

**COMMUNICATIONS CABLE WORKER  
(CLASS CODE 3802)  
TASK LIST - 2016**

**Field Work**

1. Climbs wooden or steel poles using a lineman's belt and gaffs in order to reach overhead work areas necessary to perform overhead communications work such as the installation, maintenance or repair of cables, wires, or lines connected to communication and/or electrical systems.
2. Grounds communication systems by attaching copper wires to ground rods to ensure the wires are properly grounded and to prevent electrical currents that could pose a safety hazard.
3. Splices copper and fiber cabling with the use of hand and power tools such as screwdrivers, hammers, wrenches, drills, saws, splicers, and soldering irons before terminating the cable to an end point, such as a terminal block, punch block or a protected block, before testing the splice termination by using appropriate testing equipment, such as power meters and subscriber loop testers to ensure continuity, resistance, and cable length.
4. Installs cables by setting up cable reels and pulling cables through underground conduits or overhead pole runs using a rod and rodding machine, string, rope, and a mechanical winch, to perform cable installations or repair communication systems.
5. Trims trees using a mechanical or hand saw in order to clear communication lines before performing installations or repairs on cables.
6. Takes gas pressure readings at intervals along cables using a gas pressure gauge in order to locate potential areas of pressure leaks and to document the gas pressure reading findings on graph paper in order to report any leaks or safety hazards to a supervisor prior to performing cable maintenance.

**Preparation Work**

7. Installs necessary appurtenant devices such as crossarms, J hooks, risers, and conduits, to wooden or steel poles by using hand and power tools such as screwdrivers and power drills, and by identifying the precise location of where to install the devices on the poles by measuring the distance from the ground to the pole and the length and width of the pole using measuring wheels, long tapes, and/or digital tape measures, to ensure the devices are attached onto the poles securely, correctly, and safely while performing overhead communications work.

8. Tests the atmosphere in manholes using equipment such as a gas tech, to inspect for any hazardous materials such as the presence of oil or asbestos, hazardous conditions such as a lack of oxygen or toxic fumes and/or electrical hazards prior to entry before performing underground cable repairs and installations.
9. Reads work orders issued by supervisor to review details of the job to be performed such as location of the job, distance of run, jumpering, and pairs to be used in order to perform the job as outlined in the work order.
10. Communicates orally with supervisor via phone or radio transmission in order to receive trouble/issue reports containing the nature of the problem and where it is located within the designated facility.
11. Determines circuit routing by looking up circuit information in map books or circuit books to establish the most effective route while performing cable installations or repairs.
12. Adheres to safety rules, regulations and procedures by wearing personal protective equipment (PPE) (e.g. safety belts, hard hats, red vests), setting up appropriate safety devices, such as cones and signs for traffic and pedestrian control and periodically observing the work activities of coworkers and the public to perform work tasks safely and ensure overall safety of the work site.
13. Writes (manually) short summaries on activity reports for the supervisor in order to document activities, such as readings, job requirements, job materials used on the job, conditions found at the job site, and remedies/resources required for repairs still needing to be completed.

## **Training**

14. Explains and demonstrates work procedures to Assistant Communications Cable Workers and instructs them on equipment to be used for different tasks in order to train them on work that they will be assisting with.