

PRESHIFT-CERTIFICATION EXAMINER'S REPORT

Date of Examination	Time From: _____AM PM	To: _____AM PM
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Section/Area: 2-Est Construction Area	Reported Outside? YES___NO_x___TIME_____AM PM
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Reported By:	Received By :		
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Pre-Shift required within 3 hours prior to any 8 hour interval

Location	Hazardous Condition	Action Taken	CH4	O2
1 Left face #1.	No line curtain	Hung curtain	0%	20.9%
2 nd xct. 1 to 2	No check curtain	Hung curtain		
1 Left face #2	No line curtain	Hung curtain	0%	20.9%
#2 entry 2 nd xct.	Loose Roof	Dangered off all approaches		
#2 entry inby 2 nd xct.	No check curtain	Hung curtain		
#3 entry at Feeder	Coal accumulations 1 to 2 ft. deep	Dangered off all approaches	0%	20.9%
2 nd xct. 3 to 4 entry	No check curtain	Hung curtain		
1 Right face #1	No line curtain	Hung curtain	0%	20.9%
1 Right face #1	Not Bolted	Dangered off		
1 Right face #2	No line curtain hung.	Hung curtain	0%	20.9%
Power Center	None observed		0%	20.9%
Belt Entry	None Observed		0%	20.9%

Air Measurements

Location	CFM	CH 4	O2	Location	CFM	CH4	O2
1 Left LOC 2 to 1	10,000	0%	20.9%	Outby #1, #2, #3 and #4 entries.		0%	20.9%
1 Right LOC 1 to 2	9,500	0%	20.9%				

REMARKS: All areas where persons are scheduled to work or travel are safe except as stated above.

Signed by Pre Certified Examiner	Date	Certification #
Countersigned by Mine Foreman	Date	Certification #

10 LFM

50 LFM

LOC

Entry Right

19 feet Wide

10 feet High

10 LFM

50 LFM

LOC

Entry Left

20 feet Wide

10 feet High

LAST OPEN CROSSCUT AIR READING (RIGHT SIDE)

Contestant must verbally state direction of air flow (rule 7)

AREA = 19 FEET WIDE X 10 FEET HIGH = 190

Velocity = 50 LFM (9,500 CFM)

** If ventilation is INCORRECT!

Velocity = 10 LFM

(1,900 CFM)

LAST OPEN CROSSCUT AIR READING (LEFT SIDE)

Contestant must verbally state direction of air flow (rule 7)

AREA = 20 FEET WIDE X 10 FEET HIGH = 200

Velocity = 50 LFM (10,000 CFM)

** If ventilation is INCORRECT!

Velocity = 10 LFM

(2,000 CFM)

Fire Boss Station

Contestant Checks out

Stops the clock

Contestant should acknowledge the coal accumulations around the feeder and danger off all approaches. (rule 5 and 12) _____

Contestant should hang all check curtains as per vent. plan (rule 11 and 15) without traveling through the area of loose roof. "Endangering himself"(rule 16-C) _____

(These do not have to be hung in any certain order.) (rule 7) _____

Entry #4

Gas Test/DTI 0% Ch4-20.9% O2 (rule 5) _____

Verbally state visual exam. Roof in #4 entry (rule 10) _____

The Contestant can then hang the check curtains in each of the areas to ventilate each working place per plan.

(rule 11 and 15) _____

1-Left Face

Gas Test/DTI 0%-Ch4 – 20.9% O2 (rule 5) _____

Contestant should then hang the line curtains in each of the working places to ventilate per plan.

(rule 7) _____

2-Left Face

Gas Test/DTI 0% Ch4 – 20.9% O2 (rule 5) _____

1-Right Face

Contestant should use probe to Gas Test/DTI in by unbolted area. 0% Ch4 – 20.9% O2 (rule 5) _____

Contestant should Danger Off approach to unsupported roof.(rule 5 and 12)_____

2-Right Face

Gas Test/DTI 0% Ch4 – 20.9% O2 _____

Contestant should hang line curtain in each working place per plan. (rule 7) _____

**Post 5 Pre-Shift
Judge's Discount Sheet**

Contestant _____ No. _____

Contestant has 2 minutes to start the problem once entering the fire boss station.

(NOTE* If the Contestant has a question about something that isn't intended to be part of the problem tell them, "Not a part of the problem!")

<u>Fire Boss Station</u>	Yes	No
Start Clock (rule 1)	_____	_____
Check In (rule 1)	_____	_____
SCSR Check (rule 3)	_____	_____
Gas Detector(s) Check (rule 19)	_____	_____
Required Equipment (rule 2)	_____	_____
Required Equipment Maintained Operable (rule 14)	_____	_____
<u>Entry # 1</u>		
Gas Test/DTI 0% Ch4 - 20.9% O2 (rule 5)	_____	_____
Verbally state visual exam. Roof in # 1 entry (rule 10)	_____	_____
<u>Entry # 2</u>		
Gas Test/ DTI 0% Ch4 – 20.9% O2 (rule 5)	_____	_____
Verbally state visual exam. Roof in #2 entry (rule 10)	_____	_____
Gas Test/DTI @ power center (rule 4 and 5)	_____	_____
DTI @ Loose Roof #2 and danger off all approaches. (rule 5 and 12)	_____	_____
<u>Entry # 3</u>		
Gas Test/DTI 0% Ch4 – 20.9% O2 (rule 5)	_____	_____
Verbally state visual exam. Roof in #3 entry (rule 10)	_____	_____
# 3 Belt Tail, Contestant should Gas Test/DTI (rule 5 and 12)	_____	_____

Statement

Welcome to the 2 East Construction Area, my name is _____. You are required to pre-shift examine the area and belt for the oncoming shift. The mine has a history of bad roof conditions, high methane and water accumulations. Please correct all hazards / violations that can be safely corrected. Danger off any that cannot be safely corrected.

Roof Control Plan

1. The maximum cut depth for this mine is 40 feet.
2. Openings that create an intersection should be permanently supported or at least one row of temporary supports should be installed on not more than 4 foot centers across the opening before any other work or travel in the intersection, except to conduct examinations or make safety corrections.
3. The sub mains and pillar panels are driven on 60 ft. x 60 ft. centers minimum.
4. The roof bolt pattern is 4 ft. x 4 ft. centers.
5. The maximum entry and crosscut width is 20 feet.

Ventilation Plan

1. A line curtain shall be maintained to within 10 ft. of the working face in supported places and to the next to last row of permanent support in unbolted places.
2. The minimum volume of air in the last open crosscut shall be 9000 C.F.M.
3. Exhausting main mine fan, with blowing face ventilation on the right side and exhausting face ventilation on the left side.
4. The belt is regulated outby.



