

Written Examination Pre-shift Harlan

Contestant Name _____ Team number _____

1. Circuit breakers shall be _____ for identification. (30 CFR 75.904).
 - A. ___ labeled
 - B. ___ marked
 - C. ___ checked

2. All underground high-voltage transmission cables shall be guarded where men regularly work or _____ under them unless they are 6 ½ feet or more above the floor or rail. (30 CFR 75.807)
 - A. ___ travel
 - B. ___ walk
 - C. ___ pass

3. Power wires and cables, except trolley wires and trolley feeder wires, and bare signal wires shall be insulated adequately and fully_____. (30 CFR 75.517).
 - A. ___ guarded
 - B. ___ insulated
 - C. ___ protected

4. All electrical connections or splices shall be mechanically and electrically _____ and suitable connectors shall be used. (30 CFR 75.514).
 - A. ___ made
 - B. ___ efficient
 - C. ___ strong

5. Boreholes shall be drilled in each working place when the working _____ approaches to within 200 feet of any mine workings of an adjacent mine located in the same coal bed unless the mine working have been preshifted. (30 CFR 75.388(a) (3)).
 - A. ___ face
 - B. ___ place
 - C. ___ entry

6. The directional lifeline shall be equipped with two securely attached cones, installed _____ with the tapered section pointing inby, to signify an attached branch line. (30 CFR 75.380(d)(7)(vii)
 - A. ___ consecutively
 - B. ___ together
 - C. ___ pair

7. The directional lifeline shall be equipped with one directional indicator cone securely attached to the lifeline, _____ the route of escape, placed at intervals not exceeding 100 feet. (30 CFR 75.380(d)(7)(v).
 - A. ___ signifying
 - B. ___ showing
 - C. ___ designating

8. The mine ventilation plan shall show the location where the air quantity ventilating the working _____ must be greater than 3,000 cubic feet per minute when coal is being cut, mined, drilled for blasting or loaded. (30 CFR 75.371(g))
 - A. ___ face
 - B. ___ place
 - C. ___ entry

9. The approved _____ plan and any revisions shall be posted on the mine bulletin board within 1 working day following notification of approval. (30 CFR 75.370(f)(3))
 - A. ___ training
 - B. ___ roof
 - C. ___ ventilation

10. When two or more sets of mining equipment are simultaneously engaged in cutting, mining, or loading coal or rock from working _____ within the same working section, each set of mining equipment shall be on a separate split of intake air. (30 CFR 75.332(a)(2)).
 - A. ___ faces
 - B. ___ places
 - C. ___ entries

Written Examination Pre-shift Harlan Answer Key

1. B marked
2. C pass
3. C protected
4. B efficient
5. B place
6. A consecutively
7. A signifying
8. B place
9. C ventilation
10. B places