

Attachment C6 – Mine Escape/Longwall Mining participants: Pre/Post-Training Knowledge Test

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Circle all of the correct letters.

1. If an emergency occurs on the working section, you should immediately do which of the following?
 - a) Call outside to the communications person and report the incident.
 - b) Back equipment out of the faces and hang line and check curtains.
 - c) Gather all miners on the section and do a head count.
 - d) Immediately don your SCSR.

2. If there is a small or smoldering fire on the section, you should do which of the following?
 - a) Connect fire hose at the section fire hydrant and put out the fire.
 - b) Grab one or more fire extinguishers and use them to extinguish the fire.
 - c) Call outside to report it and begin evacuating the section.
 - d) Leave several miners on the section to fight the fire while others escape.

3. In a mine emergency on your section, what should you do?
 - a) Walk out the primary escapeway.
 - b) Go to the mantrip and ride out.
 - c) Walk out the secondary escapeway.
 - d) Go to the refuge alternative.

6. Before leaving the section what are three things you should take with you?

4. After the emergency takes place, you check your multigas meter and see the following readings: Oxygen 20.0%, CO 15 ppm, Methane 1.1%. In a few minutes, your meter alarms. You note the readings are now: Oxygen 19.1%, CO 93 ppm, Methane 2.8%. What should you do?
 - a) Change the ventilation on the section to reduce the methane to below 1.0%
 - b) Immediately don your SCSR.
 - c) Have another miner check the atmosphere in case your multigas meter is malfunctioning.
 - d) Call outside and report the changes in the gas readings.

5. Your crew starts to escape on foot and one miner twists his ankle when he steps on a piece of coal. What should you do?
 - a) Continue your escape, helping the injured miner walk and take them with you.
 - b) Take the injured miner to the refuge alternative where he can wait to be rescued.
 - c) Take turns carrying the injured miner on a stretcher as the group escapes.
 - d) Leave the injured miner behind.

7. Before leaving the section, what are three things you should do?

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8. How would you decided whether to ride or walk out of the mine in an emergency?

9. How would you decide which escapeway to follow as you escape the mine?

10. What decisions might you have to make if you need to evacuate your working section or the mine?