

STATE OF ALASKA

DEPARTMENT/DIVISION: Administration/ETS	PCN: 023053
JOB CLASS/TITLE: Maintenance Specialist Electronics Journey II	WHEN POSITION IS NEEDED: Now
WAGE GRADE: 51	PAY WAGE: \$ 25.07 +DOE
CITY LOCATION: Juneau	

JOB DESCRIPTION:

Must have experience with the installation, troubleshooting, and repair of wireless microwave and two-way radio equipment. Must be able to properly wire 12, 24, and 48 volt D.C. battery plants/solar arrays/wind generators and D.C. powered equipment per NEC standards. Must be able to replace A.C. powered equipment, like for like, up to 240 volts A.C. and be familiar with the current NEC rules for the wiring of this equipment. Must be familiar with how to properly install and terminate copper and fiber cable runs within state communications facilities. Will be responsible for the complete maintenance of state communications sights, including: generators, towers, fiber and copper telecommunications transport cables, two way radios, microwave, high amperage battery plants, and DC power systems. Must be able to troubleshoot data and telecommunications circuits including DSO's, fractional and full T-1's, DS3's, and OC3's. Will need to be able to work on DS3 multiplexers, digital channel banks, and DACS T-1 cross connect equipment. Must be willing to travel away from their duty station up to 50% of their time, fly in helicopters and small planes, and work in adverse weather conditions. Must be able to support all maintenance and construction of remote wireless communications sites, including, clearing of brush and felling trees, working with shovels and excavators, working at heights up to 300' on towers, construct towers, build building and tower foundations, hang antennas and dishes on towers and buildings, perform generator maintenance, fuel generators, replace faulty electrical equipment, and perform battery plant maintenance.

SPECIAL REQUIREMENTS:

Must hold a General Radio Telephone Operator's License within six months of employment with the State of Alaska.

THIS POSITION REQUIRES THE INCUMBENT TO OPERATE:

Must be able to operate: Digital Volt Meters, T-1 Test Sets, TIMs test sets, RF Service Monitors, Spectrum Analyzers, Network Analyzers, Frequency Counters/Power Meters, OTDR and TDR's, watt meters, and personal computers. Must be comfortable operating brush cutters, chainsaws, Drills, saws, rock drills, jack hammers, grinders, welders, cutting torches, band saws, fork lifts, and work around boom trucks.

TYPE OF POSITION

<input checked="" type="checkbox"/> Permanent Full-Time	<input type="checkbox"/> Permanent Full-Time Seasonal
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