

Safety Test Study Guide (reference only – do not return)

This test will be required to be completed, with a score of 100%, prior to Ride-A-Long participant being allowed to accompany train crew on property or boarding the locomotive compartment for the journey. All questions are either multiple choice or true/false.

1. Who must have a copy of the General Code of Operating Rules (GCOR) for reference while on duty?
A. Employees whose duties are governed by these rules
B. All passengers
C. The vendors in Old Town Cottonwood
2. When you are behind a train and hear three short blasts of an engine's whistle, the wise thing to do is?
A. Straddle the tracks
B. Stand clear of the track
C. Wave your hat at the engineer

Arizona Central Railroad and Verde Canyon Railroad utilize 6 whistle combinations, which is an industry standard for a related railroad. There are over 20 different whistle combinations in use across US.

3. When would train cars be left standing with sufficient hand brakes on to prevent movement?
A. Not very often
B. On weekends
C. At all times
4. When getting on and off of railroad equipment, under what circumstances must you face the direction of the equipment?
A. When you're the only one on the train
B. Always, whether the equipment is standing or moving
C. Never
5. Employees should expect the movement of the train, engines, cars, or other movable equipment on any track in either direction when?
A. At anytime
B. Never
C. Only at night
6. The use of alcoholic beverages, intoxicants, drugs, narcotics, marijuana or controlled substances by an employee is prohibited when on duty or on company property.
True or False

7. Safety on the job is the most important rule while discharging a duty.
True of False
8. It is okay to cross between locomotives, passenger or freight cars for any purpose while they are moving.
True or **False**
9. When walking around standing railroad equipment, it is smart to be alert and give yourself what distance of clearance?
A. 10 feet
B. 200 feet
C. 50 feet
10. How can the "maximum brake cylinder piston travel" be determined for a locomotive?
A. You guess
B. It is listed on the blue locomotive inspection cab card
C. It is not important

Every type of brake system has a different piston travel. Excessively long piston travel would decrease the braking effort. Too short would highly increase resulting in skidding wheels.

11. What percentage of airbrakes must be operable when a train departs from its initial terminal?
A. 100%
B. 50%
C. 25%
12. What four items must be done when leaving an unattended locomotive?
A. Remove food in the cab, set independent brake and hand brake, clean the inside of the cab windows, turn off isolation switch
B. Shut off generator switch, set independent brake and hand brake, remove reverser lever, turn off isolation switch
C. Call your wife, turn off isolation switch, remove reverser lever, sweep the cab floor

The isolation switch keeps power from going to motors –basically just like a key for a car. The reverser lever determines the direction a locomotive goes, preventing movement without an engineer in cab. This set of procedures follows RULE EO28.

13. What is essential to job safety and continued employment?
A. Obeying the rules
B. Never calling in sick
C. Helping old people cross the road

14. When tying up locomotives, how many hand brakes must be set and skates applied?
- A. A few handbrakes and a skate or chock applied to the lower end of the locomotive(s)
 - B. All hand brakes and a skate or chock applied to the lower end of the locomotive(s)**
 - C. All hand brakes and sometimes a skate

Located on back of locomotive, brakes are set and chocks are placed on lower, or downhill end, to prevent rolling.

15. Who is ultimately responsible for knowing and not exceeding the maximum authorized speed for a train?
- A. Owner and engineer
 - B. Food vendor and conductor
 - C. Engineer and Conductor**
16. Before an excursion train departs the Clarkdale depot, the number of passengers and crew on board the train must be reported from the office to the engineer.
True or False
17. As a passenger in the locomotive, it is crucial that you never interfere with the safety of the engineer and conductor and never interrupt the performance of their duties.
True or False
18. When must the engineer verify the accuracy of the speed indicator?
- A. As soon as possible after taking charge of the engine**
 - B. After the train arrives back at the depot
 - C. Never
19. When riding as a passenger in the cab of the locomotive, you may only leave your seat at what time?
- A. When the clock says 1 p.m.
 - B. When the locomotive pulls into the depot
 - C. When the conductor or engineer give you permission**
20. What authorization permits trains to occupy the main track on this railroad?
- A. 6.13 Yard Limits** We have restricted speed because of our class railroad. We are required to stop short within half range of vision of any obstruction.
 - B. *Rail* magazine
 - C. The lady on the loud speaker