.
9. Prepares newly installed cables, conductors, and fibers preparatory to splicing by removing outer sheath, insulation and fiber coating.
10. Splices cables in aerial, underground, buried, submarine and building configurations, both multiple conductor cable, coaxial cable and fiber optic cable.
11. Identifies conductors in adjoining cable sections, according to diagrams and specifications by means of test signal identified wires or fiber optic test equipment.
12. Operates hydraulic aerial lifts (buckets) and ladders mounted on trucks.
13. Closes splices by enclosing with bolted on waterproof case, thermally applied shrinkable sleeving, or fitting and wiping a lead sleeve over splice opening.
14. Loads required tools and materials on Company truck or van and drives or rides to work location. May report directly to work location in some cases.
15. Makes necessary tests for toxic and explosive gas before entering manhole and continues tests while working in manhole. May require cleaning manholes before working and after completing assignments.
16. Communicates with other employees about completed work and requests various information regarding work assignments.
17. Repairs, routines and maintains cable plant, fiber optic plant and digital loop carrier equipment.
18. Rearranges other types of plant to conform with cable work and placing and removing cables.
19. Uses test equipment to isolate conductor faults or identify defective or broken fibers.
20. Turns up, routines, troubleshoots and maintains digital carrier equipment and maintains lightwave and metallic terminals.
21. Uses electrical instruments such as 500/573 Cable Locator, 710A/B Resistance Fault Locator, 730/735 Open Fault Locator to verify and determine defects in the cable, conductors and wire.
22. Uses electrical instruments such as span measuring test sets and signal generators to verify and determine defective carrier equipment in subscriber/digital carrier systems.
23. Removes, tests, and replaces plug-in carrier equipment in central office, repeater, and remote terminal locations.
24. Uses computer terminals associated with Operations Support Systems related to work locations.
25. Follows established safety procedures. Must be able to safely utilize equipment resources to perform specified physical job duties, i.e., satisfies manufacturer's specifications for operation or use of equipment including weight limitations.
26. Climbs poles and ladders, works aloft with small tools.

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- 27. Work outside in all kinds of weather.
- 28. Lifts and moves loads up to 120 pounds.
- 29. Drives Company vehicle.

Tests:

Test Name

Technical Mechanical Test-III (TMT III)

Applicability

Required

[VIEW TEST GUIDES](#)

Physical Requirements:

- May be required to meet DOT rules and regulations including DOT certifications
- Ability to perceive differences in wire and cable colors and audible tones
- Climb poles and ladders; work aloft with small tools; and lift and move loads up to 120 pounds

Specifics:

- Satisfactory background investigation
- Valid driver's license and the ability to drive vehicle with manual shift in some assignments
- Work scheduled tours covering Sunday through Saturday with overtime, call-outs and holiday work as required. Tour length will be 8 hours.

ADDITIONAL FACTORS

- Experience in electrical, electronic and mechanical fields.

ADDITIONAL QUALIFICATIONS

Test-Role/Responsibility

Training:

The following must be satisfactorily completed for title retention:

- On-the-job and/or classroom training as required
- SF401 Safe Ladder Handling and Pole Climbing

Environment:

- Work outside in all kinds of weather; work in manholes and alone at remote repeater locations, etc. when necessary.

Skills:

Skill Code	Skill Name	Applicability	Skill Description
C1066	Cable Knowledge	Desired	ABILITY TO SPLICE, MAINTAIN AND PROVIDE NECESSARY SERVICE TO CABLES TO ENSURE UTILIZATION OF THEIR CAPACITY. (INCLUDES ABILITY TO COUNT PAIRS AND RECOGNIZE DIFFERENCE IN TYPES OF CABLES AND KNOWLEDGE OF PATH THROUGH THE NETWORK.)
C3056	Cable Tone	Desired	Attaches tone device to outside sheath of cable to send tone signal to locate and mark underground cable.
C1117	Communication Terminal	Desired	OPERATION OF COMPUTER EQUIPMENT CONNECTED TO MAINFRAME OR MINI OR WORK

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C1148	Coordination	Desired	STATION COMPUTERS. INTERFACE BETWEEN SEVERAL CONTACTS WITHIN AN ORGANIZATION, BETWEEN A VARIETY OF OTHER DEPARTMENTS AND/OR EXTERNAL ORGANIZATIONS TO TRACK AND AND ENSURE COMPLETION OF A TASK PROJECT; MAY INCLUDE COORDINATION OF WORKLOAD ASSIGNMENTS FOR OTHER EMPLOYEES.
C1162	Customer Contact	Desired	ABILITY TO HANDLE QUESTIONS AND CLEAR CUSTOMER (INTERNAL AND EXTERNAL) PROBLEMS AND ENSURE COMMITMENTS TO CUSTOMERS ARE MET BY RESOLVING PROBLEMS AND PROVIDING SERVICES.
C2058	Customer Interaction	Desired	ABILITY TO LISTEN AND RESPOND TO CUSTOMERS WHILE TYPING INTO COMPUTER SYSTEMS AND INPUTTING ALL ASPECTS OF A SERVICE REQUEST INCLUDING SERVICE ACTIVATION, EQUIPMENT INSTALLATION.TROUBLE ISOLATION AND REPAIR, DIRECTORY LISTINGS, AND CUSTOMER BILLING
C1205	Diagrams/Schematics Knowledge	Desired	READS AND INTERPRETS SCHEMATIC DIAGRAMS, CIRCUIT DIAGRAMS, SERVICE ORDERS, TROUBLE TICKETS, SYSTEM APPLICATION DIAGRAMS AND/OR CIRCUIT DESIGNS.
C1239	Equipment Testing Knowledge	Desired	UNDERSTANDS THE PROCEDURES FOR TESTING OF TELEPHONE EQUIPMENT AND CAN USE THESE PROCEDURES TO CARRY OUT THE NECESSARY CHECKS.
C1250	Facilities System Knowledge	Desired	UNDERSTANDS THE FACILITIES SYSTEM FUNCTIONS TO THE EXTENT THAT TESTING, REPAIR OR MAINTENANCE IS POSSIBLE.
C1253	Facility - Design/Implementation	Desired	KNOWLEDGE OF FACILITY DESIGN AND INSTALLATION REQUIREMENTS
C2037	Fiber Construction & Maintenance	Desired	UNDERSTANDS AND CAN PERFORM CONSTRUCTION PRACTICES; FUSION SPLICING; MECHANICAL SPLICING; RESTORATION TECHNIQUES; TROUBLESHOOTING TOOLS, AND TEST EQUIPMENT.
C2014	Fiber Optic Communications	Desired	UNDERSTANDS LIGHT WAVE COMMUNICATIONS SYSTEMS, FIBER OPTIC CABLES, OPTICAL TRANSMITTERS AND RECEIVERS.
C2038	Fiber Optics	Desired	UNDERSTANDS AND CAN PERFORM FIBER OPTIC FUNDAMENTALS; LIGHT CHARACTERISTICS, FIBER OPTIC CABLE, TRAMSMITTERS, RECEIVERS, AND PASSIVES: CATV FIBER CONSTRUCTION.
C1259	Fiber Optics Knowledge	Desired	EXPERIENCE IN FIBER OPTIC SPLICING AND TESTING PROCEDURES.
C2055	Fusion And/Or Splicing	Desired	ABILITY TO FUSION AND/OR MECHANICALLY SPLICE, PREPARE FIBER ENCLOSURE AND FIBER DISTRIBUTION PANELS.

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C1307	Installation And Repair - Cable	Desired	INSTALLATION AND MAINTENANCE OF COAXIAL CABLE SYSTEMS; PLANT PROTECTION; LOCATE AND MARK CABLE, SPLICE AND RESTORE LEAD SHEATH CABLE, LOCATE AND REPAIR LEAKS, TROUBLESHOOT AND REPAIR REGENS AND REPEATERS. READ VARIOUS DRAWINGS, AS-BUILTS AND PLOT PLANS.
C1309	Installation And Repair - Fiber Optics	Desired	INSTALLATION AND MAINTENANCE OF FIBER OPTICS CABLE SYSTEMS (FT-G417, 1, 7GB, ETC.), PLANT RESTORATION, L/G REGEN TROUBLE SHOOTING/REPAIR AND ASSOCIATED EQUIPMENT (POWER ALARM TELEMETRY, ETC.). READ VARIOUS DRAWINGS, AS-BUILTS AND PLOT PLANS.
C1312	Installation Knowledge	Desired	UNDERSTANDS THE PROCEDURES REQUIRED TO INSTALL, REARRANGE AND/OR REMOVE COMPLEX TELEPHONE EQUIPMENT.
C1338	Ladder Safety Knowledge	Desired	UNDERSTANDS AND FOLLOWS LADDER SAFETY PROCEDURES.
C1348	Loading/Unloading Procedures	Desired	KNOWLEDGE OF CORRECT PHYSICAL AND MECHANICAL LOADING AND OFF-LOADING TECHNIQUES.
C2001	Outside Construction & Maintenance	Desired	EFFECTIVELY INSTALLS NEW COAXIAL CABLE AND FIBER OPTIC CABLE PLACING. CONNECTORIZATION OF COAXIAL CABLE AND PLACE ASSOCIATED EQUIPMENT SUCH AS AMPLIFIER HOUSINGS, TAPS AND POWER SUPPLIES.
C1775	Pole Climbing - Stepped	Desired	ABILITY TO CLIMB STEPPED POLES
C1605	Safety - Underground Knowledge	Desired	UNDERSTANDS AND FOLLOWS SAFETY PROCEDURES FOR WORKING UNDERGROUND I.E., VAULTS, SIDEWALK BOXES, AND COMMUNICATIONS CLOSETS.
C1602	Safety Awareness	Desired	KNOWS AND FOLLOWS COMPANY POLICY AND PROCEDURES REGARDING SAFETY. MAINTAINS APPROPRIATE LEVEL OF CAUTION WHEN WORKING, LIFTING, OR HANDLING POTENTIALLY HAZARDOUS EQUIPMENT OR MATERIALS.
C1611	Schematic Drawings	Desired	ABILITY TO READ AND INTERPRET COMPLEX DRAWINGS AND PRIORITIZE TASKS TO BE DONE.
C1673	Testing	Desired	PERFORMING TESTING AND TROUBLESHOOTING OF ELECTRICAL AND ELECTRONIC CIRCUITRY.
C1676	Testing - Toll	Desired	PERFORMING TESTING AND TROUBLESHOOTING OF ELECTRICAL AND ELECTRONIC CIRCUITRY. (UTILIZE PARTS AND VARIOUS TEST EQUIPMENT SUCH AS HP METERS, (T-COMM), LEVEL TRACERS, LORD DETECTORS, ETC.).

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License/Certificates:

Skill Code	Skill Name	Applicability	Skill Description
C3071	Medical Examination Certificate	May be Required	Valid Medical Examination Certificate.
C3068	Motor Vehicle License	May be Required	Possess valid driver's license

Performance/Attendance

- Satisfactory performance and attendance in present job.

REASONABLE ACCOMMODATIONS

Reasonable accommodations will be made for qualified candidates with disabilities. Essential job functions are identified for specific jobs on job requisition forms.

-----End of Report-----