

Individual Critical Task List

MOS 91D - Power Generation Equipment Repairer SL3
Enlisted, MOS: 91D, Skill Level: SL3, ASI: C9

Approved
02 Apr 2014

Effective Date: 30 Nov 2015

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD2 - This training product has been reviewed by the training developers in coordination with the 59th Ordnance Brigade Fort Lee, Virginia 23801 foreign disclosure officer. This training product can be used to instruct international military students when the country meets specific criteria. Specify requirement(s) that each country must meet (select all that are appropriate): 1) Must purchase equipment through FMS Equipment associated with Task; 2) Must be a member of a specific group or coalition Current Allied Countries ; 3) Must have an accepted clearance (must be authorized under an identified general security agreement with the US); 4) May not attend FD3 modules None Associated with Task; 5) Other None Associated with Task.

Target Audience: Perform duties in preceding skill levels, supervises lower grade Soldiers and provides technical guidance to the Soldiers in the accomplishment of their duties. Perform duties as tactical power planner. Complete power assessments and tactical power grid designs in order to achieve operating efficiency. Advises unit personnel on how best to employ tactical power generation and distribution systems to meet proper requirements. Supervise activities of a section performing field or sustainment maintenance on tactical power generation sets, internal combustion engines and associated equipment. Apply maintenance management and quality control including production and quality control in maintenance activities.

Total Number of Tasks: 23

- **Training Domain/Location Column** – identifies the training location and the Leadership Domain (Institutional, Operational, or Self-Development) where the task is first trained to soldier training publications standards. If the task is first trained to standard in the unit, the word “OP” will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (S-D, INST), the resident course where the task was taught.
- **Sustainment Training Frequency Column** – indicates the recommended frequency at which the tasks should be trained to ensure soldiers maintain task proficiency.
- **Sustainment Training Skill Level Column** – lists the skill levels of the MOS for which soldiers must receive sustainment training to ensure they maintain proficiency to soldier’s manual standards.

| Task Number | Task Title | Training Domain / Location | Sust Tng Freq | Sust Tng Sl |
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Subject Area 1. GENERATOR TASKS

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|--------------|--|------|----|---|
| 091-91D-3102 | Perform Diagnostic Procedures on a Voltage Regulator of a Tactical Power System | INST | AN | 3 |
| 091-91D-3103 | Perform Diagnostic Procedures on Fault Indicator Panel of a Tactical Power System | INST | AN | 3 |
| 091-91D-3104 | Perform Diagnostic Procedures of Relay Assembly on a Tactical Power System | INST | AN | 3 |
| 091-91D-3105 | Perform Diagnostic Procedures on a Governor Assembly of a Tactical Power System | INST | AN | 3 |
| 091-91D-3106 | Perform Diagnostic Procedures on the Main Generator Assembly of a Tactical Power System | INST | AN | 3 |
| 091-91D-3107 | Perform Diagnostic Procedures on a Battery Charging Alternator of a Tactical Power System | INST | AN | 3 |
| 091-91D-3109 | Perform Diagnostic Procedures on the Lubrication System of a Tactical Power System | INST | AN | 3 |
| 091-91D-3112 | Perform Diagnostic Procedures on Glow Plugs of a Diesel Engine of a Tactical Power System | INST | AN | 3 |
| 091-91D-3114 | Perform Diagnostic Procedures on a Starter Assembly of a Tactical Power System | INST | AN | 3 |
| 091-91D-3118 | Perform Diagnostic Procedures on the Fuel System of an Engine of a Tactical Power System | INST | AN | 3 |
| 091-91D-3119 | Perform Diagnostic Procedures on a Cooling System of a Diesel Engine of a Tactical Power System | INST | AN | 3 |
| 091-91D-3120 | Perform Diagnostic Procedures on the Electrical Control on a Welding Machine | INST | AN | 3 |
| 091-91D-3121 | Perform Quality Control/Quality Assurance Inspection on a Generator Set of a Tactical Power System | INST | AN | 3 |
| 091-91D-3122 | Perform Quality Control/Quality Assurance Inspection on a Welding Machine | INST | AN | 3 |
| 091-91D-3123 | Perform Classification Inspection on a Tactical Power System | INST | AN | 3 |
| 091-91D-3124 | Perform Classification Inspection on a Welding Machine | INST | AN | 3 |
| 091-91D-3126 | Perform Diagnostic Procedures on a Load Bank | INST | AN | 3 |
| 091-91D-3127 | Replace Cylinder Head on a Engine of a Tactical Power System | INST | AN | 3 |
| 091-91D-3128 | Perform Diagnostic Procedures on the Output Rectifier Assembly on a Welding Machine | INST | AN | 3 |

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| 091-91D-3129 | Perform Diagnostic Procedures on the Range Switch Assembly on a Welding Machine | INST | AN | 3 |
| 091-91D-3130 | Perform Diagnostic Procedures on the Reactor Assembly on a Welding Machine | INST | AN | 3 |
| 091-91D-3131 | Assess Unit, Command Post, or Tactical Operations Center Electrical Power Requirements | INST | AN | 3 |

Subject Area 2. Unassigned

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| 091-91D-3101 | Perform Diagnostic Procedures on the Electrical Control System of a Tactical Power System | | | |
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