

# ***2023 Virginia Governor's Cup Mine Rescue and Safety Skills Competition***

**Met Coal Producers Alliance, Virginia Energy &  
The University of Virginia's College at Wise  
Wise, Virginia**



**Bench, Preshift & First-Aid Wednesday May 31<sup>st</sup>, 2023  
Mine Rescue Thursday June 1<sup>st</sup>, 2023**

***The University of Virginia's College at Wise  
1 College Avenue • Wise, VA 24293***

## 2023 Gov Cup Written Statement Instructions

Thank you for responding to our emergency. You will begin in the fresh-air-base of the Coal Makes Steel #1 mine. The fresh-air-base was established by a previous team and all areas outby the fresh-air-base are safe to ventilate through.

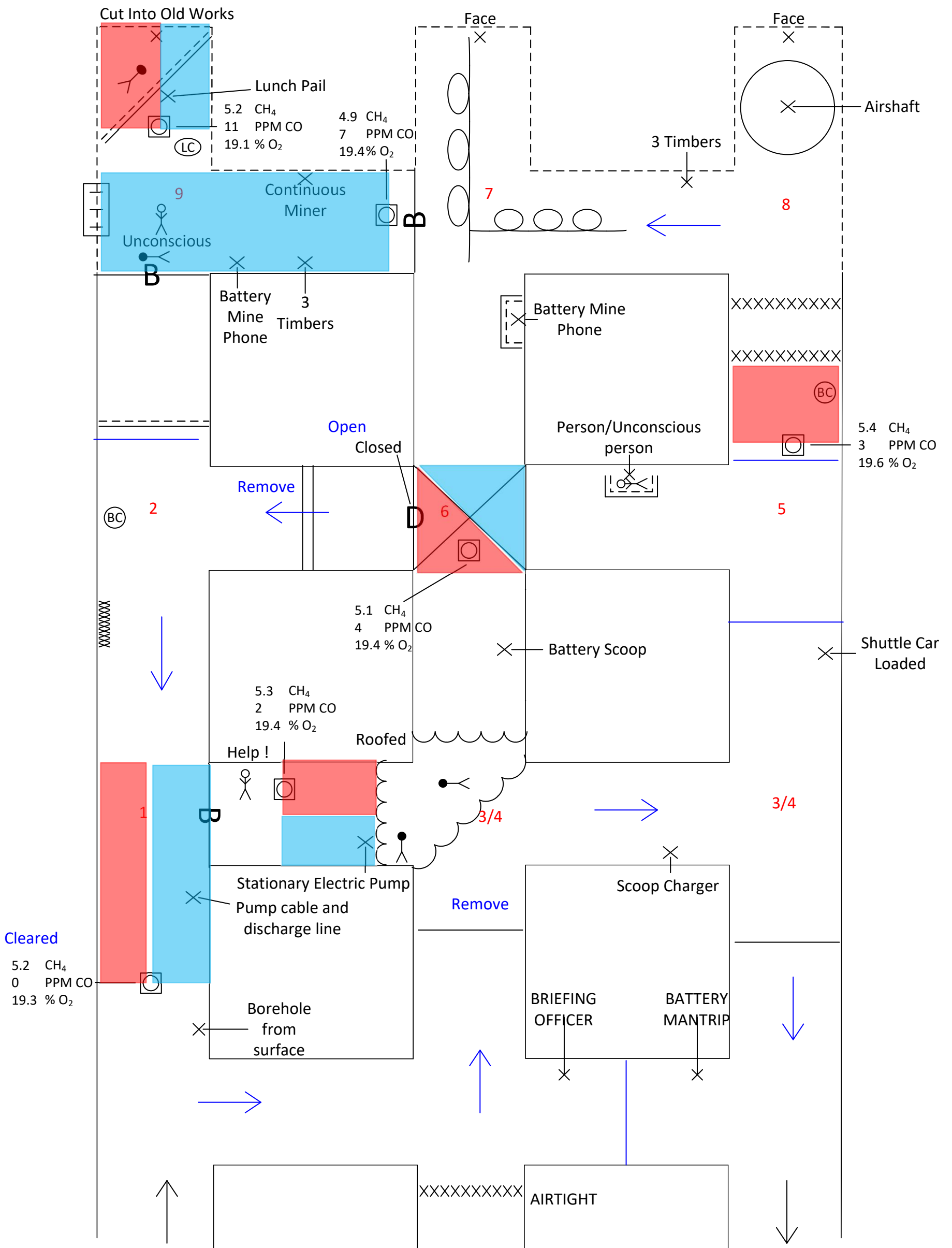
The mine is ventilated with an exhaust fan and air normally intakes in the No.1 entry and exhausts out the No.2 and No.3 entries. Air is short circuited at the fresh air base. Development has been advancing toward a new air shaft. Any power you need energized can be done by the command center attendant or contest officials.

Last night at 12:01 AM, eight miners entered the mine to perform maintenance on the working section. At 2:00 AM, one of the miners exited the mine. He stated there had been an ignition and he was unable to locate his buddies. Subsequent attempts to contact the miners have been unsuccessful. The mine has a history of methane, bad roof, and water. The mine maps are not up to date and there are old works nearby. State and Federal agencies have been notified and are present. A backup mine rescue team is also present. Two blank maps and the problem's written instructions will be provided when you are ready to begin working.

## 2023 Gov Cup Written Problem Instructions

- Account for all missing miners
- Explore all areas of the mine that can be safely accessed
- The mine fan cannot be stopped, stalled, or reversed
- A time limit of 90 minutes has been established for this problem. The team will be advised 10 minutes prior to this time limit expiring.





\*Must be built in FAB before stopping beside the overcast is removed or gasses in 1 go over BO and battery

\*Permanent stopping and stopping in #2 must be removed before stopping in 3 is built or stall fan