

Contestant Briefing

- Hello I am _____ and this is _____. You are to conduct a Pre-shift examination of the Bee No. 1 head gate section, for the oncoming day shift crew. This section is developing 3 entries in preparation for the Crumpton No. 1 longwall panel. The No. 1 entry is the primary escapeway/travelway, the No. 2 entry is the conveyor belt line and the No. 3 entry is the return air course, which is used for the alternate, secondary escapeway. The mine has not produced coal on this section in the past 3 days. This mine has a long history of accumulations of water and produces 17 million cubic feet of methane in a 24 hour period.

Judges Information

- Show the contestant the check in and check out board and stop watches
- Point out to the contestant the entries
- When contestant is ready give them the blank map, vent map, plan page and written instructions. 5 minute review time starts then
- If for some reason the contestant don't knock power before clearing the face of No. 3, discount them under rule 15
- Please gather all hazard cards the contestant lays down and put them in packet
- Phone is working if contestant checks it

Last Open Return Air Reading

Reading if doors are closed, the check curtain is installed between 1 and 2 entries in 2nd open and check curtain is installed behind tail piece.

18 feet wide by 6 feet high

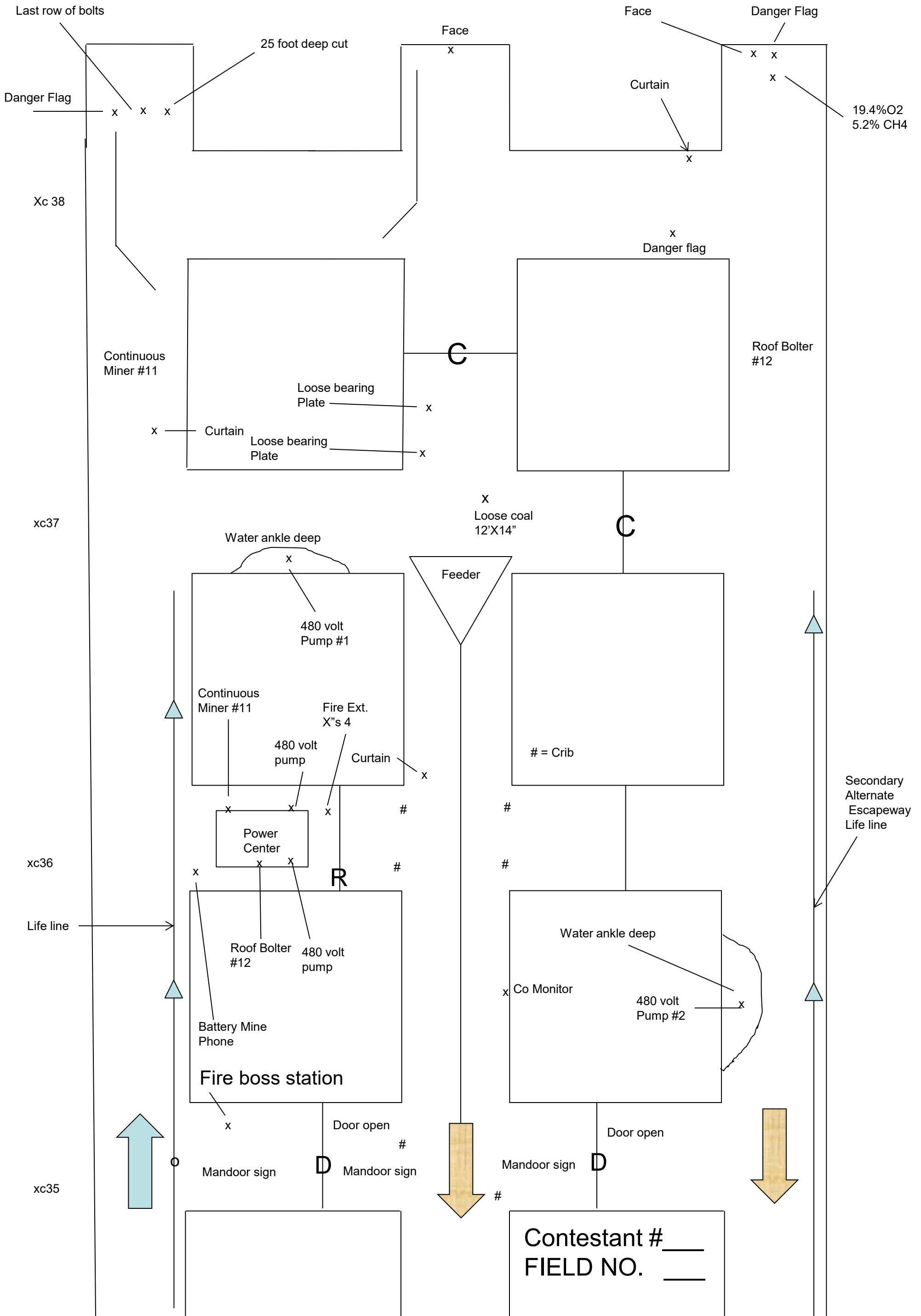
537 FPM

Reading if contestant don't have both doors closed, check curtain up between 1 and 2 entries in 2nd open and check curtain installed behind tail piece.

18 feet wide by 6 feet high

400 FPM

Field Lay Out Map



Written Instructions

- You must verbally identify to the judges all hazardous conditions you find.
- The incoming power must remain on the section power center unless conditions warrant it to be de-energized
- Power must remain on the pumps unless conditions warrant it to be de-energized

Mine Plans

Ventilation Plan

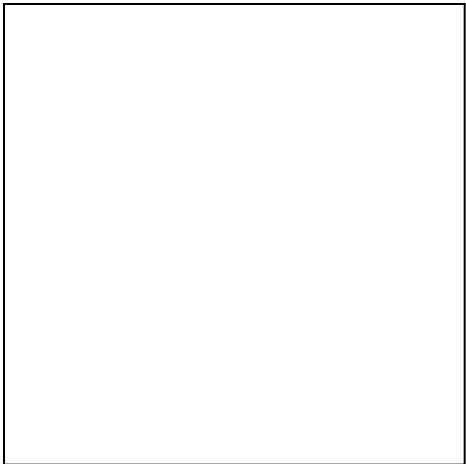
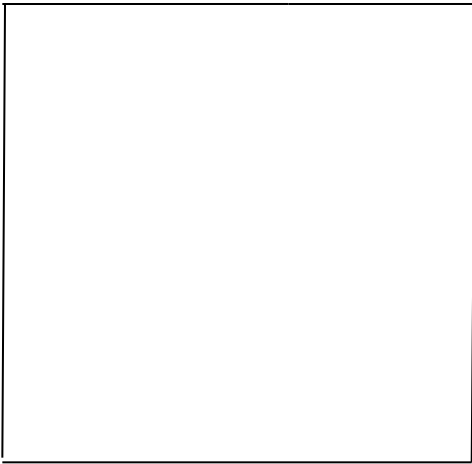
- Curtains must be maintained to the last row of roof bolts
- Blowing line curtains are to be used
- Belt air is to go outby
- 50,000 CFM maintained at return stopping line last open cross cut

Roof Control Plan

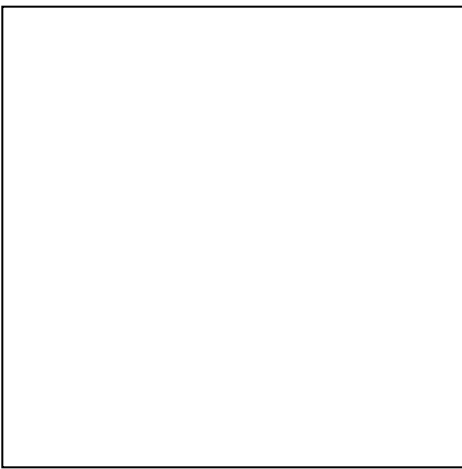
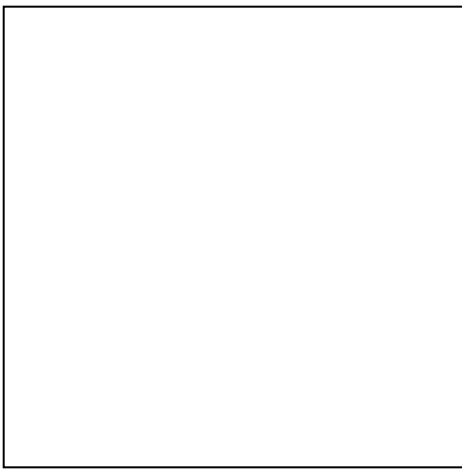
- Maximum cut depth is 20 feet
- All places bolted with in 24 hours
- Maximum width is 18 feet
- 4 Cribs must be installed in all intersection along the conveyor belt line

Contestants Map

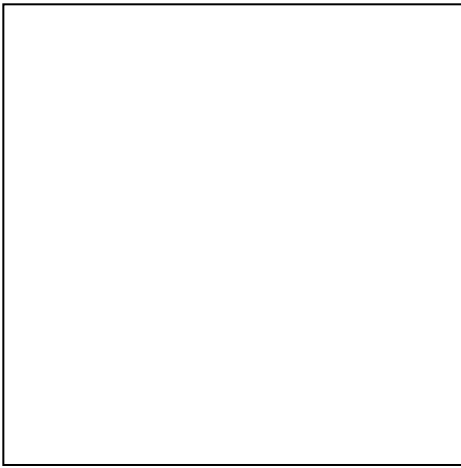
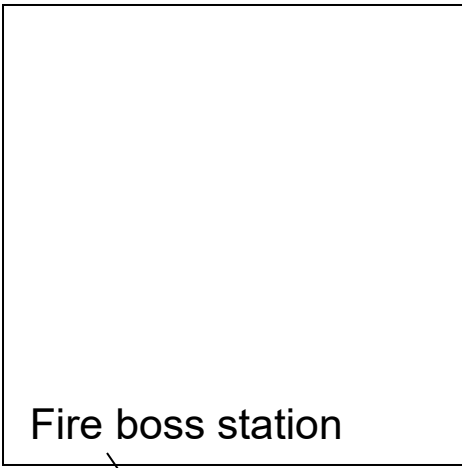
38 cross cut



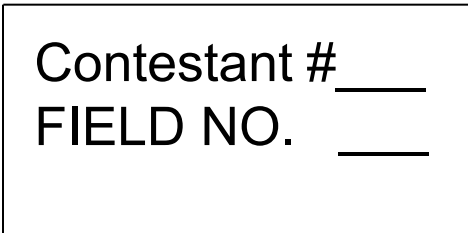
37 cross cut



36 cross cut



35 cross cut



Ventilation Controls Required by vent plan

