



2016  
KENTUCKY RIVER  
PRE-SHIFT CONTEST

MH

## STATEMENT

YOU ARE THE PRE-SHIFT EXAMINER FOR THE HAZ COAL COMPANY,  
NUMBER 1 MINE.

YOU ARE WORKING ON THE 001 SECTION WHEN THE STACKER BELT  
BROKE.

THE CREW HAS BEEN INSTRUCTED TO TRAVEL TO THE #3 LEFT PANEL TO  
RETRIEVE BELT STRUCTURE, BELT, WATER LINE, HIGH VOLTAGE CABLE  
ETC.

YOU HAVE BEEN SELECTED TO DO A SUPPLEMENTAL EXAMINATION OF  
THE AREA.

YOU ARE TO EXAMINE THE AREA ON THE MAP PROVIDED.

THE VENTILATION REQUIREMENT IS THAT AIR WILL BE ENTERING ALL 3  
ENTRIES AND STOPPINGS ARE NOT REQUIRED TO BE INSTALLED BETWEEN  
ENTRIES.

#1 entry

#2 entry

#3 entry



#1 entry

#2 entry

#3 entry

**PRE-SHIFT EXAMINATION CONTEST  
JUDGES DISCOUNT SHEET**

CONTESTANT \_\_\_\_\_ NO. \_\_\_\_\_ \* DENOTES DISCOUNT  
OUTSIDE

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) CHECK IN	___	___*	1
(2) CHECK SCSR	___	___*	3
(3) CHECK METHANE/OXYGEN DETECTOR	___	___*	19
(4) CHECK OUT	___	___*	1
(5) HAVE ALL REQUIRED EQUIPMENT	___	___*	2
(6) EQUIPMENT MAINTAINED IN OPERABLE CONDITION	___	___*	14

**NO. 3 ENTRY**

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #3 ENTRY	___	___*	4
(2) TAKE GAS TEST IN THE #3 ENTRY	___	___*	5
(3) TAKE A PROPER GAS TEST	___	___*	6
(4) VERBALLY STATE ROOF AND RIBS	___	___*	10
(5) DANGER DRAW ROCK	___	___*	11
(6) DTI DANGER AT ROOF FALL	___	___*	4
(7) ENDANGER SELF IN DRAW ROCK	___*	___	16
(8) DANGER FLOAT COAL DUST	___	___*	11
(9) DTI DANGER AT FLOAT COAL DUST	___	___*	4

**NO. 2 ENTRY**

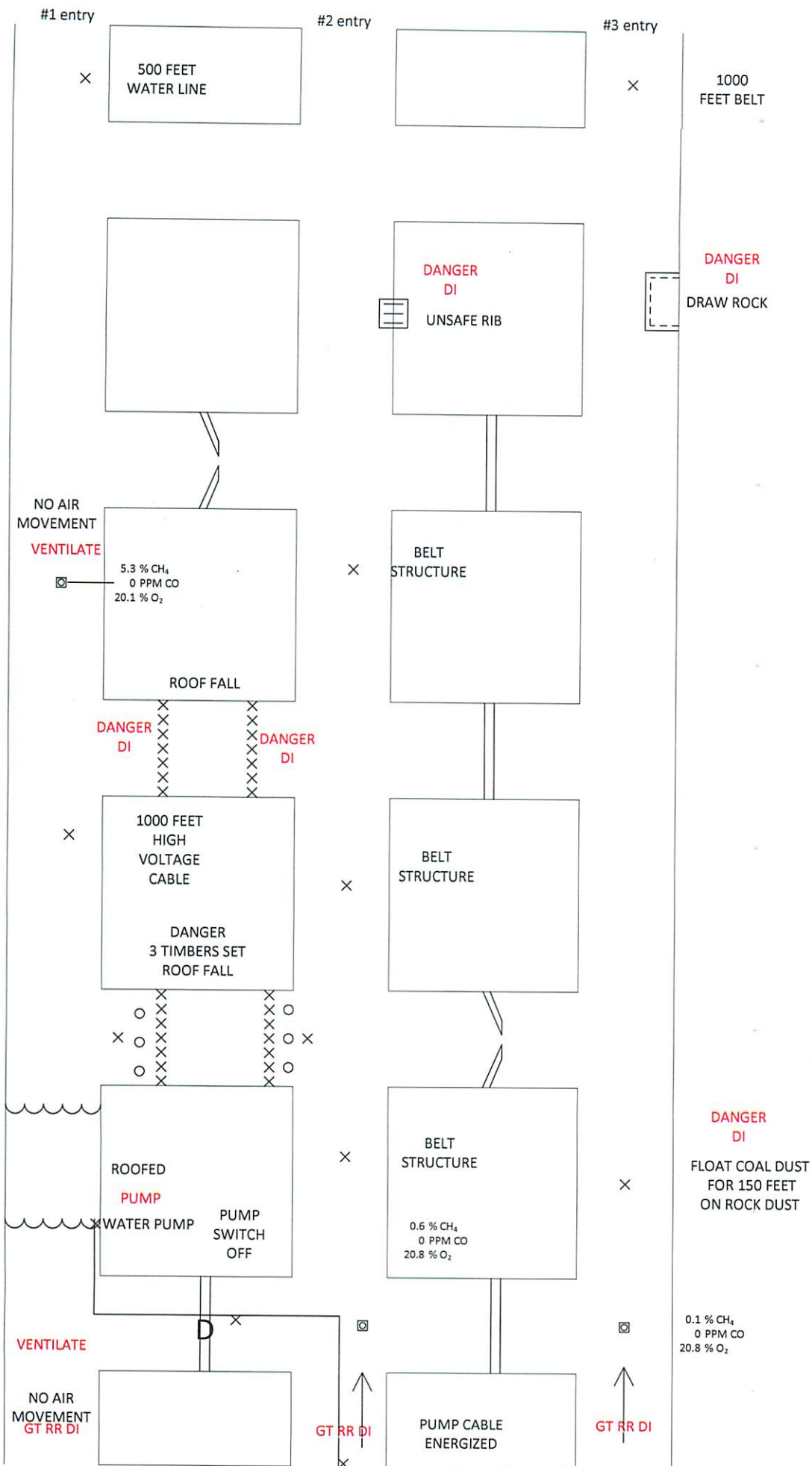
	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #2 ENTRY	___	___*	4
(2) TAKE GAS TEST IN THE #2 ENTRY	___	___*	5
(3) TAKE A PROPER GAS TEST	___	___*	6
(4) VERBALLY STATE ROOF AND RIBS	___	___*	10
(5) DANGER LOOSE RIB	___	___*	11
(6) DTI DANGER AT LOOSE RIB	___	___*	4
(7) ENDANGER SELF IN LOOSE RIB	___*	___	16
(8) DANGER ROOF FALL	___	___*	11
(9) DTI DANGER AT ROOF FALL	___	___*	4
(10) ENDANGER SELF IN ROOF FALL	___*	___	16

**NO. 1 ENTRY**

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #1 ENTRY	___	___*	4
(2) TAKE GAS TEST IN THE #1 ENTRY	___	___*	5
(3) TAKE A PROPER GAS TEST	___	___*	6
(4) VERBALLY STATE ROOF AND RIBS	___	___*	10
(5) DANGER ROOF FALL	___	___*	11
(6) DTI DANGER AT ROOF FALL	___	___*	4
(7) ENDANGER SELF IN ROOF FALL	___*	___	16
(8) PUMP WATER	___	___*	12
(9) VENTILATE EXPLOSIVE MIXTURE	___	___*	12
(10) RETEST AFTER VENTILATION	___	___*	5
(11) VENTILATE #1 ENTRY	___	___*	11
(12) ENDANGER SELF IN WATER	___*	___	16

**GENERAL RULES**

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DID CONTESTANT RUN	___*	___	13
(2) EXAM ALL ACCESSIBLE AREAS	___	___*	18
(3) COMPLY WITH GENERAL RULES	___	___*	19



Date of Examination: 06-14-16 Time From: \_\_\_\_\_ AM/PM To: \_\_\_\_\_ AM/PM

Section/Area: #3 Left Panel Reported Outside? Yes \_\_\_ No \_\_\_ Time: \_\_\_\_\_ AM/PM

Reported By: \_\_\_\_\_ Received By: \_\_\_\_\_ (INITIAL)  
(AUTHORIZED PERSON)

**Pre-shift required within 3 hours prior to anyone working in the area.**

Location	Hazardous Condition	Action Taken	CH4
#1 Return Entry	Water roofed 5.3% methane No air movement	Pumped Ventilated Ventilated	0.0%
#2 Intake Entry	Unsafe rib	Dangered	0.6%
#3 Intake Entry	Draw rock	Dangered	0.1%
Crosscut between 1 and 2	Roof fall in crosscut	Dangered	

**Air Measurements**

Location	CFM	Location	CFM

\*LOCC \*Longwall Intake Entry(ies) \*Intake End Pillar Line \*LOCC Where Equipment Being Installed or Removed

Velocities

Longwall Headgate : \_\_\_\_\_

Longwall Tailgate: \_\_\_\_\_

Remarks:

\_\_\_\_\_  
Signed by Preshift Certified Examiner

06-14-16  
Date

Certification Number

Countersigned by Operator/Agent

Date

Certification Number

THIS RECORD TO BE MAINTAINED FOR ONE (1) YEAR

# Kentucky River Mine Rescue Contest

June 14-16, 2016

## Preshift Working Order

<b>Working Order</b>	<b>Company Name Team Name</b>	<b>Contestant</b>
1	Alden Resources LLC Mine Rescue Services Blue Team	Rick Thomas
2	Alpha Natural Resources South West Regional	Charles Conn
3	Arch Coal - Lone Mountain Processing Inc Lone Mountain Team	Joe Eldridge
4	Arch Coal - Lone Mountain Processing Inc Lone Mountain Team	John Rutherford
5	Drummond Company Inc Shoal Creek Red Team	David Crowe
6	Maxxim Shared Services Blue Team	Billy Sluss
7	Maxxim Shared Services Blue Team	Casey Mooneyhan
8	Revelation Energy LLC Revelation Energy Mine Rescue Blue Team	Jeremy Oliver



Written Examination Pre-shift Kentucky River

Contestant Name \_\_\_\_\_ Team number \_\_\_\_\_

1. When taking a reading with an anemometer, a commonly used method is to traverse the \_\_\_\_\_. (MSHA 3028 p. 3-17).
  - A. \_\_\_ area
  - B. \_\_\_ airway
  - C. \_\_\_ entry
  
2. The end of permanent roof support shall be posted with a readily visible warning, or a physical barrier shall be installed to \_\_\_\_\_ travel beyond permanent support. (30 CFR 75.208)
  - A. \_\_\_ stop
  - B. \_\_\_ impede
  - C. \_\_\_ prevent
  
3. Ventilation controls are used underground to properly distribute air to all \_\_\_\_\_ of the mine. (MSHA 3028 p. 3-8).
  - A. \_\_\_ areas
  - B. \_\_\_ sections
  - C. \_\_\_ airways
  
4. Tests for oxygen deficiency shall be made by a \_\_\_\_\_ person with MSHA approved oxygen detectors maintained in permissible and proper operating condition. (30 CFR 75.320(b))
  - A. \_\_\_ certified
  - B. \_\_\_ qualified
  - C. \_\_\_ trained
  
5. Lubricating oil and grease \_\_\_\_\_ underground shall be stored in fireproof, closed metal containers. (30 CFR 75.1104).
  - A. \_\_\_ used
  - B. \_\_\_ kept
  - C. \_\_\_ stored
  
6. Before implementing an approved revision to a roof control plan, all persons who are affected by the revision shall be \_\_\_\_\_ in its provisions. (30 CFR 75.220(d))
  - A. \_\_\_ trained
  - B. \_\_\_ instructed
  - C. \_\_\_ informed

7. Self-contained self-rescuers are used to protect the wearer from the effects of irrespirable \_\_\_\_\_.
- A. \_\_\_ air
  - B. \_\_\_ atmosphere
  - C. \_\_\_ conditions
8. Any area of the mine where a hazardous condition is \_\_\_\_\_ shall be posted with a conspicuous danger sign where anyone entering the area would pass. (30 CFR 75.363(a))
- A. \_\_\_ found
  - B. \_\_\_ observed
  - C. \_\_\_ encountered
9. A sightline or other method of directional control shall be used to maintain the projected direction of mining in entries, rooms, crosscuts and pillar \_\_\_\_\_.
- (30 CFR 75.203(b))
- A. \_\_\_ cuts
  - B. \_\_\_ splits
  - C. \_\_\_ recovery
10. After each time a self-rescue device is worn or carried, the device shall be inspected for damage and for the integrity of its seal by a \_\_\_\_\_ person.
- (30 CFR 1714-3(b)).
- A. \_\_\_ trained
  - B. \_\_\_ qualified
  - C. \_\_\_ certified

## Written Examination Pre-shift Kentucky River Answer Key

1. B      airway
2. B      impede
3. B      sections
4. B      qualified
5. B      kept
6. B      instructed
7. B      atmosphere
8. B      observed
9. B      splits
10. A     trained