

## **CONTESTANT STATEMENT**

You have been assigned to do a pre-shift examination of the 004 section. This includes all entries #1 through #3 inby the Mains. Entries are 20-feet wide by 8-feet high. The mine has a history of methane. Energizing / de-energizing equipment is handled through switches. All actions must be verbalized to the Judges. Gas readings and air readings will be handled through the Judges.

## VENTILATION PLAN

1. Ventilation devices shall be maintained to within 10 feet of the face.
2. Permanent ventilation (stoppings) shall be maintained up to and including the fourth connecting crosscut.
3. Air Quantities Required

<b>Working Face</b>	<b>12,000 CFM</b>
<b>Idle Face</b>	<b>3,000 CFM</b>
<b>Bolting Face</b>	<b>3,000 CFM</b>
<b>Last Open Crosscut</b>	<b>20,000 CFM</b>

4. Primary escapeway is located in the #3 intake entry. The alternate escapeway is located in the #2 Belt entry.

## Roof Control Plan

1. The Roof Control Plan requires 5-foot fully grouted resin bolts to be installed on 5-foot by 5-foot centers, with a minimum of 4 bolts per row.
2. Roof bolts are required to be installed to within 5 feet of the face.
3. The depth of mining cuts shall not exceed 20 feet as measured from the last row of permanent supports.
4. Faces shall be bolted within 24 hours of mining; except during equipment (roof bolter) breakdowns. Upon completion of repairs, bolting of un-supported faces shall immediately begin.
5. Travel in or inby un-supported openings to an intersection shall be restricted; except for conducting required examinations and necessary ventilation changes.

## ERP PLAN

1. Zone tracking with check in and check out for miners during system failures.

# Contestant Map

