U.S. BUREAU OF MINES
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APRIL 1949

UNITED STATES
DEPARTMENT OF THE INTERIOR
J. A. KRUG, SECRETARY

BUREAU OF MINES
JAMES BOYD, DIRECTOR

INFORMATION CIRCULAR

SUPPLEMENTAL LIST OF RESPIRATORY PROTECTIVE DEVICES APPROVED BY THE BUREAU OF MINES

ADDITIONS TO LIST PUBLISHED IN INFORMATION CIRCULAR 7444

BY

L. B. BERGER

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UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

SUPPLEMENTAL LIST OF RESPIRATORY PROTECTIVE DEVICES APPROVED BY THE BUREAU OF MINES[1]

Additions to List Published in Information Circular 7444

By L. B. Berger[2]

NEW APPROVALS

The following respiratory protective devices have been approved by the United States Department of the Interior, Bureau of Mines, since Information Circular 7444 was issued (March 1948):

Gas Masks Approved Under Schedules 14, 14A, 14B, 14D, and 14E

Type N: Universal Gas Masks

Universal gas masks with filters that afford respiratory protection against smoke from ordinary fires and limited respiratory protection against dusts, fumes, mists, and fogs but do not afford respiratory protection against the toxic smokes of warfare.

8. Willson WUG-N1 universal gas mask. Approval BM-1443, issued to Willson Products, Inc., May 25, 1948.

9. Bullard universal gas mask. Extension of approval BM-1443, issued to E. D. Bullard Co., January 12, 1949.

Supplied-air Respirators Approved Under Schedules 19 and 19A

Type C: Air-line Respirators

4. METCO air-line respirator. Extension of approval BM-1920, issued to Metallizing Engineering Co., Inc., December 8, 1948.

Type CE: Abrasive Blasting Helmets, Hoods, or Masks

9. M.S.A. abrasive mask. Approval BM-1920, issued to Mine Safety Appliances Co., April 30, 1948.

1/ The Bureau of Mines will welcome reprinting of this paper, provided the following footnote acknowledgment is used: "Reprinted from Bureau of Mines Information Circular 7513."

2/ Acting Chief, Health Branch, Bureau of Mines, Pittsburgh, Pa.

L. B. Berger, Supplemental List of Respiratory Protective Devices Approved by the Bureau of Mines, Information Cir... Published by AsbestosClaims.Law
ACL Doc 25201 · Page 2 of 4 asbestosclaims.law/library/25201/2

10. METCO abrasive mask. Extension of approval BM-1920, issued to Metallizing Engineering Co., Inc., April 30, 1948.

11. Bullard abrasive blasting helmet No. V. Approval BM-1921, issued to E. D. Bullard Co., September 9, 1948.

Dispersoid (Dust, Fume, and Mist) Respirators Approved Under Schedule 21

Pneumoconiosis-Producing and Nuisance Dust Respirators

These respirators are approved only for protection against the inhalation of pneumoconiosis- (silicosis- and asbestosis-) producing dusts, such as free silica and asbestos, and nuisance dusts, such as aluminum, cellulose, cement, charcoal, coal, coke, flour, gypsum, iron ore, limestone, and wood.

31. Pulmosan S-600 respirator. Approval BM-2158, issued to Pulmosan Safety Equipment Corp., March 1, 1949.

All-dust Respirators

These respirators formerly were designated "Type A and lead dust." Approval has been extended to cover all dusts.

17. A.O. R-5000 respirator. Approval BM-2156, issued to American Optical Co., June 23, 1948.

Fume Respirators

These respirators are approved for protection against the inhalation of fumes (solid dispersoids or particulate matter formed by the condensation of vapors such as those from heated metals and other substances).

4. Willson WHG-DFM3/ respirator. Approval BM-2155, issued to Willson Products, Inc., March 1, 1948.

5. Willson 750F respirator. Approval BM-2157, issued to Willson Products, Inc., August 12, 1948.

Nonemergency Gas Respirators (Chemical Cartridge Respirators) Approved Under Schedule 23

Type B: Organic Vapor Respirators

These respirators are approved for respiratory protection in atmospheres not immediately dangerous to life or containing not more than one-tenth (0.1) percent organic vapors by volume.

3/ This respirator is also approved for all dusts and for pneumoconiosis-producing, chromic acid, and nuisance mists.

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ACL Doc 25201 · Page 3 of 4 asbestosclaims.law/library/25201/3

4. Binks twin-cartridge respirator, type No. 8. Extension of approval BM-2301, issued to Binks Manufacturing Co., June 18, 1948.

NAMES AND ADDRESSES OF COMPANIES THAT HAVE RECEIVED APPROVAL

American Optical Co., Southbridge, Mass.
Binks Manufacturing Co., 3114 Carroll Avenue, Chicago 12, Ill.
E. D. Bullard Co., 275 Eighth Street, San Francisco, Calif.
Metallizing Engineering Co., Inc., 38-14 30th Street, Long Island City 1, N. Y.
Mine Safety Appliances Co., Braddock, Thomas, and Meade Streets, Pittsburgh, Pa.
Pulmosan Safety Equipment Corp., 644 Pacific Street, Brooklyn, N. Y.
Willson Products, Inc., Reading, Pa.

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ACL Doc 25201 · Page 4 of 4
asbestosclaims.law/library/25201/4