

Work Processes Schedule

BOILERHOUSE MECHANIC

RAPIDS: 0038N

O*NET/SOC: 47-2011.00

REVISION DATE: 12/2014

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 MM

Related Instruction

Any trade related schools/courses totaling 576 hours

Additional Requirement

None

Total Hours: **8000**

Skill	Description	Hours
A	<p>FUNDAMENTALS</p> <p>(Demonstration of knowledge required in all areas.)</p> <ol style="list-style-type: none"> 1. Safety Precautions Fundamentals 2. First Aid And Rescue 3. Quality Assurance Administration Fundamentals 4. Quality Assurance Program Fundamentals 5. Levels Of Control Fundamentals 6. Hearing Conservation Program Fundamentals 7. Hazardous Material Control And Management-(HMC&M) Program Fundamentals 8. Respiratory Protection Program Fundamentals 9. Sight Conservation Program Fundamentals 10. General Administration (log, record, and file maintenance) 11. Technical Administration (publications and technical manuals) 12. Logistics 13. Shop Fundamentals 	500
B	<p>EQUIPMENT</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"> 1. Fill Kit, Portable, 0-30 H.G. 2. Pump, Pressure, Twin Seal, 5000 PSI 3. Pneumatic Hydraulic Control Stand 4. Test Unit, Portable 5. Tester Comparator 6. Test Panel, ACC, 1200 PSI, Boiler Control, Test, Wall 7. Valve Test System, Portable 	500
C	<p>INSPECT, REPAIR AND BENCH TEST AIR PILOT CONTROL VALVES</p>	1000
D	<p>INSPECT, REPAIR, TEST, CALIBRATE AND BENCH TEST DIFFERENTIAL PRESSURE TRANSMITTERS</p>	1000
E	<p>INSPECT, REPAIR, TEST AND CALIBRATE MAIN BOILER CONTROL SYSTEMS</p>	2000
F	<p>INSPECT, REPAIR, TEST AND CALIBRATE AUXILIARY BOILER CONTROL SYSTEMS</p>	2000

