2017
HARLAN SAFETY DAYS
MINE RESCUE CONTEST
DAY 2

MH
HARLAN SAFETY DAYS MINE RESCUE CONTEST
SUPERINTENDENT STATEMENT DAY 2
JULY 26, 2017

Thank you for coming to help us. You are located at the fresh air base of the Har-Co #1 mine. This is a very large mine with multiple working sections and interconnected fans and air courses.

A mine rescue team was able to explore to the area inby the area you will be exploring. They were stopped by unsafe roof in the #1 entry by water in the #2 entry and caved in number 3 entry. Another team was able to setup a safe return and intake inby that you can use to ventilate through.

The fan ventilating this area is currently off and can be started either blowing or exhausting. The area is currently air-locked inby the fresh air base. The air is currently going across the fresh air base and there is a safe return and intake outby that you can use to ventilate through. The fan is currently blowing and can be reversed.

The mine has a history of bad roof, water and methane. The mine maps are up to date. We have a competent line person to give and take life line signals if necessary.

When the team is traveling they can only carry 1 timber per working team member and they must carry their own timber in their hand. Brattice cloth and line curtain must be either carried in the hand or on the stretcher. No throwing, kicking, pitching etc. of timbers, water pump, brattice cloth or line curtains by the team members.

Please find the 5 missing miners that were in this area of the mine that you will be exploring. Thank you and good luck.
PROBLEM DAY 2

DO NOT STALL EITHER FAN, AS IT WILL CAUSE DAMAGE TO THEM.
TO PREVENT STALLING ONE FAN HAS TO BE BLOWING AND THE OTHER EXHAUSTING WHEN USING BOTH FANS.
THE RETURN AND INTAKE OUTBY THE FAB AND INBY AREAS HAVE BEEN EXPLORED AND IS SAFE TO VENTILATE THROUGH.
ACCOUNT FOR ALL 5 MISSING MINERS THAT ARE IN THE AREA YOU ARE EXPLORING AND BRING SURVIVORS TO THE FAB.
EXPLORE ALL AREAS OF THE MINE THAT CAN BE DONE SAFELY
PATIENT STATEMENT 1

HELP!!    GET ME OUT OF HERE.
PATIENT STATEMENT 2

HELP!! GET ME OUT OF HERE, I AM NOT FEELING WELL.
HARLAN SAFETY DAYS MINE RESCUE CONTEST DAY 2
JUDGES BRIEFING
Number 1 entry GT DI Airlock GT inby stopping
Number 2 entry GT DI Airlock GT inby stopping
Number 3 entry GT DI Airlock GT inby stopping
    The teams can enter either the #1 or #3 entry. We are
    setting this up as if they are entering number 3 entry first.
    #2 Entry the team can make inby the stopping without
    advancing team. DI GT at water.

Team Stop before breaching stopping.
Team Check

Team Stop 1
Crosscut between 2 & 3 GT DI RR Zig Zag
Inby GT

Team Stop 2
Patient 1 reads statement
Inby GT DI
Crosscut between 1 & 2 GT DI

Whenever the team makes the water between Team Stops 2
& 3 and on the outby side in #2 they can get patient.

Pump 1

Team Stop 3
Inby GT
Crosscut between 1 & 2 GT
Crosscut between 2 & 3 GT
Vent 1
Team Stop 4
Entering Barricade GT
Touch Patient Assess DI take to FAB
Inby GT DI
Crosscut between 1 & 2 Touch Body DI GT DI RR

Team Stop 5
Inby GT
Crosscut between 2 & 3 GT

Team Stop 6
Inby GT
Crosscut between 1 & 2 RR GT DI
Outby GT

Team Stop 7
Patient 2 reads statement
Crosscut between 2 & 3 GT RR Zig Zag
Inby GT DI

Team Stop 8
Inby GT
Outby DI
Crosscut between 1 & 2 GT

Team Stop 9
Inby GT DI RR
Body DI
Outby GT DI
Team Stop 10
Patient 2 reads statement
RR Intersection
Inby GT DI
Crosscut between 2 & 3 GT DI
Crosscut between 1 & 3 GT

Team Stop 11
Outby GT DI RR
Inby GT DI RR

Vent 3
Vent 4

Team Stop 12
Entering barricade GT
Touch Patient Assess DI remove to FAB
Touch Body DI
Crosscut Between 2 & 3 GT DI
Inby GT DI RR

STOP CLOCK
5.2% CH₄
6 PPM CO
18.6% O₂

Battery
Ramcar

5.3% CH₄
9 PPM CO
19.3% O₂

Conscious

5.6% CH₄
6 PPM CO
19.4% O₂

B

5.4% CH₄
7 PPM CO
19.3% O₂

Battery
Scoop

5.3% CH₄
3 PPM CO
18.6% O₂

Conscious

B

5.6% CH₄
1 PPM CO
18.6% O₂

Battery
Scoop

BUILD

5.3% CH₄
6 PPM CO
20.2% O₂

WATER PUMP WITH 250 FEET OF POWER CABLE AND DISCHARGE LINE

BUILD

12 TIMBERS

Knee
Deep

8 BRATTICE CLOTH
Airtight

EXHAUSTING FAN OUTBY