Pennsylvania Mining Laws

Section 251 to Section 260

1. The top man shall be at least 21 years old, and he shall be designated by the:

a. mine foreman
b. superintendent
c. operator
d. district mine inspector

2. No greater number if individuals shall be lowered or hoisted at any one time in any shaft or slope than is permitted by the:

a. Department
b. operator
c. superintendent
d. hoisting engineer

3. The _____ shall designate the top person or trip rider.

a. mine foreman or superintendent
b. superintendent or operator
c. mine foreman only
d. superintendent only

4. The _____ shall place in charge the hoisting engineers.

a. mine foreman or superintendent
b. superintendent or operator
c. mine foreman only
d. superintendent only

5. When there is no top person employed because the cage or elevator runs automatically, anyone can report any crowding or pushing incidents to the mine foreman.

a. True
b. False

6. Track switches shall be placed on _____ when possible.

a. wire side
b. any side
c. clearance side
d. none of the above

7. Where there are cars present, haulage roads shall have a minimum of _____ of clearance.

a. 12 inches
b. 24 inches
c. 30 inches
d. 36 inches

8. Normally, when trolley lines are used, the clearance shall be _____ as the trolley.

a. on the same side
b. on the opposite side
c. above the center line of the track
d. below the center line of the track

9. Shelter holes shall be not more than _____ apart.

a. 50 feet
b. 70 feet
c. 80 feet
d. 105 feet

10. Shelter holes shall be at least:

a. 5 feet deep, 4 feet wide and 4 feet high
b. 5 feet deep, 5 feet wide and 4 feet high
c. 4 feet deep, 4 feet high and 4 feet wide
d. large enough to accommodate a worker comfortably

11. Crosscuts can be used as shelter holes, provided that the minimum area to be kept clean is 4 feet wide and 5 feet deep.

a. True
b. False

12. Operators of haulage equipment shall sound a warning when approaching:

a. curves
b. intersections
c. doors
d. all of the above

13. When hauling a trip of cars with a locomotive, the trip of cars must have a:

a. brakeman stationed to the rear of the trip of cars
b. conspicuous light or other device on the rear of the trip
c. braking system capable of stopping the trip if it uncouples
d. all of the above

14. No one shall get off any trip while in motion.

a. True
b. False

15. Back poling is permitted when:

a. going to the nearest turning point
b. going up extremely steep grades at slow speeds
c. both a and b
d. neither a nor b

16. Shuttle car operators must face the direction of travel at all times, except during loading.

a. True
b. False

17. When a dispatcher is employed at a mine to control trips, traffic shall move only at his direction.

a. True
b. False

18. Trip riders shall see that:

a. all hitchings are safe
b. couplings are in good working order
c. no one rides a loaded trip
d. all of the above

19. Who shall govern the speed of mantrips?

a. the secretary
b. the district mine inspector
c. the mine foreman
d. the mantrip operator

20. No mantrip car shall be designed in such a manner that places men under energized trolley line.

a. True
b. False

21. Where transportation of personnel is exclusively by rail, track shall be maintained to within _____ of the tailpiece on the longwall section or the nearest working face on development sections.

a. 500 feet
b. 750 feet
c. 1000 feet
d. 1500 feet

22. Where transportation of personnel is by rail and a self-propelled transport vehicle is available in the longwall section or in the face area of a development section, track shall be provided to within _____ of the tailpiece on the longwall section or the nearest working face on development sections.

a. 500 feet
b. 750 feet
c. 1000 feet
d. 1500 feet

23. When an operator wishes to extend the approved distance that track must be laid in the working sections, he can request a variance in writing to the department. If the department does not act on the request within 30 days, the request shall be deemed approved.

a. True
b. False

24. Conveyor entries shall be at least:

a. 4 feet wide for clearance and 4 feet high
b. 3 feet high and 10 feet wide
c. 42 inches high and 36 inches wide for clearance
d. there are no provisions for conveyor entry dimensions

25. Combination belt and track entries shall have at least of clearance.

a. 24 inches
b. 30 inches
c. 36 inches
d. 48 inches

26. Conveyor entries shall be kept free of electrical wires and cable for at least _____.

a. 3 feet wide
b. 4 feet wide
c. 6 feet wide
d. as wide as the mantrip

27. All cables and wires in a completed portion of a belt entry shall be placed on insulators to within 50 feet of the tailpiece.

a. True
b. False

28. Heat point sensors can be used as the primary type of fire sensors on all belts, provided that the belt was installed prior to January 3, 2009.

a. True
b. False

29. Heat point sensors shall not be used as the primary type of fire sensors on any belt in any mine that was opened after July 3, 2009.

a. True
b. False

30. Slip controls shall be placed on every belt underground, and they shall be tested:

a. every shift
b. daily
c. weekly
d. monthly

31. At all points where individuals must of necessity cross conveyor, the conveyor at the point where the crossing is made shall be so arranged that individuals can cross safely and conveniently without coming into contact with the conveyor.

a. True
b. False

32. Blowtorches are permitted in bituminous coal mines, provided that they are used exclusively in underground shop areas.

a. True
b. False