

Virginia Mining Association's
2012
Governor's Cup
Mine Rescue Contest

Friday June 1, 2012
Southwest Virginia
Community College
Activity Field

Statement

Thank you for responding to our emergency. Yesterday, the 8 men on the evening shift entered the mine to begin a normal production shift on the section known as the 3rd Right Connectors. At approximately 11:30 PM, the outside man reported a sudden blast of air from the portals. All attempts to contact the section have failed. The 3 men that were working outby attempted to reach the section before they evacuated but they were forced out by smoke and carbon monoxide.

The first mine rescue members entered the mine at approximately 1 AM this morning. Since that time, they have been systematically exploring and ventilating in order to reach the section. Something on the 3rd Right Connectors section is preventing the tracking system from reading there now but at 11:29 PM last night that is where the coal crew was located and that is where you will be working. Be careful. There are old works in the area that are in the seam above us. Sometimes the distance between the seams gets narrow and the top gets really bad.

The mine is ventilated with a blowing fan. The 3rd Right Connectors section has its intake coming up #1, return down #3, and #2 is neutral. The surveyors were here yesterday on day shift to update the map but I am not sure if they completed the maps. As the teams were exploring and ventilating, they had us stop and start the fan several times. This has caused some problems and the fan is off right now and being worked on. If you need it, we should be able to start it but if we get it going, but it will have to remain running and you cannot stall it. All other power is currently off and it and the portals are being monitored. Be safe and good luck.

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PROBLEM

- Locate and rescue all survivors
- Explore all areas of the mine that you can safely
- You must complete the problem in 80 minutes or less. You will be given a warning when you have 10 minutes left.

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Refuge Alternative Patient Statement

Get me out of here!!

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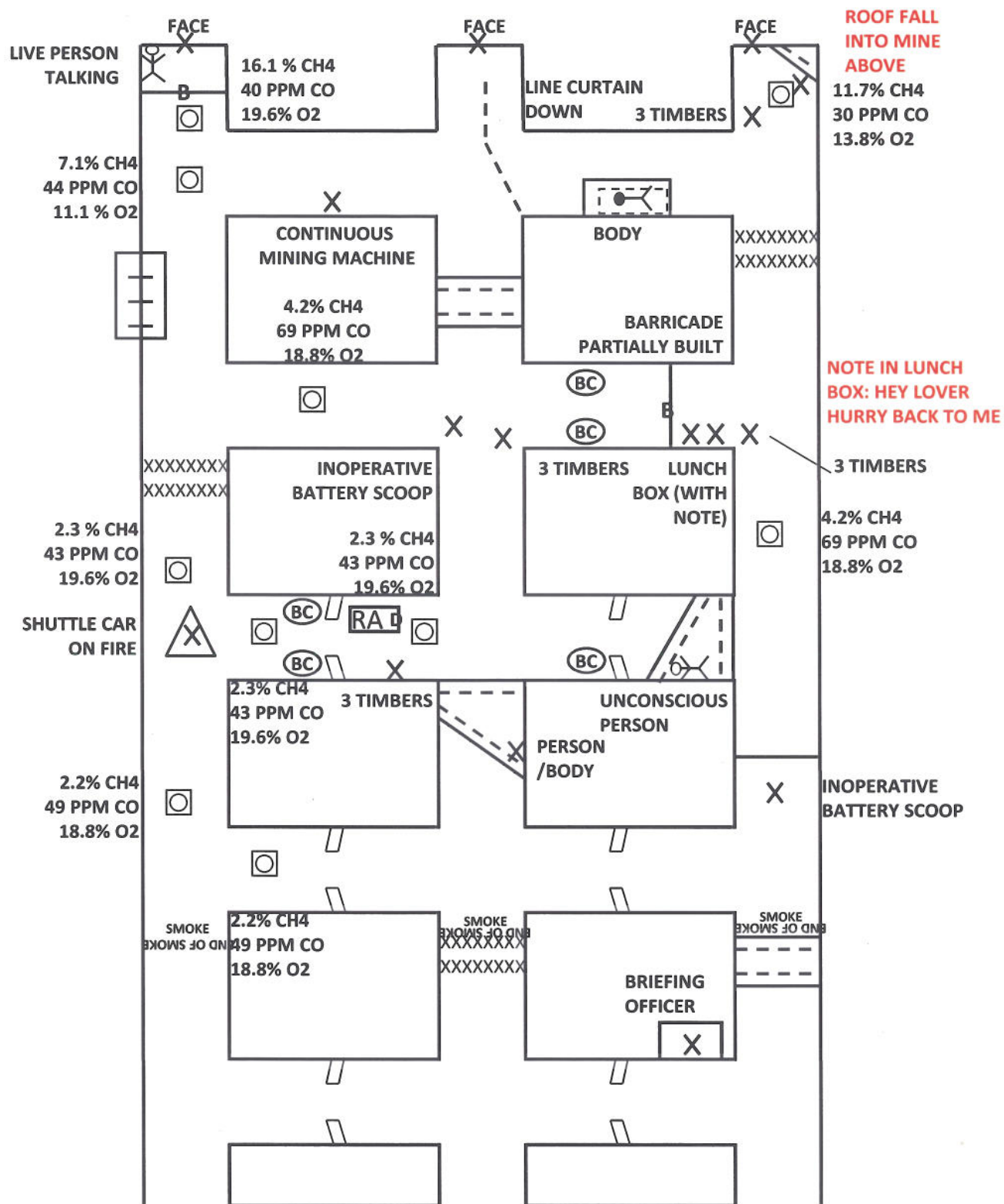
Barricade Patient Statement

Help! I can't breathe in this little airtight space!

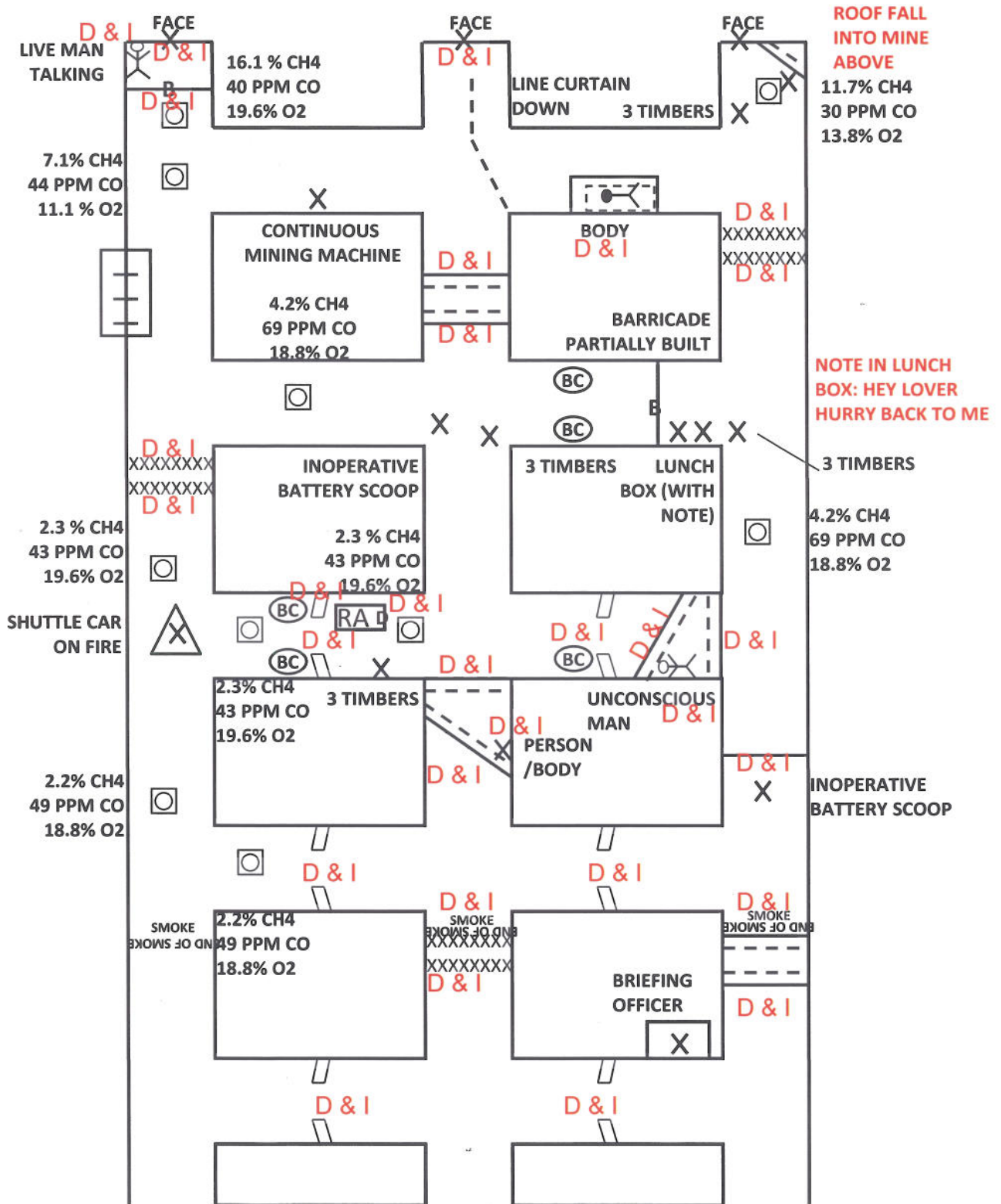
Key Points

- Entire mine is full of smoke except for behind barricade in #1. Team members must stay on line and patients cannot be moved in smoke without a breathing device. Barricade and RA must be ventilated.
- After making stops 1-4, the teams may elect to take a curtain to the temporary stopping in 3 and go through.
- Each time the team finds timbers they must timber to the person they are tied to before the tail captain passes the location where the timbers were found. (Rule 42 C 1)
- Top end in #3 is a quitter. (Rule 31 B) No one may pass the gas placard. If team makes back side of caved before making it to the gas that is ok. If they make the gas before the caved, then they cannot make it and must FPA there also. However, they must timber and D&I the body in the unsafe. (Rule 32)
- They might go through fire area a lot and the captain has to roof test it each time before a team member goes through.
- Must ventilate RA before making LOCC or it's delay.
- Must ventilate barricade in 1 after making top end #2 and finding body in cross-cut.

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