

Individual Critical Task List

12P20, Prime Power Production Specialist, Skill Level 2
Enlisted, MOS: 12P, Skill Level: SL2, Duty Pos: KGA

Approved
03 May 2024

Effective Date: 03 May 2024

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

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the MSCoE / FLW foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Target Audience: This publication applies to the Active Army, the Army National Guard (ARNG)/Army National Guard of the United States (ARNGUS), and the U.S. Army Reserve (USAR) unless otherwise stated. This will be used by Soldiers of the rank E-5.

Total Number of Tasks: 41

- **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. Occupational Health and Safety

052-12P-2105	Perform Rescue on a Victim From an Electrical Conductor	INST	AN	2-4
052-12P-2106	Perform Preventative Maintenance on Safety Equipment	INST	AN	2-4
052-12P-2112	Perform Lockout Tagout Procedures	INST	AN	2-4
052-12P-2127	Identify the Hazards of a Power Generation and Distribution System	INST	AN	2-4
052-12P-2215	Determine Arc Flash Boundary and Associated PPE	INST	AN	2-4
052-12P-2216	Determine Limited/Restricted Approach Boundary and Associated PPE	INST	AN	2-4
052-12P-2229	Implement the Safe Handling and Storage Procedures for Hazardous Materials	INST	AN	2-4
052-12Q-1113	Prepare a Manhole for Safe Entry	OP	AN	2-4
052-12Q-2207	Conduct a Worksite Safety Brief	OP	AN	2-4
052-204-1115	Rescue an Injured Victim From a Manhole	OP	AN	2-4

Subject Area 2. Power System Installation

052-12P-2103	Perform a Medium-Voltage Power Cable Termination with a Prefabricated Kit	INST	AN	2-4
052-12P-2130	Perform a Facility Load Assessment	INST	AN	2-4
052-12P-2142	Prepare a Power Plant for Movement	OP	AN	2-4
052-12P-2203	Install Mobile Electrical Power (MEP) Power Unit (PU) 810 A/B	OP	AN	2-4
052-12P-2208	Inspect Grounding and Bonding	INST	AN	2-4
052-12P-2221	Install a Multi-Unit Medium Voltage Power Plant	INST	AN	2-4
052-12P-2222	Install a Power Distribution System	INST	AN	2-4
052-12P-2223	Determine Correct Phasing Across Electrical Systems	OP	AN	2-4
052-12P-2224	Install an Uninterruptible Power Supply (UPS)	INST	AN	2-4
052-204-2303	Perform Primary Voltage Live-Line Testing	INST	AN	2-4
052-206-2202	Install an Electrical Grounding System	INST	AN	2-4

Subject Area 3. Power Systems Maintenance

052-12P-2109	Implement a Test, Measurement, and Diagnostic Equipment (TMDE) Program	OP	AN	2-4
052-12P-2111	Troubleshoot an Engine Failure to Stop	INST	AN	2-4
052-12P-2128	Troubleshoot a Direct-Current (DC) Voltage System	INST	AN	2-4
052-12P-2131	Troubleshoot an Engine Failure to Crank	INST	AN	2-4
052-12P-2133	Troubleshoot an Engine Failure to Accelerate and/or Maintain a Rated Speed	INST	AN	2-4

052-12P-2204	Maintain Mobile Electric Power (MEP) Power Unit (PU) 810 A/B	OP	AN	2-4
052-12P-2217	Interpret Prints and Drawings	INST	AN	2-4
052-12P-2218	Maintain a Multi-Unit Power Plant	INST	AN	2-4
052-12P-2219	Maintain a Battery System	INST	AN	2-4
052-12P-2228	Maintain a Power Distribution System	OP	AN	2-4
052-206-2104	Service a System Ground	INST	AN	2-4
052-244-2117	Perform Preventive-Maintenance Checks and Services (PMCS) on a Mobile Electric Power (MEP)-810A or B Generator	OP	AN	2-4
052-244-2135	Troubleshoot a Generator's Improper Voltage Output	INST	AN	2-4
052-IS2-2124	Operate Original Equipment Manufacturer (OEM) Software Systems to Troubleshoot and Configure Prime Movers	INST	AN	2-4

Subject Area 4. Power Systems Operations

052-12P-2114	Operate a Mobile Electric Power (MEP)-810 Series Generator	OP	AN	2-4
052-12P-2220	Perform Switching Operations in Support of a Power Distribution System	OP	AN	2-4
052-12P-2225	Operate a Digitally Controlled Power Plant	INST	AN	2-4
052-12P-2226	Operate a Solid State Controlled Power Plant	INST	AN	2-4
052-12P-2227	Operate an Analog Controlled Power Plant	INST	AN	2-4
052-244-2137	Record Maintenance and/or Operational Data	INST	AN	2-4