



# Job Brief

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**Job Title Code:** 14002024

**Job Title:** Outside Plant Technician [CWA03]

## GENERAL INFORMATION

**Union Affiliation:** BellSouth Telecommunications (BST)

## GENERAL DUTIES

### 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. Works with heavy duty power equipment and small tools in the installation, repair and maintenance of outside plant facilities.
3. Loads necessary tools and heavy equipment onto trucks or trailers.
4. Receives work assignments and instructions from supervisor and/or through the use of a computer access terminal.
5. Operates power equipment such as compressors, pumps, blowers, etc., and hydraulic aerial lifts (buckets) and ladders mounted on trucks.
6. Performs construction work such as digging holes, placing poles, placing cable, air pipe and inner duct in various types of conduit systems and open excavations. Unreels, pulls, and strings wire strand and cable from pole to pole; pole to buildings, etc.
7. Determines differences between wire and cable colors.
8. Connects wires and cables to terminals and attaches or detaches various kinds of hardware to wires, cables, buildings or poles.
9. Splices and tests PIC and non-pressurized cable and makes appropriate enclosures.
10. Uses test equipment to check for toxic and explosive gas in manholes, and may have to empty water and other debris from manholes.
11. Dismantles, moves or removes aerial, underground or building wire, cable, associated equipment and hardware.
12. Reviews and interprets work orders, work prints and Company practices.
13. Works outside in all kinds of weather.
14. Climbs poles, ladders and enters tunnels, buildings, trenches, crawl spaces and manholes to place telephone cables and equipment.
15. 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.
16. Lifts and moves loads up to 120 pounds.
17. Works with fiber optic cable from the distribution terminal to the customer premises, color coded and tone identified wires in the connection of wires and cables to other telephone equipment, and in connecting cable pairs together.
18. Splices and tests non-pressurized cables in aerial, underground, buried, building configurations, multiple conductor cable, coaxial cable and also fiber optic cable from the distribution terminal to the customer premises. Performs tap in energizing count.
19. Identifies conductors in adjoining cable sections, according to diagrams and specifications by means of test signal identified wires or fiber optic test equipment.
20. Closes splices by enclosing with bolted on waterproof case, thermally applied shrinkable sleeving.
21. Repairs, rearranges (cable throws, etc), routines and maintains cable plant, fiber optic plant and channel cards associated with the digital loop carrier equipment or the distribution terminals.
22. Uses test equipment to isolate conductor faults or identify defective or broken fibers drops.
23. Turns up, routines, troubleshoots and maintains digital carrier equipment channel cards and maintains lightwave and metallic terminals.
24. Uses electrical instruments such Cable Locators, Resistance Fault Locators, and Open Fault Locators to verify and determine defects in the cable, conductors and wire. Also measuring test sets and signal generators to verify and determine defective carrier equipment in subscriber/digital carrier systems.

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## 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.
- Lifts and moves loads up to 120 pounds.
- Climbs poles, ladders and enters tunnels, buildings, trenches, crawl spaces and manholes to place telephone cables and equipment.

## Specifics:

- Work various scheduled tours including day, evening and night covering Sunday through Saturday with overtime, call-outs and holiday work as required. Tour length will be 8 hours.
- Work out of town for varying lengths of time as necessary.
- Satisfactory background investigation.
- Valid driver's license and ability to drive vehicle with manual shift in some assignments.

## ADDITIONAL FACTORS

Experience in electrical and mechanical fields

## 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.

## Skills:

<u>Skill Code</u>	<u>Skill Name</u>	<u>Applicability</u>	<u>Skill Description</u>
C2003	Aerial Line Hardware	Desired	PLACES AERIAL LINE HARDWARE, DOWN GUYS, ANCHORS AND STRAND FOR COAXIAL AND FIBER CABLE.
C1065	Cable Identification	Desired	CORRECTLY IDENTIFIES UNDERGROUND CABLES FROM RECORDS AND UNDERSTANDS THEIR RELATIONSHIP TO EACH OTHER.
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.)
C1117	Communication Terminal	Desired	OPERATION OF COMPUTER EQUIPMENT CONNECTED TO MAINFRAME OR MINI OR WORK STATION COMPUTERS.

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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.
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.
C1259	Fiber Optics Knowledge	Desired	EXPERIENCE IN FIBER OPTIC SPLICING AND TESTING PROCEDURES.
C1285	Hand And Power Tools Knowledge	Desired	ABILITY TO WORK SAFELY WITH HAND AND POWER TOOLS.
C1304	Installation - Cabling	Desired	PLACING OF COPPER, COAXING INSIDE WIRE AND/OR FIBER FLOOR DUCT OR CONDUIT.
C1311	Installation And Repair-UG Cable	Desired	INSTALLATION AND MAINTENANCE OF CABLE IN UNDERGROUND CONDUIT RATHER THAN BURIED CABLE; FOLLOW REQUIRED SAFETY PROCEDURES, READS VARIOUS DRAWINGS, AS-BUILTS AND PLOT PLANS.
C1312	Installation Knowledge	Desired	UNDERSTANDS THE PROCEDURES REQUIRED TO INSTALL, REARRANGE AND/OR REMOVE COMPLEX TELEPHONE EQUIPMENT.
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
C1524	Power Equipment	Desired	ABILITY TO SAFELY USE AND HANDLE HEAVY DUTY POWER EQUIPMENT PERTINENT TO JOB AREA.
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

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C1673	Testing	Desired	HAZARDOUS EQUIPMENT OR MATERIALS. PERFORMING TESTING AND TROUBLESHOOTING OF ELECTRICAL AND ELECTRONIC CIRCUITRY. REMOVE INSULATION AND POSITION WIRE, ASSEMBLE LUGS AND TERMINALS, WRAPPING, MECHANICAL ATTACHING, SOLDERING AND DRESSING WIRES, CABLE AND ELECTRICAL CONDUCTORS IN APPARATUS AND EQUIPMENT TO COMPLETE CIRCUITS ACCORDING TO MODELS, DRAWINGS AND DIAGRAMS.
C1732	Wiring	Desired	

### 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-----

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