Pennsylvania Mining Laws
Diesel Regulations
Section 407 to 410

1. Diesel fuel shall be transported in containers _____ designed for the transport of diesel fuel.

a. Substantially
b. Specifically
c. Professionally
d. Moderately

2. When transporting diesel fuel, you cannot have more than _____ can(s) of fuel on a vehicle.

a. One
b. Two
c. Three
d. Four

3. Diesel fuel cans shall be _____ marked.

a. Substantially
b. Specially
c. Conspicuously
d. Suspiciously

4. Containers, other than safety cans, used to transport diesel fuel shall be provided with:

a. A device for venting and self-closing caps
b. Liquid tight connections for all container openings that are identified and kept closed when not in use
c. Shut-off valves located within 1 inch of the tank shell
d. All of the above are required

5. Containers used for transporting diesel fuel shall not exceed:

a. 10 gallons
b. 25 gallons
c. 250 gallons
d. 500 gallons

6. Containers, other than safety cans, used for the transport of diesel fuel shall be _____ fixed to the transport unit.

a. Substantially
b. Permanently
c. Mechanically
d. Temporarily

7. Diesel fuel transportation units shall be transported individually and not with any other cars, except that two diesel fuel transportation units up to a maximum of 500 gallons each may be transported together.

a. True
b. False

8. Diesel fuel may be transported on conveyor belts if it is enclosed in a special container for that purpose.

a. True
b. False

9. When transporting diesel fuel in containers other than safety cans, _____ shall be provided on each end of the transportation unit.

a. A fire extinguisher
b. An attendant
c. A motor
d. An SCSR

10. Diesel transportation units are required to have a fire suppression system.

a. True
b. False

11. When transporting diesel fuel in an area where there is energized trolley line, the transportation units must be provided with _____.

a. Extra manpower to insure that the fuel is being transported safely
b. A motor on both ends of the trip
c. Insulating material
d. At least two additional 20 Ib. fire extinguishers

12. If any energized trolley wire is within _____ from the diesel fuel being transported, the trolley wire must be de-energized.

a. 6 inches
b. 12 inches
c. 18 inches
d. There are no guidelines, as long as there is extra insulation around the diesel fuel transport unit.

13. Unattended diesel fuel transportation units must be parked in side-tracks, off the main rail line.

a. True
b. False

14. Safety cans shall be used for regularly scheduled fueling of diesel powered equipment.

a. True
b. False

15. Safety cans shall be:

a. Clearly marked
b. Have a capacity of no more than 5 gallons
c. Be equipped with self closing valves
d. All of the above

16. Fire suppression systems on diesel powered equipment and transportation units shall be an automatic water deluge system which is listed or approved by an independent testing laboratory.

a. True
b. False

17. Fire suppression equipment on diesel powered equipment and transportation units shall be installed:

a. According to manufacturers specifications
b. In a way to protect or guard the components from damage from routine operations
c. To prevent any crimping pinching or stretching of the hoses
d. All of the above

18. Discharge nozzles for the fire suppression system for diesel powered equipment shall be _____ for maximum fire suppression effectiveness in the protected areas.

a. Cleaned and examined
b. Positioned and aimed
c. Installed and protected
d. All of the above

19. Discharge nozzles for the fire suppression system for diesel powered equipment shall be _____ against the entrance of foreign materials.

a. Protected
b. Covered
c. Regularly examined
d. All of the above

20. Automatic fire suppression system for diesel powered equipment shall provide detection and suppression for:

a. The engine, transmission, hydraulic pumps and tanks
b. Exposed brake units, air compressors, and battery areas
c. Fuel containers and electric panels on the transportation units
d. All of the above

21. When the fire suppression system on diesel powered equipment is activated, it must also activate an audio and visual alarm that can be detected by anyone near the affected piece of equipment.

a. True
b. False

22. When the fire suppression on any piece of diesel equipment is activated, it must also provide for an emergency shutdown of the diesel motor. This shutdown may be delayed for a maximum of _____.

a. 0 seconds. The shutdown must be instantaneous.
b. 15 seconds
c. 60 seconds
d. Two minutes

23. The fire suppression system on diesel powered equipment shall be provided with at least _____ manual activation button(s).

a. One
b. Two
c. Three
d. Four

24. For stationary diesel equipment, there shall be at least two manual activators. They shall be located _____.

a. One on each end of the equipment
b. One on the equipment and one located away from the equipment
c. One on the equipment and one located a safe distance away on intake air
d. None of the above

25. Fire suppression systems for diesel fuel storage facilities shall have the same requirements as that of for diesel powered equipment.

a. True
b. False

26. Fire suppression systems for diesel fuel storage facilities need not remain functional in the event of a power loss.

a. True
b. False

27. When a fire suppression system for diesel storage facilities is activated, it shall provide a means of warning _____ in the event of a fire.

a. All persons underground
b. All persons underground and the surface personnel
c. All endangered persons
d. All of the above

28. Fire suppression devices on diesel powered equipment and storage areas shall be visually inspected by an individual qualified to make the inspection.

a. Each pre-shift
b. Each shift
c. Daily
d. Weekly

29. Each fire suppression device shall be tested and maintained _____. The record of the inspections shall be maintained at an appropriate location for each fire suppression device.

a. Daily
b. Weekly
c. Monthly
d. Yearly

30. All miners normally assigned to the active areas of the mine shall be instructed about any hazards related to the fire suppression devices on diesel equipment.

a. True
b. False

31. It is permissible to use ether as an aid to start any diesel motor underground.

a. True
b. False