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INSTRUCTIONS

APPROVED
Gasfoe[®]
RESPIRATOR

**FOR EXPOSURE TO
LIGHT CONCENTRATIONS
OF ORGANIC VAPORS**

Part Number 76853

**U.S. Bureau of Mines
Approval No. 2310
U.S. Pat. Nos. 2,751,904 2,888,012
Great Britian Pat. No. 759,802**



**MINE SAFETY APPLIANCES COMPANY
PITTSBURGH, PENNSYLVANIA, U.S.A., 15208**

INSTRUCTIONS

1. Fit respirator on face, as illustrated, adjusting headbands to assure a tight seal. Metal prongs in the nose portion of the rubber face cushion may be bent to suit the contours around the nose bridge to



effect a good seal on any face. To check seal of facepiece remove cartridge, place palm of hand over hole and inhale gently. If the respirator is properly fitted, the wearer should not be able to breathe thru the respirator or feel any inward leakage of air around the edges of facepiece.

2. When any odors penetrate thru the respirator, it is a sign that the cartridge has served its useful life and should be renewed. To replace cartridge, simply pull used cartridge out and push new cartridge into facepiece body with a slight twisting action.

3. To remove and replace gasket ring:

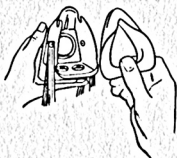
- (a) Remove gasket ring by inserting forefinger through hole from front, gripping gasket ring with forefinger and thumb and pushing upward and outward from the bottom.
- (b) To replace: center gasket ring (rigid side outward) over hole in facepiece from the front. Hold in this position with one hand and apply pressure. With forefinger of other hand pull on section extending through facepiece working the forefinger all around the periphery of gasket ring until the groove is seated in facepiece.

4. U.S. Bureau of Mines Approved Dust Filters (Static Web.) Package of 5 with clamp (Part No. 76887) to afford protection against toxic dusts that are not significantly more toxic than lead may be applied to the cartridge and held in place by means of a metal clamp. These are to be replaced when resistance to breathing becomes uncomfortable.

5. Clean and sanitize respirator after each wearing with M-S-A® CLEANER-SANITIZER, Pt. No. 34337 (25 — 1 oz. packages per carton).

- (a) Add one package (1 oz.) to a gallon of warm water (about 120°F.).
- (b) Remove cartridge and head-band, then immerse respirator in the solution and scrub gently with a soft brush until clean.
- (c) Rinse in plain warm water (about 120°F.) and then air dry.

6. Replace rubber face cushion as follows:



Hold respirator in palm of hand and rubber face cushion in other hand.



Lay the rubber face cushion loosely across the open end of the respirator body with the shaped surface towards your face.



Insert the two prongs of facepiece into the mold-ed grooves under the nose pads of the rubber face cushion.



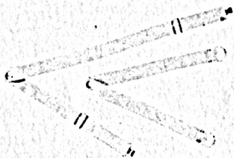
Fit the rubber face cushion over the exposed edge of the facepiece.



Face cushion in place.

7. Parts List for Gasfoe® Respirator.

When ordering replacement parts, please specify part number and give description.



Pt. No. 76890
Headband Set
Complete



Pt. No. 41501
Face Cushion
1 per box



Pt. No. 76883
Type G.M.A. Cartridge



Pt. No. 75416 Cover
Exhalation Valves



Pt. No. 76881
Exhalation Valves
Package of 2



Pt. No. 73024
Auto-Lok Gasket Ring

8. Accessory Equipment.

Pt. No. 76887 — Dust Filters (Static Web) U.S. Bureau of Mines Approved Package of 5 with clamp.

Pt. No. 76888 — Auxiliary Screens Package of 25.

Pt. No. 76889 — Clamp for Dust Filters and Auxiliary Screens.

Pt. No. 34349 — Vinyl Hood with lens.

Pt. No. 34348 — Lens only for Vinyl Hood.

Pt. No. 34337 — M-S-A® Cleaner-Sanitizer, 25 one-oz. packages per carton.

PERMISSIBLE NONEMERGENCY

GAS RESPIRATOR FOR ORGANIC VAPORS
OR ORGANIC VAPORS AND TOXIC DUSTS



APPROVAL NO.2310

ISSUED TO THE
MINE SAFETY APPLIANCES COMPANY
Pittsburgh, Pennsylvania, U. S. A.

Approved for respiratory protection in atmospheres not immediately dangerous to life which contain either toxic dusts that are not significantly more toxic than lead (dispersed) or particulate matter formed by the disintegration of solid materials by such processes as crushing, grinding and abrading), or not more than one-tenth (0.1) percent organic vapors by volume, or both.

The approved assembly for respiratory protection against organic vapors consists of: BM-2166A facepiece, and BM-2310 cartridge. The approved assembly for respiratory protection against organic vapors and toxic dusts consists of: BM-2166A facepiece, BM-2310 cartridge, BM-2310 filter, and BM-2310 filter retainer.

PERMISSIBLE RESPIRATOR FILTER
FOR TOXIC DUSTS



APPROVAL NO.2310

ISSUED TO THE
MINE SAFETY APPLIANCES COMPANY
Pittsburgh, Pennsylvania, U. S. A.

Approved only for protection against the inhalation of toxic or poisonous dusts that are not significantly more toxic than lead (dispersoids or particulate matter formed by the disintegration of solid materials by such processes as crushing, grinding, and abrading).

Approved for assembly with BM-2166A facepiece, BM-2310 cartridge, and BM-2310 filter retainer.

CAUTION

This filter removes only dispersoids from the air. It gives no protection against gases, vapors, or an insufficiency of oxygen.

PERMISSIBLE CARTRIDGE
FOR ORGANIC VAPORS



APPROVAL NO.2310

ISSUED TO THE
MINE SAFETY APPLIANCES COMPANY
Pittsburgh, Pennsylvania, U. S. A.

Do not wear in atmospheres immediately dangerous to life or containing more than one-tenth (0.1) percent organic vapors by volume.

For use with BM-2166A facepiece, or BM-2166A facepiece, BM-2310 filter and BM-2310 filter retainer.