

# Work Processes Schedule

## PIPE COVERER AND INSULATOR

**RAPIDS: 0411N**

O\*NET/SOC: 47-2132.00

REVISION DATE: 12/2014

Apply insulating materials to pipes or ductwork, or other mechanical systems in order to help control and maintain temperature. Demonstrate knowledge and skills for qualifying as Journeyman. Applicable Job Qualification Requirements will be used as a guide in performing tasks and demonstrating knowledge in the following areas. Actual work time must be recorded in the Work Experience Log.

### Applicable Ratings/MOS

USMC MOS None

USCG None

USN HT, MM, MMA, MMN, UT

### Related Instruction

Any trade related schools/courses totaling 576 hours.

### Additional Requirement

None

Total Hours: **8000**

Skill	Description	Hours
A	<p><b>FUNDAMENTALS</b></p> <p>Demonstration of knowledge required in all areas.</p> <ol style="list-style-type: none"> <li>1. Safety Precautions Fundamentals</li> <li>2. First Aid And Rescue</li> <li>3. Quality Assurance Administration Fundamentals</li> <li>4. Quality Assurance Program Fundamentals</li> <li>5. Levels Of Control Fundamentals</li> <li>6. Hearing Conservation Program Fundamentals</li> <li>7. Hazardous Material Control And Management-(HMC&amp;M) Program Fundamentals</li> <li>8. Respiratory Protection Program Fundamentals</li> <li>9. Sight Conservation Program Fundamentals</li> <li>10. General Administration (Log, Record And File Maintenance)</li> <li>11. Technical Administration (Publications And Technical Manuals)</li> <li>12. Logistics</li> <li>13. Shop Fundamentals</li> </ol>	500
B	<p><b>EQUIPMENT</b></p> <p>Demonstrate safe operation and upkeep of shop equipment. The Equipment list is representative of tools and machinery typically found in the Work-Center associated with this trade.</p> <ol style="list-style-type: none"> <li>1. Breathing Apparatus, Self Contained</li> <li>2. Cleaner, Vacuum, Electric, Wet/Dry, Portable</li> <li>3. Protective Clothing And Respirator</li> <li>4. Infrared Viewer, Digital Readout, Portable</li> <li>5. Table, Down Draft, Floor</li> <li>6. Knife Sharpener, Electric, Bench</li> <li>7. Pump, Rhine Air, Electric/Pneumatic</li> <li>8. Spray Gun, Portable</li> <li>9. Repair Kit, Radar Absorptive Material</li> <li>10. Saw, Band, Cut Off, Vertical</li> <li>11. Sewing Machine, Single Needle, Bench</li> </ol>	500
C	<p><b>INSPECT, REPAIR AND REPLACE PASSIVE COUNTER MEASURE SYSTEMS</b></p> <ol style="list-style-type: none"> <li>1. Radar Absorbent Material (Type 3r, 14 And 16)</li> <li>2. Window Film (Type 12)</li> </ol>	500
D	<p><b>PROVIDE MANUFACTURING SERVICES</b></p> <ol style="list-style-type: none"> <li>1. Flange shield</li> <li>2. Lagging pads</li> </ol>	2000

<b>E</b>	<b>PROVIDE INSTALLATION TRAINING AND TECHNICAL ASSISTANCE (LAGGING)</b> 1. Installation and safety for shipboard personnel	500
<b>F</b>	<b>REPAIR AND REPLACE ACOUSTICAL/LAGGING MATERIALS</b> 1. Foam rubber 2. Fiberglass/Pre-Formed (Spun) 3. Cloth coverings 4. Calcium silicate 5. Epoxy coating	2000
<b>G</b>	<b>REPAIR DECK COVERING</b> 1. Prepare, apply and seal one-step deck covering	1000
<b>H</b>	<b>REPAIR AND REPLACE ABLATIVE MATERIALS</b> 1. Ablative compound and tile	1000