

## 2013 KCA Pre-shift Contest

Good morning, I am \_\_\_\_\_ & this is \_\_\_\_\_ ,we will be your judges today. It is Monday morning & you are the pre-shift examiner for the Fox Run mine. Fox Run is a 3 unit mine that utilizes 1 continuous miner, 1 dual boom roof bolter, 2 diesel ramcars & 1 battery scoop on each section. You are to conduct a pre-shift examination of the MMU 003 section for the oncoming day shift. The 003 section is developing panels for a new longwall that we expect to have running by early next year. This section last produced coal on the evening shift Saturday, and several maintenance people were scheduled to work yesterday.

Number 1 entry is the beltline & secondary escapeway

Number 2 entry is the intake, travelway, & primary escapeway

Number 3 entry is the return

Please bring your report to the surface as soon as you have completed your examination. We have 2 roof bolters scheduled to come in early to load the bolter & they will go in when you have finished your report. All outby areas being examined by other certified persons. There is an EMT on the surface if you should need him. You will have 5 minutes to study the map, roof control plan & ventilation plan that you are about to receive . Good luck.

# 2013 KCA Pre-shift Contest

## Roof Control Plan

6 foot fully grouted bolts installed in entries & crosscuts

Test holes are to be drilled 24 inches above the length of the primary bolt in each intersection in by the power center

All places must be bolted within 24 hours

Last row of bolts must be marked

Bolt spacing is 4 foot advance, 4 feet wide to within 4 feet of the working face

Cuts must not exceed a depth of 20 feet

Entries & crosscuts must not exceed 20 feet wide

## 2013 KCA Ventilation Plan

Air quantity maintained in the last open crosscut shall be at least 14,000 CFM plus the total of all diesel haulage units used on the section

Exhaust face ventilation shall be used

A mean entry air velocity of 60 feet per minute shall reach any working face where coal is being cut or mined

A mean entry air velocity of 30 feet per minute shall reach any working place being bolted

Air quantity at each AMS station shall be at least 100 feet per minute

Belt air shall travel outby