

# Work Processes Schedule

## ELECTROMEDICAL EQUIPMENT REPAIRER (ANY INDUSTRY)

RAPIDS: 0168N

O\*NET/SOC: 49-9062.00

REVISION DATE: 03/2015

Test, adjust, or repair biomedical or electromedical equipment. Repairs and replaces defective parts. Calibrates and adjusts components and equipment. Safety-tests medical equipment. Logs record of maintenance and repair.

### Applicable Ratings/MOS

USMC MOS None

USCG HS

USN HA, HM, HN, HR

### Related Instruction

Any trade related schools/courses totaling 576 hours

### Additional Requirement

Must hold NEC 8410

Total Hours: **8000**

Skill	Description	Hours
A	<p><b>ROUTINE MAINTENANCE</b></p> <p>Perform preventive maintenance on electro-medical equipment such as; electrocardiographs, electroencephalographs, sterilizers, operating room lamps and tables, and diathermy machines.</p>	2500
B	<p><b>SCHEMATIC DIAGRAMS, BLUEPRINTS, AND DRAWINGS</b></p> <p>Use schematic diagrams, hand tools, and test equipment to test electrical circuits and components for; location of shorts and opens in circuitry, faulty connections and components.</p>	1500
C	<p><b>REPAIRING EQUIPMENT</b></p> <p>Solder loose connections and replace defective components such as; tubes, transformers, resistors, condensers, switches, and integrated circuit (IC) chips. Disassemble and re-assemble equipment, repair or replace faulty mechanical parts such as; control lever mechanisms and water impellers.</p>	2000
D	<p><b>ADJUSTING SPECIAL EQUIPMENT</b></p> <p>Adjust stylus graph and other recording mechanisms.</p>	1000
E	<p><b>X-RAY EQUIPMENT REPAIR</b></p> <p>Replace x-ray tubes and repair diathermy equipment.</p>	1000

