



Combination Technician

Who We Are:

Arctic Slope Telephone Association Cooperative (ASTAC) is a member-owned telecommunications cooperative that serves the residents of Alaska's North Slope region. Our service area spans over 90,000 square miles of remote, roadless Arctic land—an area larger than 40 of the 50 U.S. states combined.

At ASTAC, we prioritize focusing on the well-being of our employees and fostering a healthy, supportive work environment. We are proud to be a community of dedicated professionals working together to deliver exceptional service to the North Slope.

Position Overview:

The Combination Technician's responsibilities include performing work related to the maintenance, repair, testing, installation, monitoring, and servicing of all types of service provisioning equipment. This work encompasses a variety of technologies and protocols, such as Digital and IP Central Office Switching, Carrier Systems, Radio Networks, SONET, Carrier Class Ethernet Switch/Routers, TCP/IP, Optical Add/Drop Terminals, CWDM/DWDM Terminals, MPLS, ATM, DSL equipment, and telecommunications interfaces. These functions are primarily carried out in Deadhorse (Prudhoe Bay) or Utqiagvik (Barrow), and surrounding villages, in extreme Arctic conditions.

Key Responsibilities and Duties

- Provide construction, operation & maintenance of voice lines, data lines and cellular wireless services
- Install, maintain, and repair customer premises equipment. Install drop wires, station protectors, network interface devices, DSL equipment and performs initial wiring or rewiring for new and existing subscribers.
- Working knowledge of Open-Source Interconnection (OSI) model to Layer 3 (Networking)
- Responsible for installation and maintenance of network equipment
- Conduct locates of buried copper and fiber cables
- Install aerial and buried cable using Ditch Witch trenching equipment, skid steer, etc.
- Interpret network drawings and schematics and implements design parameters as specified
- Climb utility poles and telecommunication towers;
- Install and troubleshoot voice and data circuits utilizing Circuit Layout Records (CLRs) and appropriate test equipment;
- Demonstrate exceptional communications, customer service skills, technical, and problem-solving skills and the ability to effectively operate tools necessary to perform job duties;
- Work independently in remote locations with extreme arctic weather conditions;

- Install, maintain and troubleshoot emergency power systems to include facility level battery plants and back-up generators.
- Terminate, splice and test fiber optic cables utilizing appropriate equipment
- Perform provisioning, operations and maintenance on Fiber Optic Mux
- Perform site surveys for upgrades and new installations of customer telephone key systems. Determine material lists and quantify labor hours needed to formulate competitive sales proposals
- Install, troubleshoot and maintain licensed and unlicensed IP and TDM based radio systems
Monitor network for equipment alarms and adverse trends to proactively prevent network outages
- Perform facility maintenance of in remote arctic environment
- Perform all duties in accordance with all applicable OSHA and FCC safety guidelines
- Identify potential on the job safety hazards and reports to supervisor as appropriate

Qualifications:

Required:

- Key/PBX system experience including Nortel, ESI, and Avaya systems.
- Experience using Microsoft Office application Suite.

Preferred:

- Calix Multiservice Access Platform experience
- Preferred certifications in copper and fiber and applicable industry hardware and software applications
- Tower Climbing Certifications

What We Expect From You:

- Proficient in operating and maintaining equipment such as Genband C15, AFC, Calix, Fujitsu, and Adtran, with priority on specific models.
- Capable of safely utilizing ladders, boom/bucket trucks, trenching equipment, and other related telecommunications construction tools.
- Strong verbal and written communication skills.
- Adept at reading, writing, spelling, and effectively communicating with industry-specific terminology in English.
- Familiar with Windows-based computers and Microsoft Office Suite.
- Comfortable working independently and as part of a collaborative team.
- Highly detail-oriented with a focus on precision in tasks.
- Physical requirements include standing, sitting, stooping, kneeling, walking, lifting up to 50 pounds, and working at heights of 60 feet or more.
- Demonstrates a positive attitude in an industry that is rapidly evolving.
- Willingness to work a 10-hour daily schedule on a 3-week shift (21/10) and occasionally put in overtime hours beyond the regular schedule.
- Able to handle extended working hours that require both physical and emotional stamina.

- Capable of performing on-site work at ASTAC facilities, with travel involving foot, all-terrain vehicle, pick-up truck, aircraft, and other transportation methods, in various extreme Arctic conditions.

What You Can Expect From Us:

- Affordable healthcare benefits with low deductibles
- Generous PTO
- 11 paid holidays annually
- Competitive 401(k) plan
- Pension plan with vesting in 6-10 months
- Tuition reimbursement
- Paid professional development opportunities
- Company-provided life insurance and AD&D coverage
- Wellness benefits

Department: Operations (East or West)

Location: Deadhorse (Prudhoe Bay) or Utqiagvik (Barrow)

Work Setting: On-site

FLSA: Non-Exempt

Reports To: Exchange Manager

Approved By: Jens Laipenieks, CEO

Revision Date: 07/16/2018

Effective Date: 07/16/2018

Employee Acknowledgment:

I have reviewed and understand the Position Guide, and I believe it is accurate and complete. By acknowledging below, I confirm that I am fully aware that my compliance with the terms of this position guide will be a key factor in all future evaluations.

I also acknowledge that my manager and/or the General Manager (CEO) have the right to modify this position guide at any time.

Employee Name

Date

Supervisor Name

Date

This job description is not intended to include all the duties that may be assigned to the employee(s) in this position. Employee(s) may be required to perform additional job-related tasks as directed by authorized individuals.

The review of this position has excluded the marginal functions that are incidental to the core duties. All listed duties and responsibilities are considered essential job functions and may be adjusted to reasonably accommodate individuals with disabilities.

To perform this role successfully, the employee(s) must have the skills, capabilities, and qualifications necessary to complete each task competently. Certain requirements may exclude individuals who present a direct threat or significant risk to their own health or safety, or to the safety of others. The requirements outlined in this document represent the minimum qualifications needed. This document does not create an employment contract, either implied or otherwise, and the relationship remains "at-will."