

▶ TASK Check fuel for contaminants and quality; determine necessary action.

AST
8D1

MAST
8D2

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: C420

1. Obtain a quantity of fuel from the vehicle into the fuel container.

NOTE This is best done while performing a fuel pump volume test.

2. Pour 90 mL of gasoline into the graduated test tube.
3. Let this settle for a minute or two. Observe any contaminants in the fuel. **List your observations:**

4. Add 10 mL of water, bringing the total volume to 100 mL.

5. Cap the test tube tightly with a cork or other appropriate device.

NOTE Be sure you hold the cap firmly in place during this procedure. It will become pressurized, which could force the cap off, spraying fuel a considerable distance.

6. Slowly and carefully agitate the fuel/water mix for 30 seconds to bring the water into contact with the fuel. If there is any alcohol in the fuel, this will allow the water to be absorbed by the alcohol.

7. Allow the mixture to settle for a minute or two. Observe the level of the water in the bottom of the test tube. Anything higher than the initial 10 mL is the amount of alcohol in the fuel. **List your observation(s):**

8. **Determine any necessary action(s):**

9. Have your supervisor/instructor verify your observations. **Supervisor's/instructor's initials:** _____

10. Carefully pour off the fuel in the test tube back to the fuel container. Make sure no water leaves the test tube.

- 11. Properly dispose of the remaining water/fuel mixture.
- 12. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C420

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1

2

3

4

Supervisor/instructor signature _____ Date _____