

Work Processes Schedule

STATION INSTALLER AND REPAIRER (TEL & TEL)

RAPIDS: 0647N

O*NET/SOC: 49-2022.00

REVISION DATE: 12/2014

Install, arrange, remove, and maintain telephone equipment, wiring, and associated hardware. Test installed telephone systems to locate transmission faults. Repair or replace defective and damaged telephones, wires, and associated equipment. Install electromechanical, analog, and digital trunking systems, circuits, and equipment in telecommunications central offices and switching centers.

Applicable Ratings/MOS

USMC MOS 0612, 0613, 0619, 2822, 2841, 2844, 2847

USCG None

USN CE, IC

Related Instruction

Any trade related schools/courses totaling 576 hours.

Additional Requirement

CE rating must hold NEC 5642

Total Hours: **8000**

Skill	Description	Hours
A	<p>ORIENTATION</p> <p>Apply proper terminology the installer-repairer will use on the job. Develop skills in the proper use and storing of tools and equipment. Maintain equipment and material records. Observe experienced installer-repairer performing tasks involved in the trade of Installer-Repairer.</p>	600
B	<p>TELEPHONE SUBSTATION INSTALLATION</p> <p>Interpret information on work orders. Locate and interpret desired information in Technical Manuals and commercial publications. Install drop wires from terminals to buildings. Make inside wire runs. Install/connect subsets. Perform operational tests. Perform corrective maintenance.</p>	3000
C	<p>TELEPHONE STATION EQUIPMENT INSTALLATION AND REPAIR</p> <p>Install, maintain, and repair telephone station equipment, such as telephones, coin collectors, and switching-key equipment. Test newly installed equipment and repair or replace faulty equipment, using test telephone or other testing devices.</p>	1500
D	<p>KEY TELEPHONE SYSTEM INSTALLATION AND MAINTENANCE</p> <p>Analyze operating principles. Select Key Telephone Units (KTUs) to meet specific requirements. Install IA1 and IA2 type key systems. Perform operational test of system. Perform corrective maintenance.</p>	1500
	<p>(6A) KEY TELEPHONE SYSTEM INSTALLATION AND MAINTENANCE</p>	

E	Call director for 18 or 30 multi-line unit. Analyze operating principles. Select Key Telephone Units (KTUs) to meet specific requirements. Install 6A type key system. Perform operational test of system. Perform corrective maintenance.	800
F	<p>PERFORM PREVENTIVE MAINTENANCE AND SAFETY PROCEDURES</p> <p>Perform preventive maintenance on service truck, tools, and equipment on daily, weekly, monthly, and/or quarterly basis. Apply precautions when working with ladders, climbing equipment, live circuits. Administer first-aid on site as required.</p>	600