

Judge's Instructions

1. Show the contestant the time clock and the check in/out board.
2. Provide contestant with the blank map, written statement, and ventilation and roof control plans. The contestant has 5 minutes to review the plans prior starting the clock and the underground portion of the contest.
3. Show the contestant the Main Haulageway and which area he or she is to pre-shift. Entries are labeled left to right facing inby.

For taking the air reading on the section, give the contestant the following information:

Width =	20 feet	
Height =	8 feet	CORRECT LOCATIONS
Velocity =	166 fpm LOX	

If the contestant travels through over knee deep water, **(this endangers contestant)**. The vent device must be extended in the #1 entry to vent the face. **To vent the #3 face with line curtain the check curtain must be installed. To take a proper LOX and evaluate section air the check curtain must be installed in cross cut #2 to #3 entry at xc #3.** If contestant does not take an air reading in the proper location for the LOX; **deduct for improper location.**

Provide the contestant the following gas reading for the outby areas 0.0% CH₄ and 20.9% O₂.

Contestant must simulate taking the air reading for 60 seconds.

Contestant can correct following hazards; de-energize non-permissible pump in #1 entry, no fire extinguisher at pump by de-energizing and stating locking and tagging out pump, powder mag cleared by de-energizing pump within 25 feet of pump cable; three sticks of powder; move to powder mag., advance curtain in #1 face, move AMS up #2 entry, move life line up #2 entry, stop bolting process and install curtain for roof bolters #3 entry

Contestant will report rock dust pod in #2 entry, check curtain xc #2 entry 2 to 3, over knee deep water #1 entry, missing balls on life line for stopping with door.

The contestant will have 30 minutes to work the problem. Notify the contestant when 1 minute remains.