

# Work Processes Schedule

## ENGINEER EQUIPMENT MECHANIC

**RAPIDS: 0336M**

O\*NET/SOC: 49-3042.00

REVISION DATE: 12/2014

Diagnose and troubleshoot equipment failures. Repair and maintain diesel and gasoline engines. Adjust and repair ignition, fuel, electrical, hydraulic and steering systems. Maintain and repair chassis, frames and bodies. Work with hoisting and jacking equipment, power tools, measuring instruments, gauges and meters; lubricating equipment. Maintain and repair tires, batteries, brakes and valves. Perform shop management functions such as maintenance scheduling and spare parts inventory control. 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 1310, 1341, 1342, 1349, 2141, 2146, 2147

USCG None

USN CM

### Related Instruction

Any trade related schools/courses totaling 576 hours.

### Additional Requirement

None

Total Hours: **8000**

Skill	Description	Hours
A	<b>ENGINE</b>  Tune gas and diesel. Service gas and diesel. Troubleshoot gas and diesel. Replace parts. Rebuild. Safety.	900
B	<b>COOLING SYSTEM</b>  Inspect. Service. Repair. Replace. Safety.	315
C	<b>FUEL SYSTEM</b>  Inspect gas and diesel. Adjust. Test. Repair. Rebuild. Safety.	1900
D	<b>ELECTRICAL SYSTEM</b>  Test. Troubleshoot. Repair. Replace. Safety.	700
E	<b>IGNITION SYSTEM</b>  Inspect. Adjust. Time. Troubleshoot. Repair. Safety.	200
F	<b>TEST EQUIPMENT</b>  Test. Maintain. Operate. Safety.	535

<b>G</b>	<b>SPECIAL TOOLS AND MACHINES</b> Maintain. Operate. Safety.	520
<b>H</b>	<b>VEHICLE</b> Clean. Lubricate. Operate. Safety.	400
<b>I</b>	<b>BRAKES, HYDRAULIC, AIR, AIR/HYDRAULIC</b> Inspect. Adjust. Repair. Rebuild. Safety.	525
<b>J</b>	<b>TORQUE CONVERTERS &amp; TRANSMISSIONS</b> Test. Troubleshoot. Repair. Safety.	350
<b>K</b>	<b>HYDRAULIC SYSTEMS</b> Adjust. Test. Repair. Maintain. Rebuild. Safety.	370
<b>L</b>	<b>CLUTCHES</b> Inspect. Adjust. Repair. Rebuild. Safety.	130
<b>M</b>	<b>PROPELLING SHAFTS UNIVERSAL JOINTS</b> Inspect. Repair. Safety.	100
<b>N</b>	<b>DIFFERENTIALS AND AXLES</b> Inspect. Repair. Safety.	155
<b>O</b>	<b>STEERING ASSEMBLIES</b> Inspect, Repair, and Rebuild Safety	130
<b>P</b>	<b>CRANE ASSEMBLIES</b> Inspect. Repair. Rebuild. Safety.	475
<b>Q</b>	<b>AIR COMPRESSORS</b> Test. Rebuild. Inspect. Repair. Safety.	85
<b>R</b>	<b>TRACK ASSEMBLIES</b> Inspect. Repair. Adjust. Rebuild. Safety.	150

<b>S</b>	<b>REAR MOUNTED ATTACHMENTS (TRACKED &amp; WHEELED EQUIPMENT)</b> Inspect. Repair.	60
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