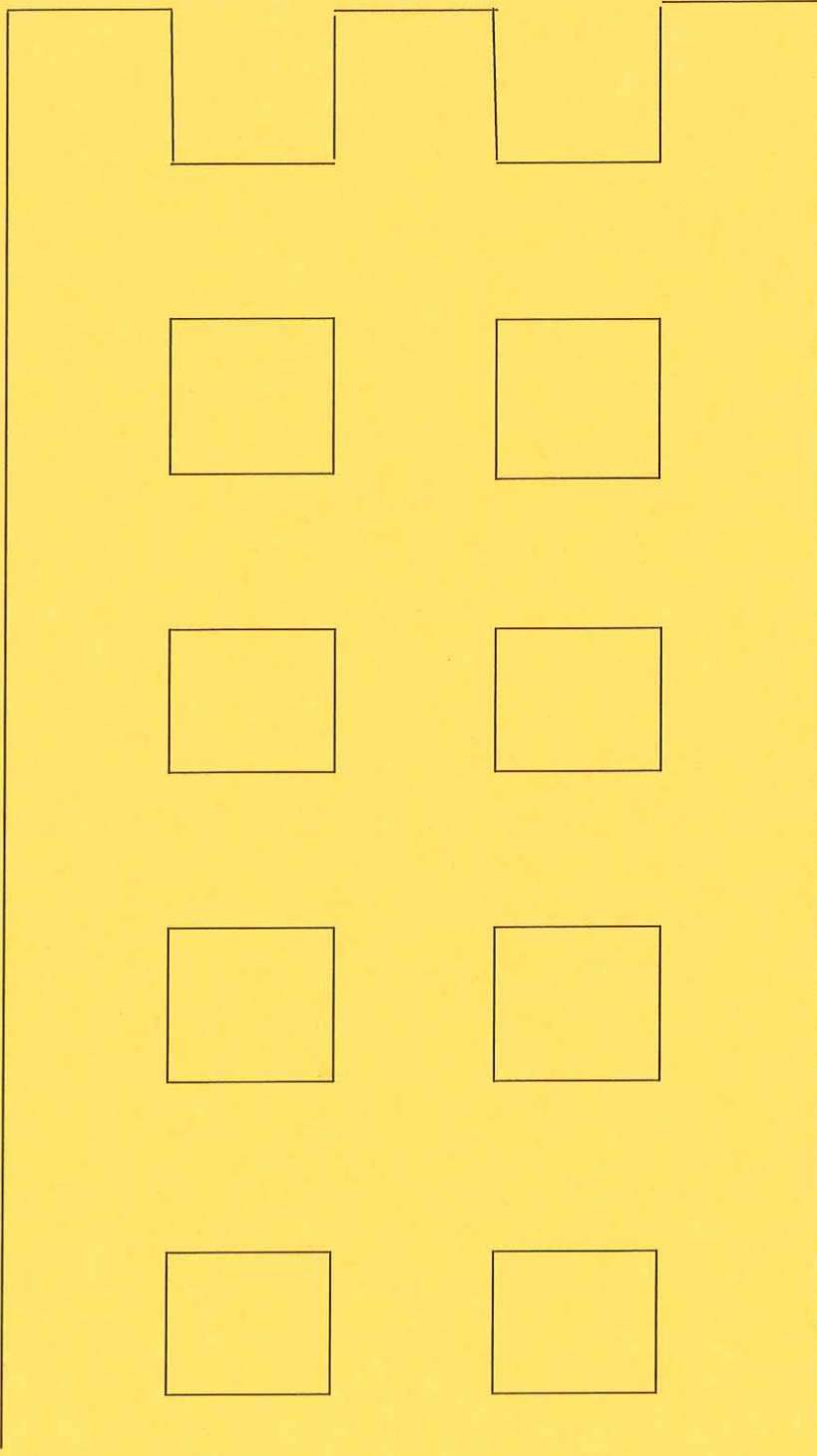




CONTESTANT STATEMENT

You have been assigned to do a pre-shift examination of the 003 section. This includes all entries #1 through #3 inby the Mains. Entries are 20-feet wide by 8-feet high. The mine has a history of methane. Energizing / de-energizing equipment is handled through switches. All actions must be verbalized to the Judges. Gas readings and air readings will be handled through the Judges.

Contestant Map



PRICE, UTAH PRESHIFT CONTEST – 2012

CONTESTANT: _____ WORKING No.: _____

JUDGES INSTRUCTIONS

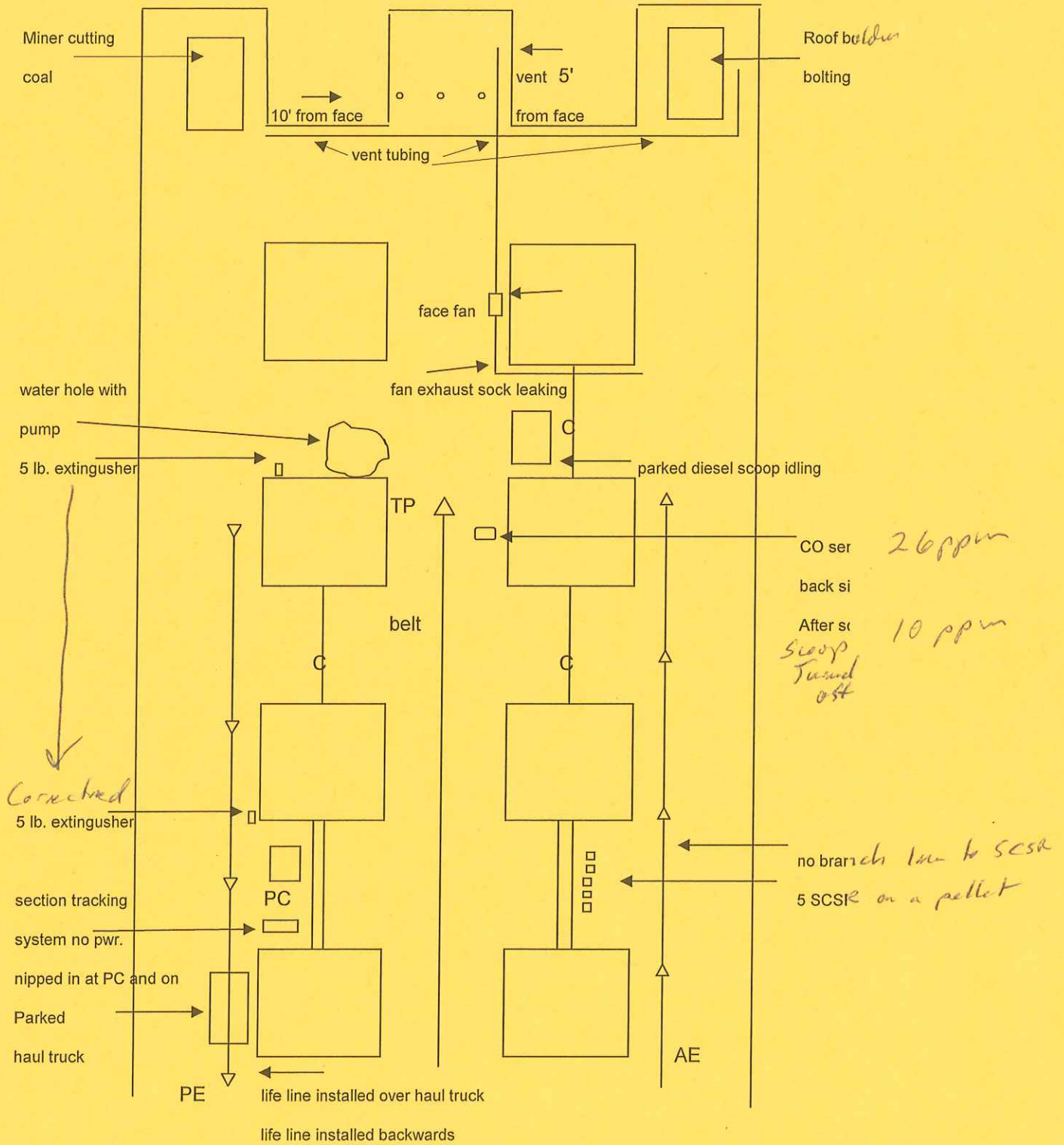
1. Show contestant time clock and check in/out board. Contestant only has to hang tag on board and does not have to sign and date board.
2. Contestant must provide own distance measuring device, tool apron, blank index cards, pen/pencil, paper, clip board, anemometer, watch, roof testing device, and detector.
3. When contestant is ready, provide him/her with the blank mine map, statement, and ventilation and roof control plans. Contestant has 5 minutes to review these and cannot travel into the mine until the clock is started. **THE 5-MINUTE REVIEW IS DONE WITH THE CLOCK NOT YET STARTED.**
4. Contestants have 30 minutes after starting clock to complete the problem. Judges will notify contestant when 1 minute is left.
5. Don't take contestant back on field after clock is stopped & don't discuss discounts.

JUDGING INFORMATION

OUTSIDE

CHECK IF DONE

START CLOCK.....	_____
CHECK IN.....	_____
CHECK SCSR.....	_____
CHECK GAS DETECTOR (Must be left on during problem).....	_____
CHECK IF CONTESTANT HAS REQUIRED EQUIPMENT	
SAFETY CAP.....	_____
SAFETY BOOTS (not shoes).....	_____
MINING BELT w/ID TAG THAT MATCHES CHECK-IN TAG.....	_____
MSHA APPROVED CAP LIGHT (must work but can be left off)....	_____
SCSR.....	_____
ANEMOMETER.....	_____
WATCH.....	_____
MSHA APPROVED GAS DETECTOR (must be left on).....	_____
ROOF TESTING DEVICE.....	_____
DISTANCE MEASURING DEVICE.....	_____
TOOL APRON	_____
BLANK INDEX CARDS.....	_____
PEN/PENCIL/MARKER.....	_____
PAPER.....	_____
CLIPBOARD.....	_____



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 =	19 feet
Height =	8 feet
Velocity =	188 fpm LOX

CORRECT LOCATIONS

If the contestant tries to move back vent device in #2 face, (this endangers contestant). The vent device must be extended in the #1 entry to vent the face. If contestant does not take an air reading in the proper location for the LOX; deduct for improper location.

Contestant must state they are calling out to surface for zone change and tracking of them self. (deduct for not following intent of the problem)

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; life line in #1 entry re-install end for end and while doing so install around haul truck or move haul truck, move 5 lb. extinguisher at water hole to PC, extend tubing in #1 face, turn off power to face fan #2 entry, turn off diesel scoop #2 entry, upon turning off diesel scoop the CO at sensor goes down and on back side is 10ppm turn over placard.

Contestant will report for correction the tracking power system, last row of supports, vent device inby last row of supports, check curtain belt to return. SCSR storage and branch line to storage.

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

JUDGING INFORMATION

GAS TESTS & DTI's

	TEST MADE	DTI TEST
No. 1 Entry (anywhere in entry).....	_____	_____
No. 2 Entry (anywhere in entry).....	_____	_____
No. 3 Entry (anywhere in entry).....	_____	_____
No. 1 Face	_____	_____
No. 2 Face.....	_____	_____
No. 3 Face	_____	_____
Section Power Center	_____	_____

ROOF TESTS (verbally state visual exam in each entry)

TEST MADE

No. 1 Entry.....	_____
No. 2 Entry.....	_____
No. 3 Entry.....	_____

HAZARDOUS CONDITIONS (verbally identify)

IDENTIFY

No. 1 Entry

Life line over haul truck (can re-install end for end).....	_____
Life line installed backwards (move life line).....	_____
Tracking system (Danger card and DTI).....	_____
5 lb. extinguisher at power center (move 5lb. extinguisher by water hole to power center).....	_____
Ventilation device back from face (extend device)	_____

No. 2 Entry

CO sensor high reading action level, (turning off scoop clears).....	_____
Diesel scoop idling and parked (turn off scoop).....	_____
Face fan discharging into intake air (turn off).....	_____
Last row of bolts over 5 feet from face,(danger & DTI).....	_____
Vent device installed inby last row of supports (danger & DTI). _____	_____

No. 3 Entry

Check curtain not stopping belt to return XC#2 (danger & DTI). _____	_____
SCSR's not in proper storage container, (danger & DTI)	_____
No branch line to SCSR storage container, (danger & DTI)	_____

AIR READINGS (Entries & XCs are 19' wide X 8' high) CORRECTLY TAKEN

188 fpm - LOX between Nos. 2 & 3 Entries

NOTES:

1. Must take air readings for 60 seconds.
2. Not taking LOX air reading in proper location. Rule 9.
3. Contestant may use either anemometer held in proper direction of air flow.
4. Not taking a total LOX air reading noted above. Rule 7.
5. If placard not present at required gas test location, O₂ = 20.9%, CH₄ = 0.0%.
6. If contestant travel beyond roof bolt to fix move vent device in #2 face, contestant endangers self. Rule 16

VENTILATION PLAN

1. Ventilation devices shall be maintained to within 10 feet of the face.
2. Permanent ventilation (stoppings) shall be maintained up to and including the fourth connecting crosscut.
3. Air Quantities Required

Working Face	12,000 CFM
Idle Face	3,000 CFM
Bolting Face	5,000 CFM
Last Open Crosscut	20,000 CFM

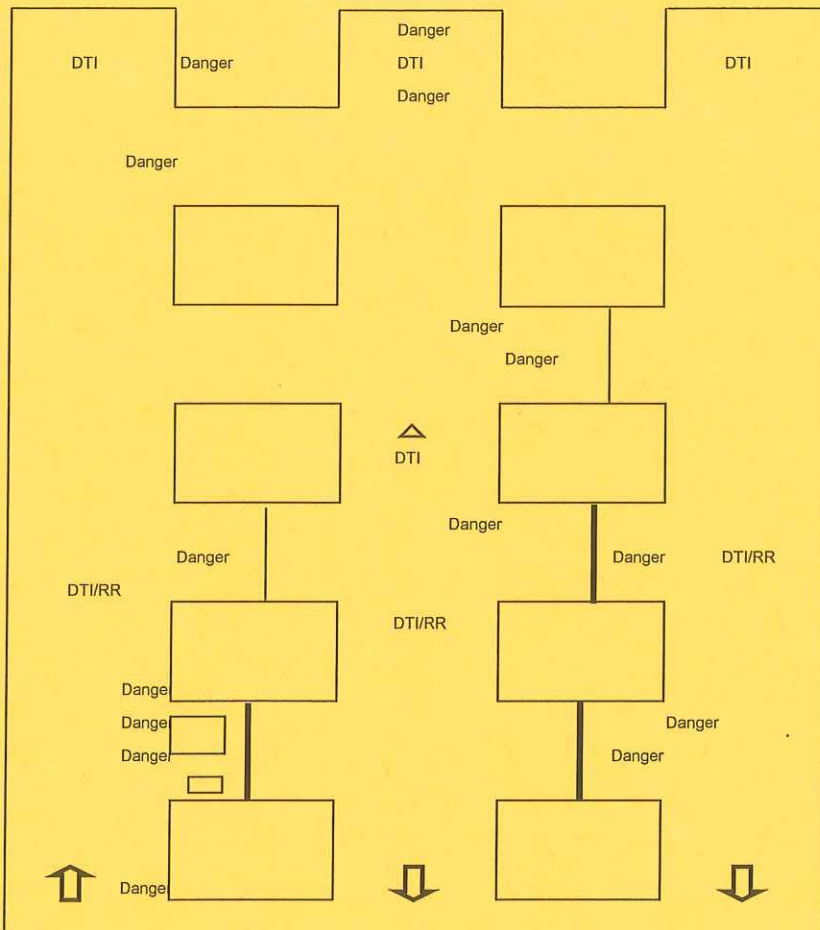
4. Primary escapeway is located in the #1 intake entry. The alternate escapeway is located in the #3 Return entry.

Roof Control Plan

1. The Roof Control Plan requires 5-foot fully grouted resin bolts to be installed on 5-foot by 5-foot centers, with a minimum of 4 bolts per row.
2. Roof bolts are required to be installed to within 5 feet of the face.
3. The depth of mining cuts shall not exceed 40 feet as measured from the last row of permanent supports.
4. Faces shall be bolted within 24 hours of mining; except during equipment (roof bolter) breakdowns. Upon completion of repairs, bolting of un-supported faces shall immediately begin.
5. Travel in or inby un-supported openings to an intersection shall be restricted; except for conducting required examinations and necessary ventilation changes.

ERP PLAN

1. Zone tracking with check in and check out for miners during system failures.



Date of Examination ?????? Time From: AM/PM To: AM/PMSection/ Area 001 Reported Outside? Yes No Time: AM/PMReported By: Received By: INITIAL (AUTHORIZED PERSON)**Preshift required within 3 hours prior to any 8-hour interval.**

Location	Hazardous Condition	CH ₄	Action Taken
#1 Entry	Life line backwards		repaired
#1 Entry	Life line over haul truck		repaired
#1 Entry	Only 5 lb. ext. at Pwr. Center		Added 5 lb. extinguisher
#1 Entry	Pwr. Off to tracking system		Dangered and Reported to use back-up procedure
Entry #1 Face	Vent device too far back	0.0%	Advanced vent device
#2 Entry	CO sensor action level 26ppm		Turned off diesel scoop
#2 Entry	Face fan leaking air discharge side		Turned off fan
#2 Entry	Diesel scoop idling		Turned off
#2 Entry face	Roof bolts too far from face	0.0%	Dangered
#2 Entry face	Vent device inby last row supports	0.0%	Dangered
Entry #2 to #3, XC #2	Stopping not complete		Turned off belt stopped mining
#3 Entry	SCSR's not in storage container		Dangered
#3 Entry	No branch line to SCSR storage		Dangered
Power Center	Only 5 lb. ext. at Pwr. Center	0.0%	Added 5 lb. extinguisher
Entry #3 face	**Gas reading	0.0%	
*****Gas readings at face can be used for gas readings in entries			

Air Measurements

Location	CFM	Location	CFM
LOX	28576		

VelocitiesLongwall Headgate: Longwall Tailgate: CH₄: O₂:

Remarks:

Signed by Preshift Certified Examiner
Date
Certification Number
Countersigned by Mine Foreman
Date
Certification Number
Countersigned by Operator/ Agent
Date
Certification Number

Placard list for contest per field:

Power Center

Diesel Haul Truck

Primary Escapeway

Alternate Escapeway



(Times 3)

Belt

Tail Piece

Continuous miner cutting coal

Last Row of supports

Roof Bolter installing Bolts

Face Fan

Fan discharge sock leaking

Check curtain (Times 3)

Water hole with portable pump

5 lb. fire extinguisher (Times 2)

SCSR (Times 5)

Pallet

Section Tracking system damaged no power

Diesel scoop parked and idling

CO sensor "26 ppm"

CO sensor "10 ppm"