

Southern WV Mine Rescue Association 63rd Annual Mine Rescue, First Aid, Bench & Preshift Contest



August 27th - 30th 2018

Day 2

Problem Statement

Good morning and thank you for responding to the South Bend Black Gold Mine in such short notice. This morning around 7 A.M. we received a call from the foreman and he said they had encountered a heavy amount of water rushing in on the section from the face and that he and the two miners working with him were in the process of evacuating. That was the last we heard from them and they haven't made it out.

The mine has a history of unstable roof conditions and methane. The mine has an exhausting fan with a split shaft in fresh air base in #3 entry. The left side of the shaft is the intake and the right side is the exhaust. There is a refuge alternative located one break in by the fresh air base. Backup teams are available and in place. Federal and state agencies have been notified.

Please hurry to help our miners get out safely. Be careful and good luck.

Day 2

Written Instructions

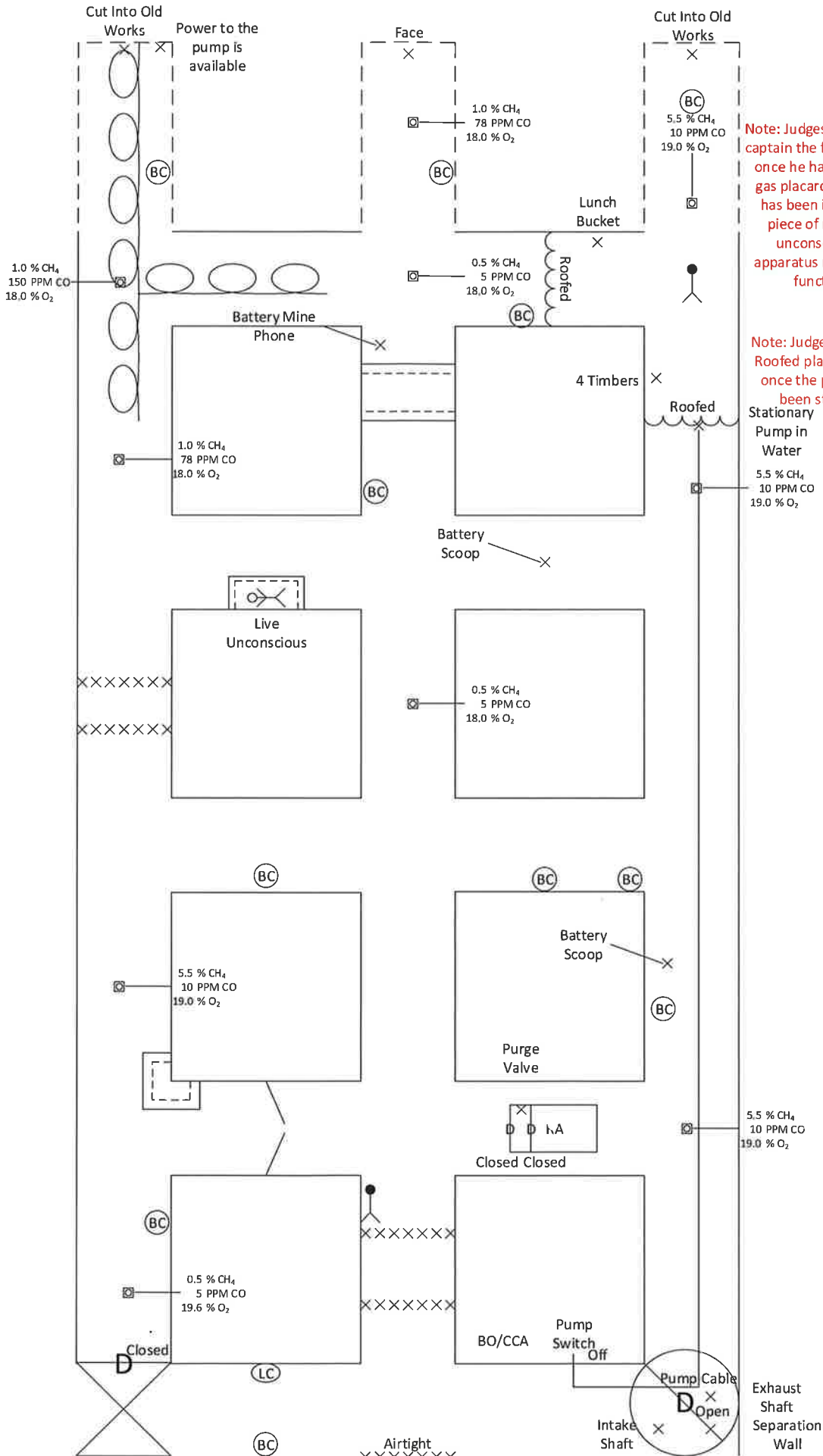
- Explore all areas of the mine that can be explored safely.
- The fan is currently off but can be turned on when requested by team.
- Any equipment requested by the team to be energized will remain energized throughout the remainder of the problem.
- Power to the pump is not available at this time. You will be made aware once power is restored.
- Once the fan is turned on it cannot be stopped, stalled, or reversed.
- Timbers can only be transported when use is required.
- Once all missing persons are found, clear all areas of the mine for bare faced exploration that can be done so safely.
- The mine map is not up to date.
- 70 minute time limit.

Day 2

Judges Information

- Once the team turns the stationary pump on, you will need to flip the roofed placards over in the #3 entry in by the #3 crosscut and in the #4 crosscut between #2 and #3 entries.
- Once the Captain flips the gas placard in by the last open break in #3 entry, hand him the note that states "Map man has been injured by a piece of rock and is unconscious. His apparatus remains fully functional". The map man must then be transported out on the stretcher with his apparatus on.
- If the team ventilates any gases or smoke in by the #4 cross cut, they are not following written instructions.
- Make sure all placards that are in and in by the #4 crosscut are face down to begin the problem. The team will flip the placards when they discover them.
- 70 minute time limit.
- Give the team a 5 minute warning at 65 minutes.

Day 2 Key Map

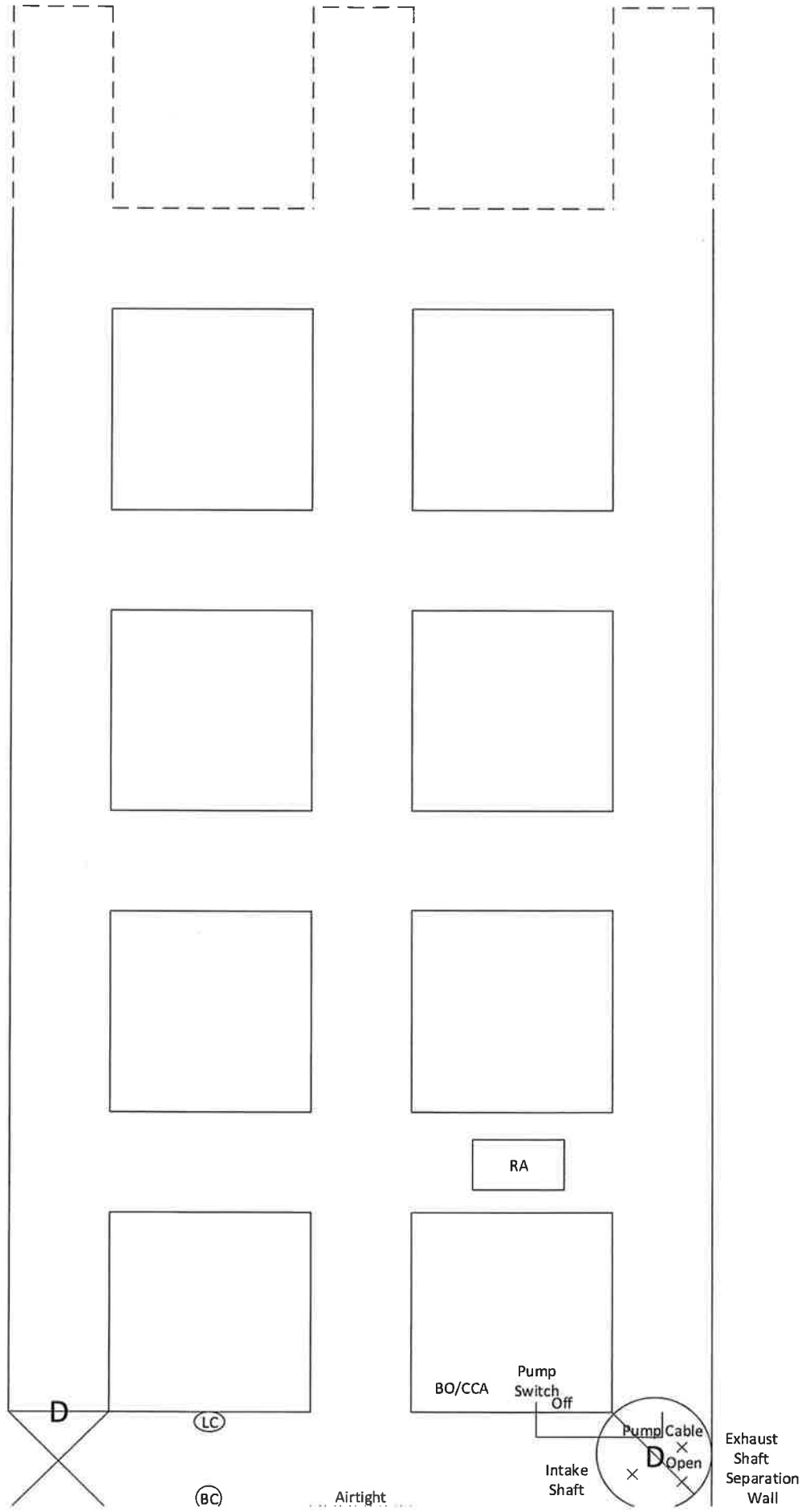


Note: Judges will hand the captain the following note once he has flipped the gas placard. "Map man has been injured by a piece of rock and is unconscious. His apparatus remains fully functional"

Note: Judges must flip Roofed placards over once the pump has been started.

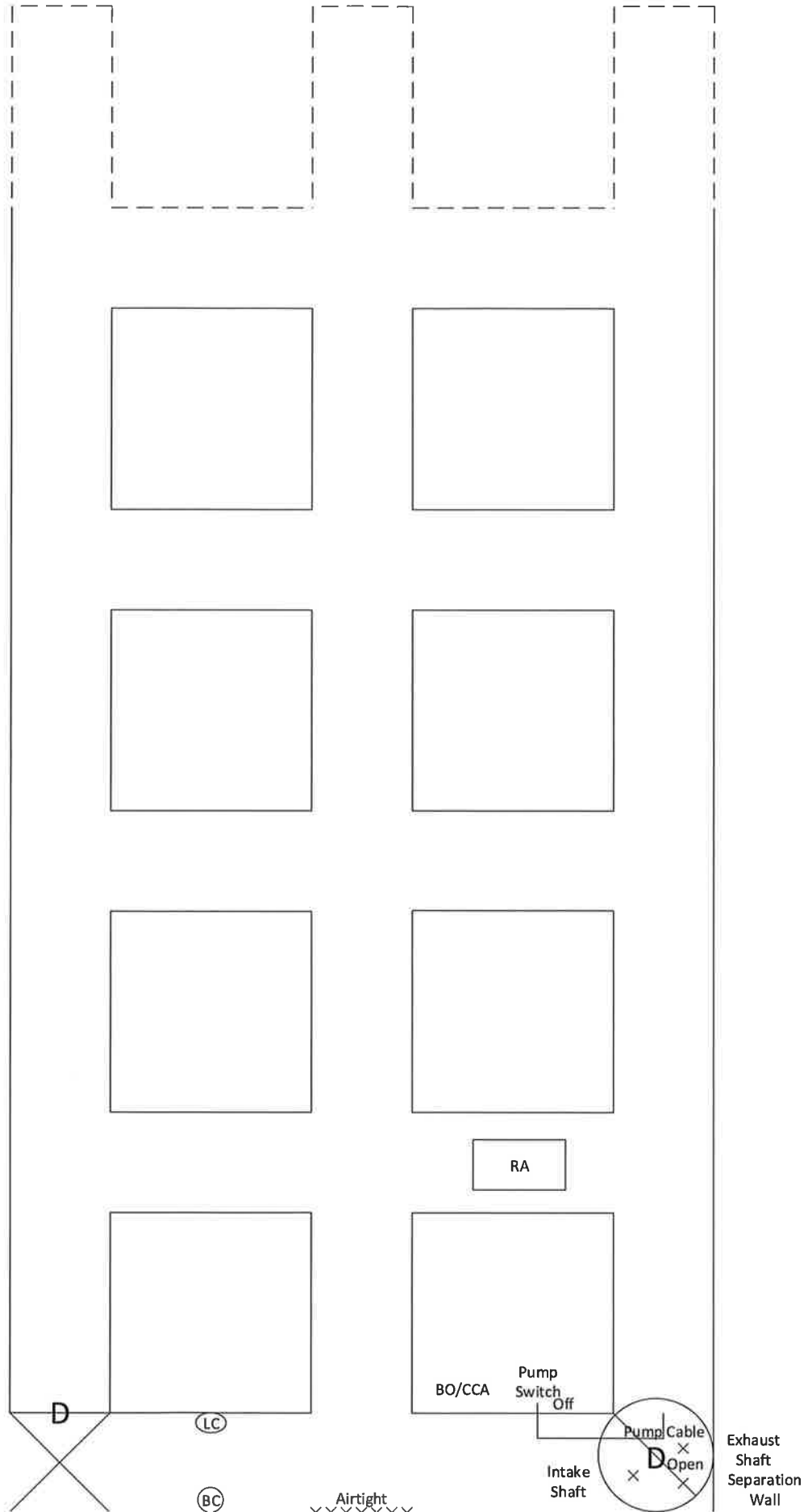
Team Map

Team Working Order # _____

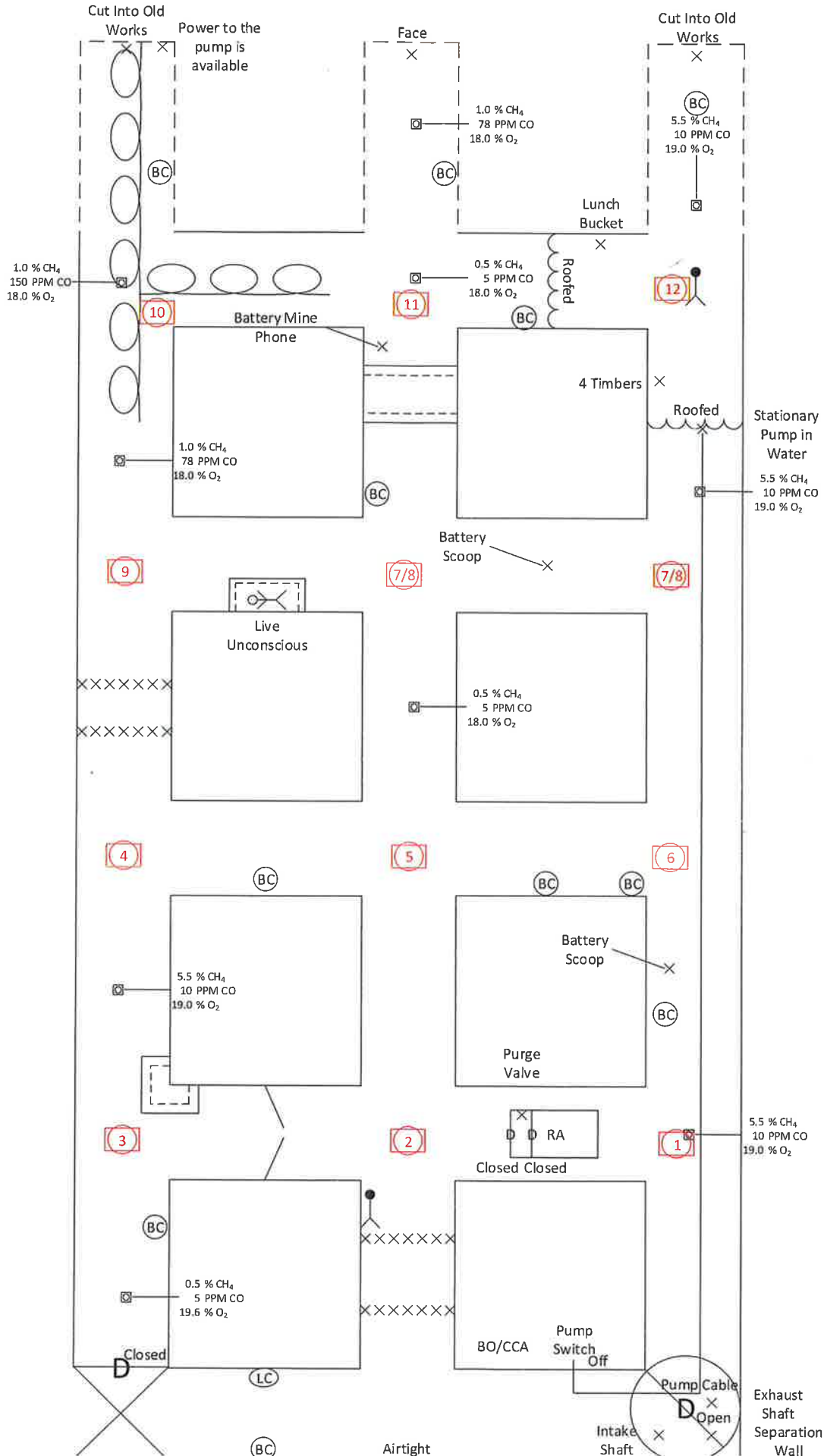


BO Map

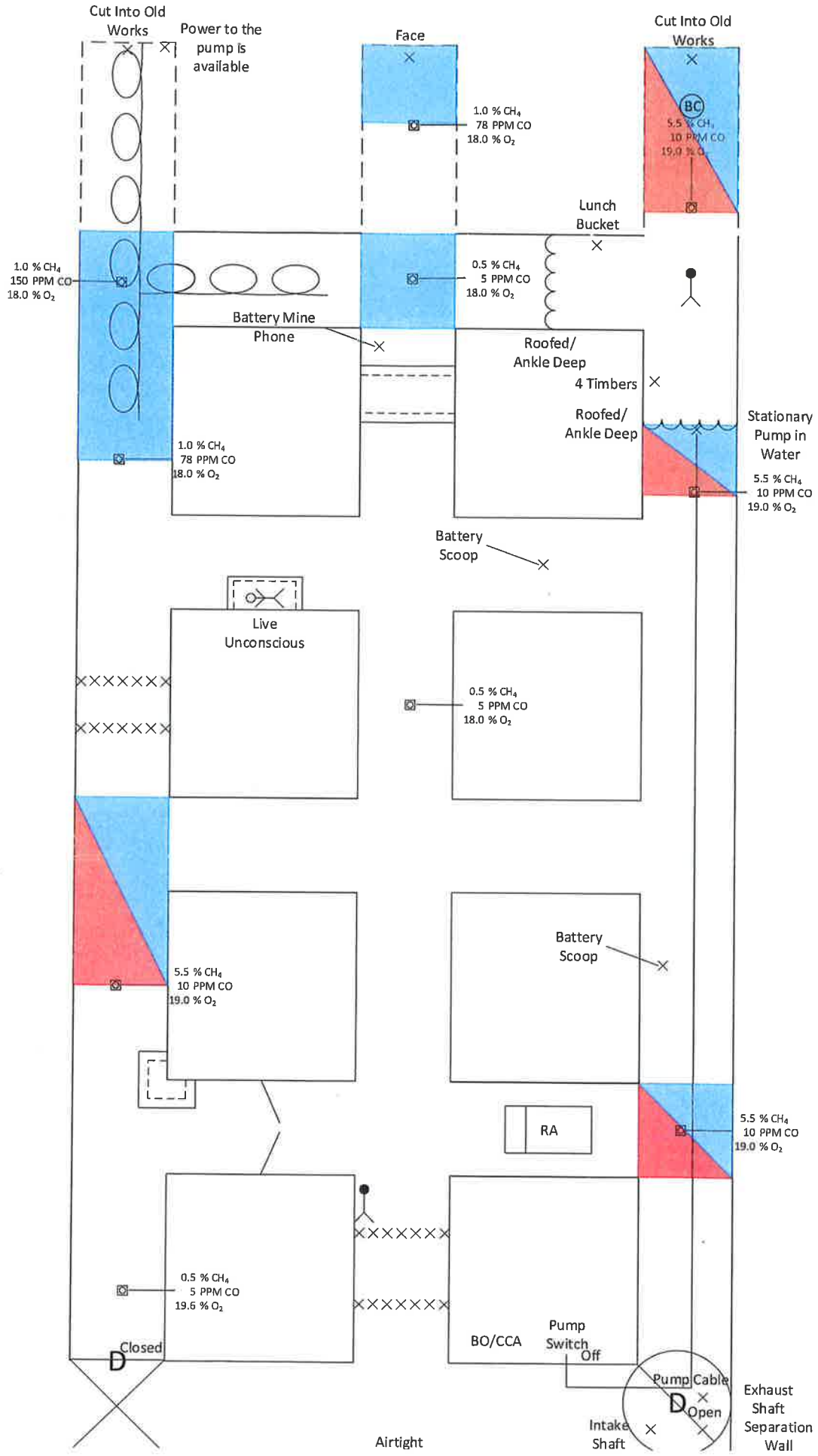
Team Working Order # _____



Day 2 Team Stops



Day 2 Extent of Gases



Day 2 Final Vent

- _____ Team Members Initials
- _____ Judges Initials
- _____ Team Working Order
- _____ Team Name
- _____ Condition of Pump
- _____ Condition of Fan

