



State of West Virginia

Department of Mines

Charleston 25305

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MEMORANDUM

TO: All Mine Operators in the State of West Virginia

FROM: Walter N. Miller

DATE: July 20, 1978

SUBJECT: Equipment Required for Emergency Medical Personnel

This memorandum supercedes and modifies this department's memorandum dated May 25, 1978, which prescribed a list of required equipment to be available to certified emergency medical attendants in the coal mines as provided in S22-2C-1. This modification was prepared in consultation with the Department of Health in an effort to clear up a number of questions and to provide more efficient location of the equipment.

The revised list essentially includes all of the items provided in the May 25 memorandum list; however, what it does is provide some guidelines and options on how the equipment may be assembled into kits and where the kits are to be located in the mines so as to be available to EMTs. It should be emphasized that this equipment is ONLY TO BE USED by certified EMTs.

The equipment listed below is divided into two groups:

- *1. A first response kit (items 1 thru 7).
- *2. A second response kit (items 1 thru 24).

The first response kits shall be continuously provided with the Emergency Medical Technician or provided all first-aid stations as required by section 22-2-59.

The second response equipment shall be located at a central strategic point or points to be approved by the Inspector-at-Large in the division the mine is located in, and immediately transported to the EMT in an emergency.

If companies or mines have alternate approaches which they want approved other than those two enumerated above, the department Inspector-at-Large should be consulted.

All first-aid equipment as required in Section 22-2-59 of the West Virginia Mining Law will be available at the request of the Emergency Medical Technician.

<u>Item No.</u>	<u>Quantity</u>	<u>Description</u>
*1	4	Oropharyngeal airways, assorted adult sizes
*2	1	Mouth-to-mask resuscitation device, with oxygen inlet or Bag Valve Mask
*3	4	Sterile ABD dressings, 5" x 9" or equal
*4	24	Sterile gauze sponges, individually wrapped, 4" x 4"
*5	2	Soft roller bandages, self adhering, 6" x 5 yds.
*6	2	Rolls adhesive tape, 3" x 10 yds.
*7	1	Pair bandage scissors, 7 1/2"
8	2	Sterile universal dressings, 10" x 30"
9	6	Soft roller bandages, self adhering, 4" x 5 yds.
10	2	Chest wound sealer, 2" x 3" with adhesive strips
11	4	Soft roller bandages, self adhering, 6" x 5 yds.
12	1	Rite stick
13	1	Blood pressure cuff (aneroid sphygmomanometer)
14	1	Stethoscope (diaphragm head)
15	1	Portable suction unit with large bore tip
16	1	Portable oxygen unit: pressure gauge; flowmeter indicator (adjustable 2-10 lpm); 300 liter ("D") cylinder or equal; delivery tube; mask and nasal cannula
17	1	Spare 300 liter ("D") cylinder or equal
18	1	Plastic disposable oxygen tubing, 6' (for mouth-to-mask device or Bag Valve Mask)
19	1	Half-ring lower extremity split with commercial limb-support slings, padded ankle hitch and traction apparatus
20	3	Foam cervical collars: Assorted Adult Sizes
21	2	Sterile sheet, disposable for burns
22	1	Sterile water, 1,000 ml
23	1	Bottle syrup of ipecac, one ounce ?
24	1	Vial activated charcoal capsules (50)

This memorandum supercedes and modifies this department's memorandum dated May 25, 1978, which prescribed a list of required equipment to be available to certified emergency medical attendants in all mines as provided in §22-20-1. This modification was prepared in consultation with the Department of Health in an effort to clear up a number of questions and to provide more efficient location of the equipment.

The revised list essentially includes all of the items provided in the May 25 memorandum list; however, what it does is provide some guidelines and options on how the equipment may be assembled into kits and where the kits are to be located in mines so as to be available to EMTs. It should be emphasized that this equipment is ONLY to be USED by certified EMTs. Use of some of the equipment by persons other than certified EMTs is not permitted.

The modified list includes 25 items (compared to 28 on the earlier list); however, seven items are designated as "first response" priority--and at least those seven items must be located on EVERY section of the mine, in addition to the first-aid equipment required under §22-2-59. If the seven-item "first response" kits are located on each section, then the complete 25-item kits must also be placed at a strategic point or points to be available to one or more sections. Or, you may satisfy the requirement by placing the 25-item kits on every section.

Some companies or mines may have other alternative approaches which they want to follow other than those two enumerated above. Department Inspectors-at-Large should be consulted.

You are encouraged to promptly provide this equipment.

REQUIRED EQUIPMENT FOR EMERGENCY MEDICAL ATTENDANTS

(The first seven items, at least, must be located on each section; additionally, the entire 25-item list must be placed at a strategic point or points to be available to one or more sections.)

<u>Item No.</u>	<u>Quantity</u>	<u>Description</u>
1	4	Oropharyngeal airways, assorted adult sizes
2	1	Mouth-to-mask resuscitation device, with oxygen inlet or Valve Mask
3	2	Sterile universal dressings, 10" x 30"
4	24	Sterile gauze sponges, individually wrapped 4" x 4"
5	2	Soft roller bandages, self adhering, 6" x 5 yds.
6	2	Rolls adhesive tape, 3" x 10 yds.
7	1	Pair bandage scissors, 7½"
8	1	Bito stick
9	4	Sterile A&D dressing, 5" x 9" or equal
10	6	Soft Roller bandages, self adhering, 4" x 5 yds.

<u>Item No.</u>	<u>Quantity</u>	<u>Description</u>
1	4	Sof Roller bandages, self adhering, 6" x 5 yds.
2	2	Chest wound sealer, 2" x 3" with adhesive strip
13	1	Blood pressure cuff (aneroid sphygmomanometer)
14	1	Stethoscope (diaphragm head)
15	1	Portable suction unit with large bore tip
16	1	Portable oxygen unit: Pressure guage; flowmeter indicator (adjustable 2-10 lpm); 300 liter ("D") cylinder or equal; delivery tube; mask and nasal cannula
17	1	Spare 300 liter ("D") cylinder or equal
18	1	Plastic disposable oxygen tubing, 6' (for mouth-to-mask device or Bag Valve Mask)
19	1	Half-ring lower extremity splint with commercial limb-support slings, padded ankle hitch and traction apparatus.
20	3	Foam cervical collars: Assorted adult sizes
21	12	Safety pins, large
22	2	Sterile sheets, disposable for burns
23	1	Sterile water, 1,000 ml
24	1	Bottle syrup of ipecac, one ounce
25	1	Vial activated charcoal capsules (50)