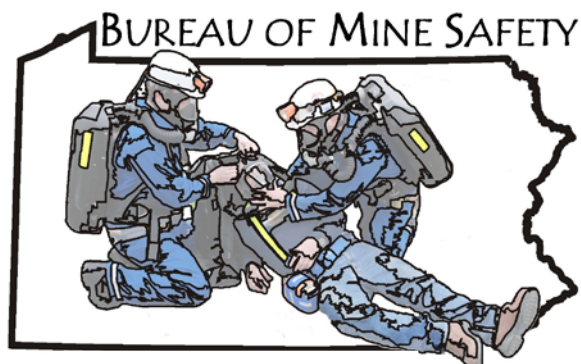


*Pennsylvania*  
*Department of Environmental Protection*  
*Bureau of Mine Safety*

**Joseph Sbaffoni**  
**Director; Bureau Mine Safety**



**May 11, 2011**

## Bureau of Mine Safety Offices

Uniontown

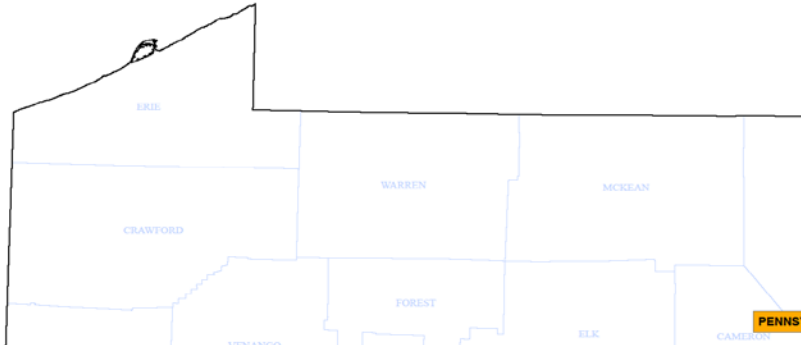
Pottsville

## 4 mine rescue stations

- **Uniontown**
  - 2 teams - Industrial Mineral
  - 2 teams - Coal/High Quality
- **Marion Center**
  - 2 Teams - Coal/AmFire
- **Ebensburg**
  - 2 Teams - Coal/Roxcoal
- **Tremont**
  - 2 Teams – Anthracite Operators



# Underground Mines



# Emergency Notification

- To give mine operators an efficient means of notifying the Bureau of Mine Safety of mine emergencies as they occur, the Department of Environmental Protection, Environmental Emergency Response Unit, allows the Bureau to use its emergency toll-free number

●Note: The mine operator requesting assistance can also directly contact Bureau personnel listed on the Emergency Notification list located at each mine

●When the emergency 800 number is activated, Bureau personnel are notified and deployed depending upon the situation.

Commonwealth of Pennsylvania Department of Environmental Protection



**TELEPHONE**

IN THE EVENT OF AN EMERGENCY OCCURRING AT THIS MINE,  
SUCH AS FIRE, EXPLOSION, INUNDATION, ENTRAPMENT,  
SERIOUS INJURY OR FATALITY.

**1-800-541-2050**

REPORT THE NATURE OF THE INCIDENT

By Order of the  
Director  
Bureau of Deep Mine Safety



# MINE RESCUE TEAM AGREEMENT

## Bituminous

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF MINE SAFETY

### COAL MINE RESCUE TEAM AGREEMENT

This AGREEMENT entered into by and between the Commonwealth of Pennsylvania, Department of Environmental Protection, Bureau of Mine Safety (hereinafter "DEP or Department"), and \_\_\_\_\_ (hereinafter "OPERATOR"), on this \_\_\_\_\_ day of \_\_\_\_\_, consists of the following:

WHEREAS, DEP has experience in training members of mine rescue teams regarding the use of self-contained breathing apparatus, or the other provisions to self contained breathing apparatus, first-aid, and mine rescue techniques and principles;

WHEREAS, DEP employs mine rescue instructors who have been approved by the U. S. Department of Labor, Mine Safety and Health Administration (hereinafter "MSHA");

WHEREAS, the OPERATOR desires to provide the mine rescue teams required by 30 CFR Part 49 by participating in mine rescue teams serving more than one mine;

WHEREAS, the Department desires to facilitate the OPERATOR's participation in mine rescue teams serving more than one mine;

WHEREAS, the OPERATOR desires to have the Commonwealth train its employees in mine rescue techniques and principles;

NOW, THEREFORE, in mutual consideration of the premises contained herein, the parties hereto intending to be legally bound hereby contract and agree as follows:

#### **I. A. Designation of employees to serve on mine rescue team.**

For each mine covered by this agreement, the OPERATOR agrees to provide at least one employee for mines with 36 or fewer underground employees, and at least two employees for mines with 37 or more underground employees to serve on the mine rescue team.

DEP shall use its discretion on administering composite/contract mine rescue team status based upon the needs of the mine rescue agreement to maintain compliance with the program.

Each employee designated by the OPERATOR shall be approved by DEP before the employee begins training.

The Operator shall give DEP a list of all mines to be covered by this agreement. This list shall identify the number of employees at each mine. The Operator shall, within 15 days, notify the Department of any change in the mines to be covered or the number of employees at a mine.

#### **B. Qualifications for designation as a mine rescue team member.**

In order to qualify for training in mine rescue and be a member of a mine rescue team, an individual must:

## Industrial Minerals

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF MINE SAFETY

### INDUSTRIAL MINERALS MINE RESCUE TEAM AGREEMENT

This AGREEMENT entered into by and between the Commonwealth of Pennsylvania, Department of Environmental Protection, Bureau of Mine Safety (hereinafter "DEP or Department"), and \_\_\_\_\_ (hereinafter "OPERATOR"), on this \_\_\_\_\_ day of \_\_\_\_\_, consists of the following:

WHEREAS, DEP has experience in training members of mine rescue teams regarding the use of self-contained breathing apparatus, first-aid, and mine rescue techniques and principles;

WHEREAS, DEP employs mine rescue instructors who have been approved by the U. S. Department of Labor, Mine Safety and Health Administration (hereinafter "MSHA");

WHEREAS, the OPERATOR desires to provide the mine rescue teams required by 30 CFR Part 49 by participating in mine rescue teams serving more than one mine;

WHEREAS, the Department desires to facilitate the OPERATOR's participation in mine rescue teams serving more than one mine; and

WHEREAS, the OPERATOR desires to have the Commonwealth train the OPERATOR'S mine employee(s) in mine rescue techniques and principles;

NOW, THEREFORE, in mutual consideration of the premises contained herein, the parties hereto intending to be legally bound hereby contract and agree as follows:

#### **I. A. Designation of employees for training.**

The OPERATOR's participating in the DEP mine rescue program shall provide at minimum 12 underground employees for to serve on mine rescue teams

Each employee designated by the OPERATOR shall be approved by DEP before the employee begins training.

The Operator shall give DEP a list of all mines to be covered by this agreement. This list shall identify the number of employees at each mine. The Operator shall, within 15 days, notify the Department of any change in the mines to be covered or the number of employees at a mine.

#### **B. Qualifications for designation as a trainee.**

In order to qualify for training in mine rescue and be a member of a mine rescue team, an individual must:

1. Be an employee of the OPERATOR'S mine and have been employed in an underground mine for one year in the past 5 years.

Miners who are employed on the surface but work regularly underground at the mine shall meet the experience requirement.

## Anthracite

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF MINE SAFETY

### ANTHRACITE UNDERGROUND RESCUE, INC. (AUGR) ANTHRACITE MINE RESCUE TEAM TRAINING AGREEMENT

This AGREEMENT entered into by and between the Commonwealth of Pennsylvania, Department of Environmental Protection, Bureau of Mine Safety (hereinafter "DEP or Department"), and Anthracite Underground Rescue, Inc. (hereinafter "AUGR"), on this \_\_\_\_\_ day of \_\_\_\_\_, consists of the following:

WHEREAS, DEP has experience in training members of mine rescue teams regarding the use of self-contained breathing apparatus, first-aid, and mine rescue techniques and principles;

WHEREAS, DEP employs mine rescue instructors who have been approved by the U. S. Department of Labor, Mine Safety and Health Administration (hereinafter "MSHA");

WHEREAS, AUGR desires to establish increased mine rescue capability;

WHEREAS, AUGR desires to have the Commonwealth train the AUGR'S mine employee(s) in mine rescue techniques and principles;

NOW, THEREFORE, in mutual consideration of the premises contained herein, the parties hereto intending to be legally bound hereby contract and agree as follows:

#### **I. A. Designation of employees for training.**

AUGR agrees to provide a minimum of 14 employees for training and mine rescue work.

If employment reaches 36 or more at an AUGR member mine, the mine agrees to provide 2 employees for training and mine rescue work.

Each employee designated by AUGR shall be approved by DEP before the employee begins training.

#### **B. Qualifications for designation as a trainee.**

In order to qualify for training in mine rescue, an individual must:

1. Presently be an employee of the AUGR member mine and have been employed in an underground mine for one year or more.

For the purpose of mine rescue work only, miners who are employed on the surface but work regularly underground at the mine shall meet the experience requirement.

2. Be able to meet any physical or experience requirements contained in 30 CFR Part 49 or otherwise established by MSHA.



# Ebensburg Station – Cambria/Somerset Bituminous Coal

## 1996 Mack- KME Rescue Vehicle



On board Master line oxygen pump system  
On board emergency lighting  
On board diesel 110/220 generator  
Double bowl sink with point of use hot water tank  
External potable water inlet  
Air conditioned/heat in workspace  
Side awning

### In station

Georgia SCBA parts dryer

- (1) Chest Freezer for icepack storage for SCBA's
- (1) Industrial Scientific M-4 docking/calibration station

- (26) Draeger BG-4 SCBA's
- (8) Spare "D" oxygen cylinders for BG-4 (SCBA)
- (1) 6100 Test-It unit Draeger BG-4
- (4) RZ-25 tester units for BG-4 SCBA
- (5) Industrial Scientific Ibred Oxygen/Methane/Carbon Monoxide detectors
- (25) Northern miner's cap lamps/with charger rack
- (1) Masterline oxygen pump
- (2) "K" size oxygen cylinders for refilling SCBA cylinders
- (2) Con-Space 1000+ foot lifeline communications system
- (1) Sound powered 1000-foot Lifeline communications systems
- (3) Kenwood TK-300 UHF programmable walkie-talkies
- (2) Emergency first responder First Aid kits
- (2) Fernco Mine Rescue stretcher
- (1) Draeger BG-4 parts dryer
- (2) Military-style canvas rescue stretchers
- (1) Garmin Nuvee GPS navigator
- (1) Draeger Thermal Imaging camera
- (2) Magnetic mine rescue map boards
- Mine tools
- (1) Med-Sled



# Uniontown Station – Western Pennsylvania

## Industrial Minerals/Coal

### 2007 Chevrolet 7500 Rescue vehicle



On board Master line oxygen pump system  
On board emergency lighting  
On board diesel 110/220 generator  
Double bowl sink with point of use hot water tank  
External potable water inlet  
Air conditioned/heat in workspace  
Dual side awnings

#### In station

Georgia SCBA parts dryer

- (1) Chest Freezer for icepack storage for SCBA's
- (1) Industrial Scientific M-4 docking/calibration station

- (16) Drager BG-4 SCBA's
- (16) Spare "D" oxygen cylinders for BG-4 SCBA's
- (20) Northern miner's cap lamps/with charger rack
- (5) Industrial Scientific Ibred Oxygen/Methane/Carbon Monoxide detectors
- (1) 6100 Test-It unit Drager BG-4
- (3) RZ tester units for BG-4 SCBA
- (2) Con-Space 1000+ foot lifeline communications system
- (3) Kenwood TK-300 UHF programmable walkie-talkies
- (1) Sound powered 1000-foot Lifeline communications systems
- (1) Emergency first responder First Aid kits
- (1) Stokes rescue stretcher
- (4) "K" size oxygen cylinders for refilling SCBA cylinders (In station)
- Mine tools
  - (1) Drager BG 4 Dryer (Located on the Truck)
  - (1) MSA Evolution 5000 series Thermal imaging camera
  - (1) Tool box containing various Wrenches, Screwdrivers, Pliers etc.
  - (2) Fernco Mine Rescue stretcher
  - (1) Garmin Nuvee GPS navigator
  - (2) Magnetic mine rescue map boards
  - (1) Med-Sled



# Marion Center Station – Cambria/Indiana Bituminous Coal

## 2009 Ford 550 Utility/trailer



- 2,500 lbs capacity winch
- (26) Draeger BG-4 SCBA's
- (10) Spare "D" oxygen cylinders for BG-4 self-contained breathing apparatus (SCBA)
- (1) 6100 Test-It unit Draeger BG-4
- (1) Rz-25 test unit
- (25) Northern miner's cap lamps/with charger rack
- (2) Con-Space 1000+ foot lifeline communications system
- (3) Sound powered 1000-foot Lifeline communications systems
- (3) Kenwood TK-300 UHF programmable walkie-talkies
- (2) Fernco Mine Rescue stretcher
- Air conditioned/heat in workspace
- (5) Industrial Scientific Ibred Oxygen/Methane/Carbon Monoxide detectors
- DM6 Dry mask SCBA parts dryer
- Garmin Nuvee GPS navigator
- Draeger Thermal Imaging camera
- (4) mine rescue map boards
- (1) Med-Sled

- On board Master line oxygen pump system
- On board emergency lighting
- On board diesel 110/220 generator
- Double bowl sink with point of use hot water tank
- External potable water inlet
- Air conditioned/heat in workspace
- Dual side awnings

### In station

- Georgia SCBA parts dryer
- (1) Chest Freezer for icepack storage for SCBA's
- (1) Industrial Scientific M-4 docking/calibration station





# Tremont Station – Schuylkill/Adams/ Anthracite Coal/Industrial Minerals

## 2001 Ford 550 4-wheel drive



On board Master line oxygen pump system  
On board diesel 110/220 VAC generator  
On board emergency lighting  
Pullout awning  
2500 lb. capacity lift gate

### In station

Georgia SCBA parts dryer  
(1) Chest Freezer for icepack storage for SCBA's

(16) Draeger BG-4 SCBA's  
(8) Spare oxygen cylinders for BG-4 SCBA's  
(5) Industrial Scientific Ibred Oxygen/Methane/Carbon Monoxide detectors  
(15) Koehler miner's cap lamps/with charger racks  
(1) Test-It unit Drager BG-4  
(2) RZ tester units for BG-4 SCBA  
(1) Con-Space 1000+ foot lifeline communications system  
(1) Sound powered 1000-foot Lifeline communications systems  
(3) Kenwood TK-300 UHF programmable walkie-talkies  
(2) Magnetic mine rescue map boards  
"K" size oxygen cylinders for refilling SCBA cylinders  
DM6 Dry mask SCBA parts dryer  
MSA Evolution 5000 series Thermal imaging camera  
Fernco Mine Rescue stretcher  
(1) Garmin Nuvee GPS navigator  
(11) Gear bags with Helmets, coveralls, boots, gloves, and mine belts  
Stokes basket  
Long back boards,  
(3) reeves sleeves, Large assortment of first aid equipment  
Super-jet-X foam generator, Bazooka air mover.....  
Mine tools...Repelling ropes in bags 300' per rope  
(2) equipment ropes 200' & 100'...(2) Brake ladders Sets  
(2 each) ascenders...(5) Large carabineers.....(13) Small carabineers  
Large single pulleys, (2) large double pulleys, (2) small single pulleys  
Sets (chest & seat) harnesses  
(2) Anemometers  
Emergency first responder First Aid kits  
(1) Med-Sled



# Special Medical Response Team SMRT

- The Bureau also conducts general safety and mine rescue training for the SMRT (Special Medical Response Team) located in Homer City, Pa, which can be called upon nationwide in a mine related emergency.

