



PRESHIFT

STATEMENT

Hello my name is _____, & this is _____
we will be your judges for today's contest.

You are the pre-shift examiner for the WKMI No. 1 Mine. It is 4:00 a.m. Thursday morning. Third shift was putting on belt and power and was supposed to run early coal. An electrical storm knocked the power about 1:00am and they came out and went home.

You are to conduct a pre-shift examination of the #1 unit starting in the #3 entry at x-cut A, & the area inby that point including the unit, unit belt & return for the oncoming production crews. You must enter and exit the mine using the primary escapeway. All other areas of the mine are being examined by other certified people.

The No.1 entry is the return.

The No.2 entry is the belt entry & secondary escapeway.

The No.3 entry is the main intake entry & the primary escapeway.

Entries are numbered left to right.

The blowing fan is running & power is on the unit.

The 3rd. Shift mine foreman who is a certified electrician and an M.E.T. will be on the surface while you're underground if you were to need anything.

All violations & hazards shall be corrected if possible, if you are unable to correct it, it shall be indicated by a danger sign shown on index cards & placed on mine floor. Any condition found that does not comply with the approved plans will be considered as hazardous conditions.

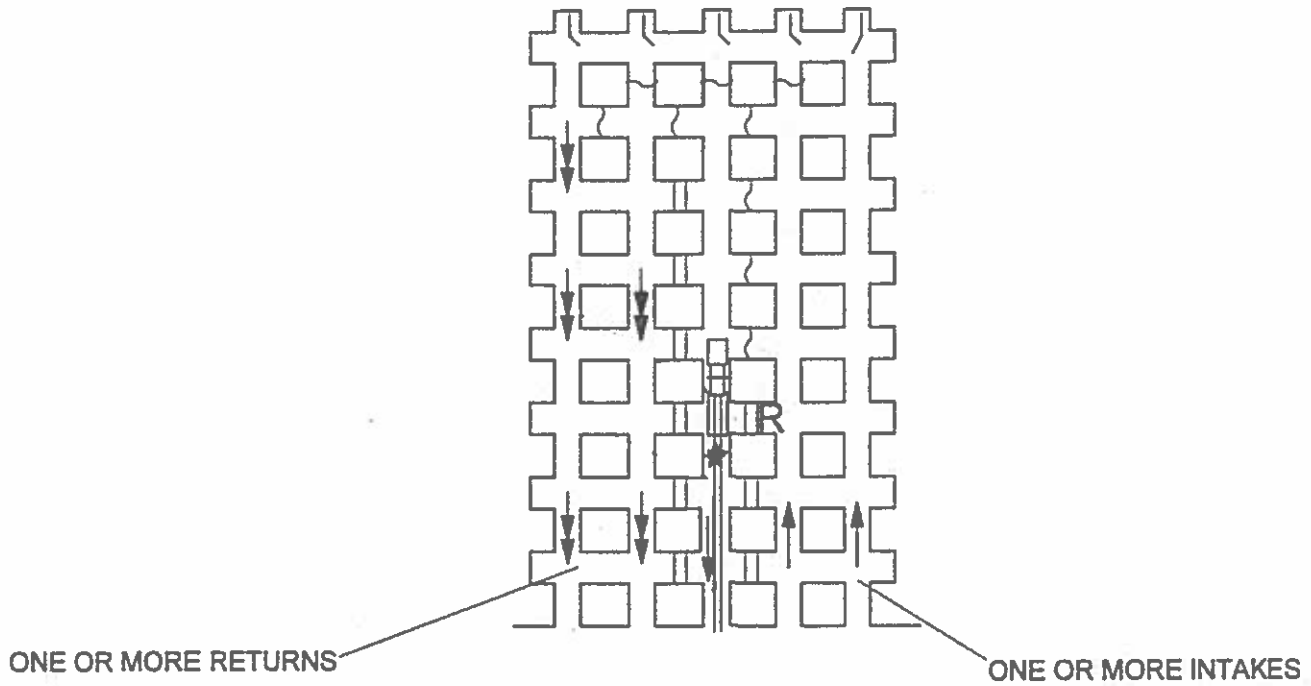
You have two minutes to prepare then you must start the clock. Once you start the clock you will have 30 minutes to complete the examination.

VENTILATION PLAN

1. Line curtains are required to be installed to within 5' of the face or to the next to the last complete row of permanent roof support.
2. 6,500 CFM of quantity required when coal is being mined cut or loaded.
3. 12,000 CFM of air shall be maintained in the last open crosscut on the working sections at all times.
4. The face of entry shall not be driven more than 40' feet inby the proposed crosscut off that entry.
5. Permanent stoppings shall be maintained up to the tailpiece on the return side and the intake side.
6. During bolting cycle the line curtain shall be maintained to within 10' of the bumper of the bolter with a minimum of 3,000 CFM at the inby end of the line brattice.

TYPICAL VENTILATION DRAWINGS

TYPICAL PANEL ENTRY OR MAINS



ONE OR MORE RETURNS

ONE OR MORE INTAKES

MIRROR IMAGE APPLIES

LEGEND

- R REGULATOR
- == PERMANENT BRATTICE
- TEMPORARY BRATTICE
- ← INTAKE AIR
- ← RETURN AIR
- ★ CO SENSOR
- ▭ FEEDER
- || BELT
- ~ CURTAIN
- ~ DEFLECTOR CURTAIN
- ~ DOUBLE CURTAINS OR ONE THICK (PULL THRU)

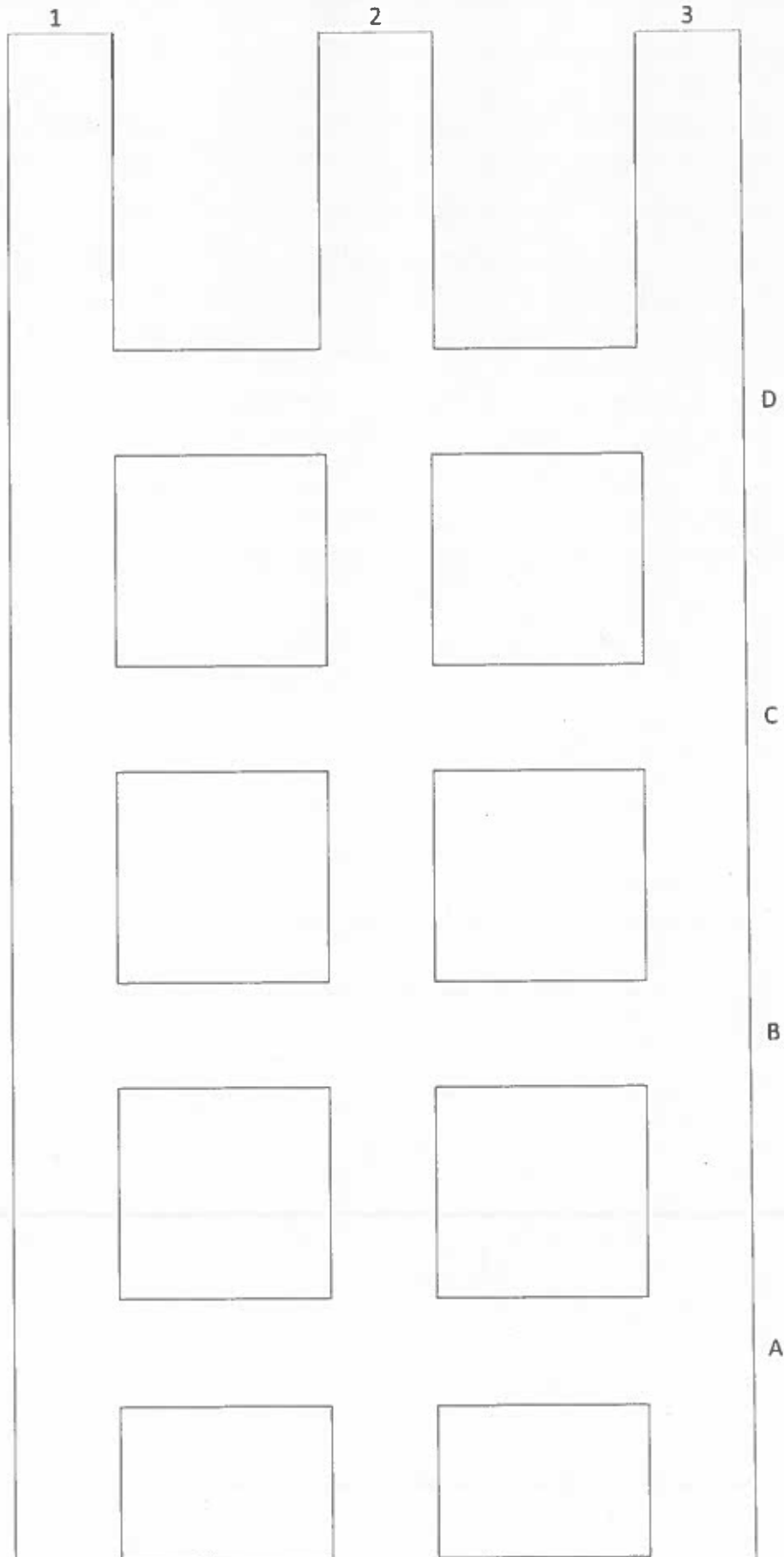
ROOF CONTROL PLAN

1. A minimum length of 60" resin bolt is being used at this mine.
2. Roof bolts shall be installed on 4 X 4 centers to within 5' of the faces.
3. Within 24 hours after cutting a place it will have permanent roof support installed unless there is a power or equipment failure, the area involved shall be dangered off.
4. Maximum cut depth is 20'.
5. Maximum entry & crosscut widths are 18' wide.
6. Pillar centers 50' X 50'.

EMERGENCY EVACUATION & FIREFIGHTING PLAN

1. All persons shall be trained in the deployment, use and maintenance of refuge alternatives as described in the approved Emergency Response Plan required by 30 CFR 75.1507 & 75.1508.
2. PRIMARY ESCAPEWAY – The primary escapeway is located in the isolated intake air course, the #3 entry, which will typically be on the right side of the belt entry. Green reflectors and directional lifelines also with green reflectors will identify the primary escapeway. The life line will be hung from the roof.
3. SECONDARY ESCAPEWAY – The secondary escapeway is located in the #2 entry. Yellow reflectors and directional lifeline with yellow reflectors will identify the secondary escapeway. The lifeline will be hung from the roof.
4. At least one mantrip equipped with two one hour SCSR's per miner will be on the section, at all times personnel are on the sections.
5. Each person entering the mine will be provided with an approved one hour SCSR (CSE SR LD, Draeger Oxy K Plus, Ocenco EBA 6.5) or an Ocenco M-20.

2019 WKMI SAFETY DAYS
Pre-Shift Contestant's Map



2019 W.K.M.I. PRE-SHIFT National Judges Discount Sheet

CONTESTANT

NO. _____

NAME _____

DISCOUNTS FROM OUTSIDE PAGE	
DISCOUNTS FROM 1 & 1 RIGHT PAGE	
DISCOUNTS FROM 2, 2 LEFT & 2 RIGHT PAGE	
DISCOUNTS FROM 3 PAGE	
DISCOUNTS FROM POWER CENTER PAGE	
TOTAL POINTS DISCOUNTED	
CONTESTANTS TOTAL FIELD SCORE	
CONTESTANTS FIELD TIME	

JUDGE: _____

JUDGE: _____

REVIEWED BY

NAME: _____

NAME: _____

OUTSIDE	YES	NO	RULE #
START CLOCK			STATE
CHECK IN		-2	# 1
D.T.I. DANGER BOARD			STATE
ARROW RED BEFORE ENTERING MINE			STATE
SCSR CHECK		-2	# 3
GAS DETECTOR(S) CHECK		-2	# 19
REQUIRED EQUIPMENT		-2 ea	# 2
REQUIRED EQUIPMENT MAINTAINED		-2	# 14
ARROW RED/GREEN AFTER EXITING MINE			STATE
CHECK OUT		-2	# 1
STOP THE CLOCK			STATE
TOTAL DISCOUNTS GIVEN			
GENERAL RULES			
DID CONTESTANT RUN	-5		# 13
DID CONTESTANT EXAM ALL ACCESSIBLE AREAS		-5 ea	# 18
DID CONTESTANT COMPLY WITH GENERAL RULES			
NOT COVERED IN THE DISCOUNT SHEET		-2	# 19
VENTILATING SECTION		-10	# 7
TOTAL DISCOUNTS GIVEN			

#1 ENTRY & 1 RIGHT	YES	NO	RULE #
VERBALIZE VISUAL ROOF EXAM IN ENTRY		-2	# 10
MAKE REQUIRED GAS TEST IN ENTRY		-5	# 5-C
TAKE PROPER GAS TEST IN ENTRY		-2 ea	# 6
DTI IN ENTRY WHERE GAS TEST WAS MADE		-2	# 4
CHECK ALARMING SPOTTER		-10	# 11
MAKE PROPER GAS TEST WHERE SPOTTER ALARMS		-2 ea	# 6
RETEST 0/2 AFTER VENTING		-5	# 5-I
ENDANGER SELF BY ENTERING LOW 0/2 IN #1 FACE AREA	-20		# 16-A
FIND FACE AREA CUT OVER 40' FROM INBY RIB		-10	# 11
DANGER OUT FACE AREA CUT OVER 40' FOOT FROM INBY RIB		-10	# 12
MAKE REQUIRED GT AT FACE AREA		-5	# 5-C
TAKE PROPER GT AT FACE AREA		-2 ea	# 6
D.T.I. AT FACE		-2	# 4
DTI IN ENTRY WHERE GAS TEST WAS MADE		-2	# 4
FIND WING CURTAIN SHORT IN FACE AREA		-10	# 11
REPLACE WING CURTAIN IN FACE AREA (MUST STAY ON INTAKE SIDE)		-10	# 12
FIND PERMANENT STOPPING MISSING AT 1-C		-10	# 11
DANGER OUT PERMANENT STOPPING MISSING AT 1-C		-10	# 12
FIND CHECK CURTAIN BLOCKING RETURN		-10	# 11
REMOVE CURTAIN BLOCKING RETURN		-10	# 12
RETURN AIR READING IN #1 RIGHT AT X-CUT C		-10	# 7
IMPROPER PROCEURE FOR AIR READING		-2	# 8
RETURN AIR READING IN #1 ENTRY NOT #1 LEFT	-5		# 9
TOTAL DISCOUNTS GIVEN			

# 2 ENTRY & 2 RIGHT	YES	NO	RULE #
VERBALIZE VISUAL ROOF EXAM IN ENTRY		-2	#10
MAKE REQUIRED GAS TEST IN ENTRY		-5	# 5-C
TAKE PROPER GAS TEST IN ENTRY		-2 ea	# 6
DTI IN ENTRY WHERE GAS TEST WAS MADE		-2	# 4
FIND NO LIFE LINE		-10	# 11
DANGER OUT NO LIFE LINE		-10	# 12
FIND NON-PREMISSABLE FEEDER IN LAST OPEN C.C.		-10	# 11
L.O.T.O. NON-PERMISSABLE FEEDER IN LAST OPEN C.C.		-10	# 12
FIND CHECK CURTAIN BLOCKING AIR		-10	# 11
MOVE CHECK CURTAIN BACK ONE C.C.		-10	# 12
FIND NO BELT REGULATOR AT 2-B		-10	# 11
USE SLEDGE HAMMER TO MAKE REGULATOR		-10	# 12
CHECK FOR PROPER AIR FLOW AT REGULATOR		-10	# 7
FIND PERMANENT STOPPING MISSING AT 2-C		-10	# 11
DANGER OUT PERMANENT STOPPING MISSING AT 2-C		-10	# 12
MAKE REQUIRED GT AT 2 LEFT FACE AREA		-5	# 5-C
TAKE PROPER GT AT 2 LEFT FACE AREA		-2 ea	# 6
D.T.I. AT FACE		-2	# 4
MAKE REQUIRED GT AT FACE AREA		-5	# 5-C
TAKE PROPER GT AT FACE AREA		-2 ea	# 6
D.T.I. AT FACE		-2	# 4
STATE			
TAKE INTAKE AIR READING AT 2-D			STATE
TAKE IMPROPER AIR READING			STATE
TOTAL DISCOUNTS GIVEN			

#3 ENTRY	YES	NO	RULE #
VERBALIZE VISUAL ROOF EXAM IN ENTRY		-2	# 10
GAS TEST IN ENTRY		-5	# 5-A
TAKE PROPER GAS TEST IN ENTRY		-2 ea	# 6
DTI IN ENTRY WHERE GAS TEST WAS MADE		-2	# 4
FIND NO LIFE LINE		-10	# 11
DANGER OUT NO LIFE LINE		-10	# 12
TAKE REQUIRED G.T AT POWER CENTER		-5	# 5-F
TAKE PROPER GAS TEST AT POWER CENTER		-2 ea	# 6
D.T.I. AT POWER CENTER		-2	# 4
TAKE REQUIRED G.T. AT FACE		-5	# 5-B
TAKE PROPER G.T. AT FACE		-2ea	# 6
D.T.I. AT FACE		-2	# 4
TOTAL DISCOUNTS GIVEN			

RETURN AIR READING

(WITH VENTILATION CORRECTED)

18' WIDE

X

6' HIGH

202 TURNS

INTAKE AIR READING

(WITH VENTILATION CORRECTED)

17' WIDE

X

6' HIGH

207 TURNS

2019 W.K.M.I. EXAMINERS PRE-SHIFT NATIONAL REPORT PAGE

DATE OF EXAMINATION	(-2) 5/23/2019	SECTION OR AREA EXAMINED	(-2) #1 Unit
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	TIME OF EXAMINATION	FROM:	(-2) '00:00	A.M. P.M.	TO	(-2) '00:00	A.M. P.M.	
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TOTAL = _____				
LOCATION	CH4	O2	VIOLATION OR HAZARDOUS CONDITION	ACTION TAKEN
(-2) #1 FACE	(-2) 0.0%	20.9%	(-2) FOUND LOW O/2 IN FACE AREA	(-2) HUNG CUTRAIN & CLEARED
(-2) #1 FACE			(-2) WING CURTAIN IS SHORT	(-2) HUNG CUTRAIN
(-2) #1 FACE			(-2) NOT CUT PER PLAN	(-2) DANGERED OUT
(-2) #1 RIGHT			(-2) NO PERMANENT STOPPING IN #1 RIGHT	(-2) DANGERED OUT
(-2) #1 RIGHT			(-2) CHECK CURTAIN BLOCKING VENTILATION	(-2) REMOVED
(-2) #2 LEFT	(-2) 0.0%	20.9%		
(-2) #2 FACE	(-2) 0.0%	20.9%		
(-2) #2 ENTRY	(-2) 0.0%	20.9%	(-2) CHECK CURTAIN BLOCKING VENTILATION	(-2) MOVED BACK ONE X-CUT
(-2) #2 ENTRY			(-2) FEEDER IN LAST OPEN X-CUT	(-2) L.O.T.O
(-2) #2 RIGHT			(-2) X-CUT B NO REGULATOR	(-2) MADE REGULATOR
(-2) #2 RIGHT			(-2) NO PERMANENT STOPPING IN #2 RIGHT	(-2) DANGERED OUT
(-2) #2 ENTRY			(-2) NO LIFELINE	(-2) DANGERED OUT
(-2) #3 ENTRY	(-2) 0.0%	20.9%	(-2) NO LIFELINE	(-2) DANGERED OUT
(-2) #3 FACE	(-2) 0.0%	20.9%		
(-2) P- CENTER	0.00%	20.9%		
TOTAL= _____	Total= _____		TOTAL = _____	TOTAL = _____

AIR MEASUREMENTS (MUST BE CORRECT)			
LOCATION	CFM	LOCATION	CFM
INTAKE L.O.C.C.	21,114	RETURN	(-2) 21,816
Total= _____			

REMARKS

	TOTAL = _____
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(-2) Wanna B Examiner	(-2) 5/23/2019	(-1) A-00-19
SIGNED BY THE CERTIFIED EXAMINER	DATE	CERTIFICATION NUMBER

	TOTAL = _____
CONTESTANT'S TOTAL DISCOUNT = _____	

JUDGE:	JUDGE:
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2019 W.K.M.I. PRE-SHIFT State Judges Discount Sheet

CONTESTANT

NO. _____

NAME _____

DISCOUNTS FROM OUTSIDE PAGE	
DISCOUNTS FROM 1 & 1 RIGHT PAGE	
DISCOUNTS FROM 2, 2 LEFT & 2 RIGHT PAGE	
DISCOUNTS FROM 3 PAGE	
DISCOUNTS FROM POWER CENTER PAGE	
TOTAL POINTS DISCOUNTED	
CONTESTANTS TOTAL FIELD SCORE	
CONTESTANTS FIELD TIME	

JUDGE: _____

JUDGE: _____

REVIEWED BY

NAME: _____

NAME: _____

OUTSIDE	YES	NO	RULE #
START CLOCK		-5	#10
CHECK IN		-5	#10
D.T.I. DANGER BOARD		-5	#10
ARROW RED BEFORE ENTERING MINE		-5	#10
SCSR CHECK		-2	#3
GAS DETECTOR(S) CHECK		-2	# 19
REQUIRED EQUIPMENT		-2 ea	#3
REQUIRED EQUIPMENT MAINTAINED			NATIONAL
ARROW RED/GREEN AFTER EXITING THE MINE		-5	#28
CHECK OUT		-5	#28
STOP THE CLOCK		-5	#28
TOTAL DISCOUNTS GIVEN			
GENERAL RULES			
DID CONTESTANT RUN	-5		#24
DID CONTESTANT EXAM ALL ACCESSIBLE AREAS		-5 ea	#27
DID CONTESTANT COMPLY WITH GENERAL RULES			
NOT COVERED IN THE DISCOUNT SHEET		-5 ea	#26
DID CONTESTANT PROPERLY VENTILATE SECTION		-10	#21
TOTAL DISCOUNTS GIVEN			

#1 ENTRY & 1 RIGHT	YES	NO	RULE #
VERBALIZE VISUAL ROOF EXAM IN ENTRY			NATIONAL
MAKE REQUIRED GAS TEST IN ENTRY		-5	#14
TAKE PROPER GAS TEST IN ENTRY			NATIONAL
DTI IN ENTRY WHERE GAS TEST WAS MADE			NATIONAL
CHECK ALARMING SPOTTER		-5	#14
MAKE PROPER GAS TEST WHERE SPOTTER ALARMS			NATIONAL
RETEST 0/2 AFTER VENTING		-5	#14
ENDANGER SELF BY ENTERING LOW 0/2 IN #1 FACE AREA	-25		#25
FIND FACE AREA CUT OVER 40' FROM INBY RIB		-10	#16
DANGER OUT FACE AREA CUT OVER 40' FOOT FROM INBY RIB		-10	#16
MAKE REQUIRED GT AT FACE AREA		-5	#14
TAKE PROPER GT AT FACE AREA			NATIONAL
D.T.I. AT FACE		-2	#15
DTI IN ENTRY WHERE GAS TEST WAS MADE			NATIONAL
FIND WING CURTAIN SHORT IN FACE AREA		-10	#16
REPLACE WING CURTAIN IN FACE AREA (MUST STAY ON INTAKE SIDE)		-10	#16
FIND PERMANENT STOPPING MISSING AT 1-C		-10	#16
DANGER OUT PERMANENT STOPPING MISSING AT 1-C		-10	#16
FIND CHECK CURTAIN BLOCKING RETURN		-10	#16
REMOVE CURTAIN BLOCKING RETURN		-10	#16
RETURN AIR READING IN #1 RIGHT AT X-CUT C		-10	#21
IMPROPER PROCEURE FOR AIR READING		-2	#20
RETURN AIR READING IN #1 ENTRY NOT #1 LEFT	-5		#21
TOTAL DISCOUNTS GIVEN			

# 2 ENTRY & 2 RIGHT	YES	NO	RULE #
VERBALIZE VISUAL ROOF EXAM IN ENTRY			NATIONAL
MAKE REQUIRED GAS TEST IN ENTRY		-5	#14
TAKE PROPER GAS TEST IN ENTRY			NATIONAL
DTI IN ENTRY WHERE GAS TEST WAS MADE			NATIONAL
FIND NO LIFE LINE		-10	#16
DANGER OUT NO LIFE LINE		-10	#16
FIND NON-PREMISSABLE FEEDER IN LAST OPEN C.C.		-10	#16
L.O.T.O. NON-PERMISSABLE FEEDER IN LAST OPEN C.C.		-10	#16
FIND CHECK CURTAIN BLOCKING AIR		-10	#16
MOVE CHECK CURTAIN BACK ONE C.C.		-10	#16
FIND NO BELT REGULATOR AT 2-B		-10	#16
USE SLEDGE HAMMER TO MAKE REGULATOR		-10	#16
CHECK FOR PROPER AIR FLOW AT REGULATOR		-10	#21
FIND PERMANENT STOPPING MISSING AT 2-C		-10	#16
DANGER OUT PERMANENT STOPPING MISSING AT 2-C		-10	#16
MAKE REQUIRED GT AT 2 LEFT FACE AREA		-5	#14
TAKE PROPER GT AT 2 LEFT FACE AREA			NATIONAL
D.T.I. AT FACE		-2	#15
MAKE REQUIRED GT AT FACE AREA		-5	#14
TAKE PROPER GT AT FACE AREA			NATIONAL
D.T.I. AT FACE		-2	#15
STATE			
TAKE INTAKE AIR READING AT 2-D		-10	#21
TAKE IMPROPER AIR READING		-10	#20
TOTAL DISCOUNTS GIVEN			

#3 ENTRY	YES	NO	RULE #
VERBALIZE VISUAL ROOF EXAM IN ENTRY			NATIONAL
GAS TEST IN ENTRY		-5	#14
TAKE PROPER GAS TEST IN ENTRY			NATIONAL
DTI IN ENTRY WHERE GAS TEST WAS MADE			NATIONAL
FIND NO LIFE LINE		-10	#16
DANGER OUT NO LIFE LINE		-10	#16
TAKE REQUIRED G.T AT POWER CENTER			NATIONAL
TAKE PROPER GAS TEST AT POWER CENTER			NATIONAL
D.T.I. AT POWER CENTER			NATIONAL
TAKE REQUIRED G.T. AT FACE		-5	#14
TAKE PROPER G.T. AT FACE			NATIONAL
D.T.I. AT FACE		-2	#15
TOTAL DISCOUNTS GIVEN			

INTAKE AIR READING

(WITH VENTILATION CORRECTED)

17' WIDE

X

6' HIGH

207 TURNS

RETURN AIR READING

(WITH VENTILATION CORRECTED)

18' WIDE

X

6' HIGH

202 TURNS

2019 W.K.M.I. EXAMINERS PRE-SHIFT STATE REPORT PAGE

DATE OF EXAMINATION	(-2) 5/23/2019	SECTION OR AREA EXAMINED	(-2) #1 Unit
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	TIME OF EXAMINATION	FROM.	(-2) '00:00		TO	(-2) '00:00		A.M. P.M.
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TOTAL = _____

LOCATION	CH4	O2	VIOLATION OR HAZARDOUS CONDITION	ACTION TAKEN
(-2) #1 FACE	(-2) 0.0%	(-2) '20.9%	(-2) FOUND LOW O/2 IN FACE AREA	(-2) HUNG CUTRAIN & CLEARED
(-2) #1 FACE			(-2) WING CURTAIN IS SHORT	(-2) HUNG CUTRAIN
(-2) #1 FACE			(-2) NOT CUT PER PLAN	(-2) DANGERED OUT
(-2) #1 RIGHT			(-2) NO PERMANENT STOPPING IN #1 RIGHT	(-2) DANGERED OUT
(-2) #1 RIGHT			(-2) CHECK CURTAIN BLOCKING VENTILATION	(-2) REMOVED
(-2) #2 LEFT	(-2) 0.0%	(-2) '20.9%		
(-2) #2 FACE	(-2) 0.0%	(-2) '20.9%		
(-2) #2 ENTRY	(-2) 0.0%	(-2) '20.9%	(-2) CHECK CURTAIN BLOCKING VENTILATION	(-2) MOVED BACK ONE X-CUT
(-2) #2 ENTRY			(-2) FEEDER IN LAST OPEN X-CUT	(-2) L.O.T.O
(-2) #2 RIGHT			(-2) X-CUT B NO REGULATOR	(-2) MADE REGULATOR
(-2) #2 RIGHT			(-2) NO PERMANENT STOPPING IN #2 RIGHT	(-2) DANGERED OUT
(-2) #2 ENTRY			(-2) NO LIFELINE	(-2) DANGERED OUT
(-2) #3 ENTRY	(-2) 0.0%	(-2) '20.9%	(-2) NO LIFELINE	(-2) DANGERED OUT
(-2) #3 FACE	(-2) 0.0%	(-2) '20.9%		
(-2) P- CENTER	0.00%	20.9%		
TOTAL = _____				

TOTAL = _____

AIR MEASUREMENTS (MUST BE CORRECT)			
LOCATION	CFM	LOCATION	CFM
INTAKE L.O.C.C.	(-2) 21114	RETURN	(-2) 21,816
Total= _____			

REMARKS

TOTAL = _____

TOTAL = _____

(-2) Wanna B Examiner	(-2) 5/23/2019	(-1) A-00-19
SIGNED BY THE CERTIFIED EXAMINER	DATE	CERTIFICATION NUMBER

TOTAL = _____

CONTESTANT'S TOTAL DISCOUNT = _____

JUDGE: _____

