

## INDUSTRIAL MAINTENANCE MECHANIC

**RAPIDS: 0308D**

O\*NET/SOC: 49-9041.00

REVISION DATE: 09/2019

**TRADE DESCRIPTION:** Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems.

**TASK PERFORMANCE:** 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 skill areas. Actual work time must be recorded in the Work Experience Log; each skill area must be completed.

### Applicable Ratings/MOS/NEC

**USMC MOS:** 1142, 1161, 1169, 1316, 1391, 2161, 2871, 6492

**USCG:** DC, MK

**USN:** ABE, ABF, AD, AS, EN, GS, GSE, GSM, MM, MMA, MMN

**USA MOS:** 12P, 914A, 915E, 919A, 92F, 92L, 92R, 92W

### Related Instruction:

Trade related On-The-Job-Training (OJT) or Any Trade related schools/courses totaling 432 or more hours.

### Additional Requirement:

None.

Total Hours: **6000**

Skill	Description	Hours
A	ADMINISTRATION	250

	<ul style="list-style-type: none"> <li>-- Study blueprints or manufacturers' manuals to determine correct installation or operation of machinery.</li> <li>-- Maintain records for repaired equipment.</li> <li>-- Maintain records and order parts.</li> </ul>	
<b>B</b>	<p><b>TEST AND CALIBRATION EQUIPMENT</b></p> <ul style="list-style-type: none"> <li>-- Observe and test the operation of machinery or equipment to diagnose malfunctions, using voltmeters or other testing devices.</li> <li>-- Demonstrate equipment functions and features to machine operators.</li> </ul>	<b>250</b>
<b>C</b>	<p><b>MACHINE CODING</b></p> <ul style="list-style-type: none"> <li>-- Enter codes and instructions to program computer-controlled machinery.</li> <li>-- Record parts or materials used and order or requisition new parts or materials as necessary.</li> <li>-- Record repairs and maintenance performed.</li> </ul>	<b>500</b>
<b>D</b>	<p><b>FABRICATE MODIFY AND REASSEMBLE</b></p> <ul style="list-style-type: none"> <li>-- Disassemble machinery or equipment to remove parts and make repairs.</li> <li>-- Reassemble equipment after completion of inspections, testing, or repairs.</li> <li>-- Clean, lubricate, or adjust parts, equipment, or machinery.</li> </ul>	<b>2500</b>
<b>E</b>	<p><b>OPERATE, MAINTAIN, TROUBLESHOOT, AND REPAIR</b></p> <ul style="list-style-type: none"> <li>-- Repair or maintain the operating condition of industrial production or processing machinery or equipment.</li> <li>-- Examine parts for defects, such as breakage or excessive wear.</li> <li>-- Repair or replace broken or malfunctioning components of machinery or equipment.</li> <li>-- Operate newly repaired machinery or equipment to verify the adequacy of repairs.</li> <li>-- Analyze test results, machine error messages, or information obtained from operators to diagnose equipment problems.</li> </ul>	<b>1500</b>
<b>F</b>	<p><b>CUT AND WELD</b></p> <ul style="list-style-type: none"> <li>-- Cut and weld metal to repair broken metal parts, fabricate new parts, or assemble new equipment.</li> </ul>	<b>1000</b>