

Work Processes Schedule

ORDNANCE ARTIFICER (GOVERNMENT SERVICE)

RAPIDS: 0372N

O*NET/SOC: 55-3014.00

REVISION DATE: 12/2014

Duties include testing, inspecting, and storing ammunition, missiles, and torpedoes conducting preventive and routine maintenance on weapons and related equipment establishing and maintaining radio and wire communications and operating weapons targeting, firing, and launch computer systems. 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 0811, 2111, 2181, 2311, 2336, 6531, 6541, 6591

USCG GM

USN AO, EO, FC, FT, GM, MMW, MN, MT

Related Instruction

Any trade related schools/courses totaling 288 hours.

Additional Requirement

None

Total Hours: **4000**

Skill	Description	Hours
A	<p>ORIENTATION</p> <p>Maintain shop safety procedures in accordance with established standards, office procedures, equipment identification procedures and record keeping.</p>	200
B	<p>ORDNANCE SAFETY</p> <p>Conduct handling procedures briefs, covering routine safety and emergency procedures while handling ordnance. Conduct instruction to personnel on proper usage and handling of small arms. Ensure proper accountability, maintenance, and repair of all small arms.</p>	400
C	<p>SMALL ARMS MAINTENANCE AND REPAIR</p> <p>Disassemble, repair, and re-assemble ordnance of all types, using hand and power tools, and material handling equipment. Assemble and load explosive and inert elements to prepare ammunition items for use. Clean, store, and maintain ordnance according to technical manuals. Maintain small arms and artillery.</p>	350
D	<p>INSPECTION AND TESTING</p> <p>Inspect, test ordnance material such as; guns, primers, shells, fuses, mines, bombs, rockets, and guided missiles, tanks, chemical, biological and radiological munitions, and fire control equipment for weapons. Test and inspect material for functioning and service ability, using prescribed gauges and test equipment and by firing or detonating weapons and munitions. Operate test equipment, special tools and ammunition handling equipment. Examine working parts of guns used in testing ammunition to determine that they are in satisfactory condition to be used for making tests. Examine bore, cartridge chamber, firing-pin hole, and other parts related to functional operation of the gun using</p>	350

	precision measuring instruments. Inspect bore of gun for defects such as; scratches, pits, and corrosion, using illuminated periscope. Test operation of gun for satisfactory operation.	
E	<p>MAGAZINES STORAGE</p> <p>Store and prepare for use of ordnance material such as; guns, primers, shells, fuses, mines, bombs, rockets, and guided missiles, tanks, chemical, biological and radiological munitions, and fire control equipment for weapons. Perform proper storage procedures, ensure proper magazine sprinkler systems operation, maintenance and repair for ammunition, proper accountability and record keeping for all stored ammunition.</p>	900
F	<p>HYDRAULIC REPAIR / COMPRESSED AIR SYSTEMS</p> <p>Use schematic diagrams to perform in shop rebuilding of hydraulic components/compressed air systems, on location repair and component replacement.</p>	300
G	<p>ELECTRICAL REPAIR</p> <p>Use special tools and test equipment, in accordance with the manufacturers' service manuals, diagrams, charts, etc., to repair and adjust electrical equipment, overhaul equipment, test or check equipment and replace defective components.</p>	600
H	<p>MECHANICAL REPAIRS</p> <p>Use special tools and test equipment, in accordance with the manufacturers service manuals to repair or adjust mechanical equipment, test and check equipment, and replace defective components.</p>	600
I	<p>SUPERVISING OPERATIONS</p> <p>Supervise and coordinate the activities of workers engaged in inspecting, servicing, and repairing artillery weapons.</p>	300