

Truck Haulage - Best Practices Test

1. Off-road haulage trucks usually have three braking systems. True/False
2. A truck in which any of the three braking systems doesn't work properly should be immediately removed from service. True/False
3. Using the parking brake to stop a truck, which doesn't have an emergency brake, may render the parking brake unusable. True/False
4. A retarder is an acceptable substitute for the service brake. True/False.
5. The primary source of information for safe operation of a mine haulage truck is: a) annual refresher training, b) task training, c) the operator's manual.
6. An unusual noise is usually the best means of knowing that something is wrong with mechanical equipment and a mechanic should be consulted immediately. True/False
7. Any unusual feel in the operation of a vehicle should be checked out immediately. True/False
8. Increased resistance to steering control may indicate that the primary steering system has failed and the vehicle should be immediately removed from service, checked, and maintained if necessary. True/False
9. Detailed preshift inspection of mobile equipment used on the mine site: a) improves mine efficiency, reduces downtime and cuts maintenance costs, b) improves equipment operator safety, c) improves safety of other miners.

Truck Haulage Best Practices Test Answers

1. True - powered haulage trucks usually have 1) a service brake, 2) a secondary or emergency brake, and 3) a parking brake.
 2. True - MSHA requires that all braking systems be functional when a truck is in service. Each system should be inspected prior to putting the truck into use.
 3. True - therefore, if such use is required the parking brake should be immediately tested (full load on bottom of maximum grade - should not exceed 15 %) to determine if it is still functional.
 4. False - the retarder system is a dynamic (usually non-friction) brake used to control the machine's speed while operating on down grades. It is also used to assist normal braking and to reduce wear on the service brake.
 5. (c) - the operator's manual is the primary source of information for safe operation of any machine. Task training in proper operating procedures is next in importance and annual refresher safety training is important to point out hazards of a more general nature at the mine site.
 6. True
 7. True
 8. True
 9. All are correct
- 1.