

Eagle Point Railroad Engineer's Exam

(Revised) September 2018

This is an **open book quiz** that is required by the Insurance Carrier of all who operate alone on the EPRR. It is intended to ensure that everyone has read the operating guidelines and is familiar with safe operations on the EPRR. Circle the answer or fill in the blanks with the best answer according to EPRR Operating Guidelines. After taking the quiz, the administrator will grade it, and review and explain any incorrect answers with you.

1. What is your name?

2. EPRR requires a signed waiver for which people?
 - a. Passengers
 - b. Engineers
 - c. Any member or visitor to the railroad.
3. When is a conductor required on a train? (circle all correct answers)
 - a. Trains without passengers.
 - b. Trains carrying members of an educational group.
 - c. Trains with multiple carloads of passengers.
 - d. Trains carrying visiting youths.
 - e. Trains carrying members of the same family as the engineer.
4. What are the maximum speeds for safe operation?
 - a. 10 mph on mainlines, 5 mph in yards.
 - b. 4 mph on mainlines, 2 mph in yards and 1 mph on bridges.
 - c. 6 mph on mainlines, 4 mph in yards, and “dead slow” on high bridges and fills.
5. What are engineers responsible for? (Circle all correct answers)
 - a. Monitoring the overall condition of the equipment in their train.
 - b. Reporting any defective club equipment or track on the white board in the depot.
 - c. Ensuring that equipment in a train remains coupled.
 - d. Safe operation of their train.
 - e. Removing defective equipment from their train.
6. What are conductors responsible for? (circle all correct answers)
 - a. Proper weight distribution of passengers on riding cars.
 - b. Monitoring passengers for safe conduct.
 - c. Signing up visitors to be members of CSME.
 - d. Protecting the rear of the train if it is necessary to stop on the mainline.
7. What are acceptable alternatives to safety chains on equipment? (circle all correct answers)
 - a. Drawbars
 - b. Automatic air brakes
 - c. Reliable knuckle couplers
 - d. Link and pin couplers
8. How quickly must an engineer be able to stop his or her train?
 - a. Within 25 feet.
 - b. Within 50 feet or half their sight distance, whichever is less.
 - c. Within 100 feet, when running fast on straight track.

9. Two or three trains may travel together as separate sections if (circle all answers that are true).
- Never
 - They stay within sight of each other.
 - Their speed is less than four mph.
 - The lead engineer acknowledges with the other engineer(s) that they are travelling together.
 - The lead engineer indicates the number of following sections to the engineer of an opposing train.
10. What does a red block signal indicate?
- Proceed with caution.
 - There is a derailment ahead.
 - Wait for another train, coming in the opposite direction, to clear the block to green.
11. What does a yellow block signal indicate?
- Proceed with caution.
 - There is a derailment ahead.
 - Wait for another train, going in the same direction, to clear the block to green.
12. What should you do if you encounter a red or yellow signal that is not cleared after five minutes or more? (Circle all correct answers)
- Proceed slowly, being prepared to stop.
 - Clear the block using the red post across from your signal, and proceed normally.
 - Send someone ahead (if available) to verify that the block is unoccupied, and have them clear the block. However, they should not walk across bridges.
 - Blow your whistle three times.
13. When is it OK to stop your train? (circle all correct answers)
- On passing sidings or side tracks
 - On the mainline, due to a derailment or track congestion
 - On the shop loop, to take water or load passengers
 - To load or unload passengers at the depot.
 - On the shop loop, to back into the yard, the wye or the car barn, or to line turnouts
14. When should block signals be used?
- During operating sessions
 - During card order sessions
 - At all times
15. What do the different color buttons on the posts **control**? Match number to color.
- | | |
|---------------|--|
| <u>Green</u> | <u>1. Release the block you are leaving</u> |
| <u>Orange</u> | <u>2. Capture the block you are entering</u> |
| <u>Red</u> | <u>3. Control motorized turnout ahead</u> |
16. What should the engineer do after being stopped on the mainline (for example, after a derailment)?
- Proceed normally.
 - Proceed slowly, being prepared to stop.

Exam Scored by _____ Date _____

Familiarization ride supervised by _____