

TEST BOOKLET

OPERATOR COURSE

FOR

**3KW TACTICAL QUIET GENERATOR SET (TQG)
MODELS MEPA 831 AND MEPA 832**

TEST INSTRUCTIONS TO THE EXAMINEE

1. The following test consists of 20 questions and represents part of your course grade. You have 30 minutes to complete this test and must correctly answer 16 items to receive a passing grade. Each question is worth 5 points.
2. There is only one correct response for each item. Place an 'X' in the block provided. Write your name and date on the Answer Sheet
3. You may reference the technical documentation and the Trainee Guide presented to you in the beginning of this course.
4. When you have completed the test turn your Answer Sheet in to the instructor and wait further instructions.
5. Read the sample test question below and look over the sample answer sheet before you begin the test

SAMPLE TEST QUESTION	ANSWERS				
1. What is the fuel used to power the T. Q. Generator set engine? a. Gasoline b. Electricity c. Diesel d. Atomic Fusion	1.	a ()	b ()	c (X)	d ()

OPERATOR TRAINING COURSE TEST BOOKLET

Test Questions

1. What switch allows the generator set to operate under certain fault conditions?
 - a. The Voltage Adjust switch.
 - b. The Battle Short switch.
 - c. The Slave Receptacle switch.
 - d. The No Fault switch.

2. Which statement correctly describes the 3 kW TQG?
 - a. Single cylinder, water cooled, electrically driven.
 - b. Permanent, brush energized, 2-phase power.
 - c. A portable, quiet source of AC power.
 - d. A heavy duty DC power source.

3. Which item allows for a connection of an outside fuel hose?
 - a. The Governor Control.
 - b. The Auxiliary Fuel Cap.
 - c. The Fuel Level switch.
 - d. The Fuel Level Sender.

4. The ground rod should be driven in _____ feet?
 - a. Four.
 - b. Eight
 - c. None, this is a self-grounding system.
 - d. Two.

5. Indicator lights are located on the
 - a. Fault indicator module.
 - b. Remote control panel assembly.
 - c. Skid base assembly, above the oil drain port.
 - d. All of the above.

6. Which of the following devices are located on the control panel?
 - a. REMOTE FLOCAL PREHEAT, BATTLE SHORT.
 - b. PRIMARY/AUX, START/RUN/STOP, EMERGENCY STOP.
 - c. VOLTAGE ADJUST, PREHEAT, CIRCUIT INTERRUPTER.
 - d. REMOTE/LOCAL, EMERGENCY STOP, STARTING AID.

7. The NATO slave receptacle is located _____.

- a. On the skid base, below the control panel.
 - b. On the skid base, to the right of the oil drain.
 - c. At the rear of the enclosure, above the fuel connection fitting.
 - d. At the front of the enclosure, inside the output panel.
8. Under emergency conditions you would stop the generator with _____.
- a. The Power Inverter.
 - b. The Oil Cooler.
 - c. The Circuit Interrupter.
 - d. The Emergency Stop switch.
9. The generator set has _____ for starting.
- a. A 12 VDC battery.
 - b. Two 12 VDC batteries.
 - c. A 24 VDC battery.
 - d. Two 24 VDC batteries.
10. Engine cranking is initiated by placing the _____.
- a. AUX/BAT switch in the BAT position.
 - b. START/PRIME - RUN/OFF switch in the PRIME - RUN position.
 - c. START/RUN/STOP switch in the START position.
 - d. START/PRIME/RUN switch in the PRIME position.
11. Operator maintenance on the fuel system is mostly limited to?
- a. Replacement of filters.
 - b. Inspection and draining of bowl.
 - c. Inspection only.
 - d. None.
12. Operator Troubleshooting Procedures would be found in _____?
- a. Chapter 3, Section II.
 - b. Chapter 2, Section I.
 - c. Appendix E.
 - d. Chapter 1, Section IV.
13. Which statement correctly describes a class I leak.
- a. Leakage of fluid great enough to form drops that fall.
 - b. Seepage of fluid hot great enough to form drops.
 - c. Leakage of fluid great enough to form drops but not fall.
14. When should operator level PMCS be performed?
- a. PMCS is performed each time a defective component is suspected or every 300 hours, whichever occurs first.
 - b. Before, during, and after each operation of the TQG.
 - c. Every three months or 3000 operating hours.

15. The duplex convenience receptacle and GFCI are found only on the _____ TQG.
- 60Hz (MEP 831).
 - 400 Hz (MEP 832).
16. If the engine does not start at the first attempt, you must wait _____ seconds before reactivating the START/RUN/STOP switch.
- 15
 - 60
 - 30
 - 45
17. Which statement correctly describes the START/RUN/STOP switch?
- Spring loaded. Must be held in the RUN position when starting the TQG.
 - Three position lock-switch. Must be unlocked to move from position to position.
 - Two position, spring load switch with plastic switch guard.
 - Spring loaded. Must be held in the START position when starting the TQG.
18. The engine oil capacity is _____ quarts.
- 3.4
 - 1.2
 - 3.1
 - 2.5
19. The generator set output voltage is indicated by the _____?
- Voltage Meter.
 - Output Meter.
 - KW Meter.
 - Voltage Control Power Output Switch.
20. When operating in cold weather conditions, how long should the PREHEAT switch be held it the ON position?
- 60-90 seconds.
 - 1-2 minutes.
 - 10-20 seconds.
 - 3 minutes (minimum).

3KW TQG OPERATOR COURSE EXAM

ANSWER SHEET

NAME: _____

DATE: _____

Question

No.	a	b	c	d
1.	()	()	()	()
2.	()	()	()	()
3.	()	()	()	()
4.	()	()	()	()
5.	()	()	()	()
6.	()	()	()	()
7.	()	()	()	()
8.	()	()	()	()
9.	()	()	()	()
10.	()	()	()	()
11.	()	()	()	()
12.	()	()	()	()
13.	()	()	()	()
14.	()	()	()	()
15.	()	()	()	()
16.	()	()	()	()
17.	()	()	()	()
18.	()	()	()	()
19.	()	()	()	()
20.	()	()	()	()