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bureau of mines
information circular 8436

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To be
redone
per EMD's list

tabbies
PLAINTIFF'S
EXHIBIT
43832.00

RESPIRATORY PROTECTIVE DEVICES
APPROVED BY THE BUREAU OF MINES
AS OF DECEMBER 31, 1968

A Revision of Information Circular 8281



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1969

tabbies
PLAINTIFF'S
EXHIBIT
WV-008215

ASBESTOS

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TABLE 2. - Dust, fume, and mist respirators approved as of December 31, 1968

Respirator	Approval number	Approved for respiratory protection against--					
		Pneumoconiosis-producing dusts	Toxic dusts	Pneumoconiosis-producing mists	Toxic mists	Toxic fumes	Highly toxic dusts, fumes, and mists, and radionuclides
							10 x TLV 100 x TLV
Cover 24.....	2111	X	-	-	-	-	-
Willson 200.....	2118	X	-	-	-	-	-
Cover 45.....	2124	X	X	-	-	-	-
Cover 40.....	2129	X	-	-	-	-	-
M-S-A [®] 10-16076.....	2132	X	-	X	X	-	-
A. O. R9100.....	2137	X	-	-	-	-	-
Safeline 5311.....	2137	X	-	-	-	-	-
A. O. R2017.....	2138	X	X	-	-	-	-
A. O. R9100T.....	2144	-	X	-	-	-	-
Safeline 5321.....	2144	-	X	-	-	-	-
Willson 780C and 880C.....	2149	X	X	X	X	X	-
Pulmosan L-815.....	2150	X	-	-	-	-	-
Willson 750DC.....	2151	X	X	-	-	-	-
Willson 5D and 45CD.....	2152	X	X	X	X	-	-
A. O. R2000.....	2154	X	X	-	-	-	-
DeVilbiss MSD-505.....	2154	X	X	-	-	-	-
Willson WHG-, WHGW-, and THGW-DEM.....	2155	X	X	X	X	X	-
Pulmosan L-810.....	2158	X	-	-	-	-	-
Pulmosan L-800.....	2160	X	X	-	X	-	-
Willson 6 and 460C.....	2161	X	X	X	X	-	-
Willson 860C.....	2162	X	X	X	X	-	-
A. O. R5056 and R6056.....	2163	X	X	X	X	X	-
Safeline 5241.....	2163	X	X	X	X	X	-
Pulmosan L-805.....	2165	X	X	-	-	-	-
M-S-A [®] 55 and 66.....	2166	X	X	X	X	-	-
Cesco 96.....	2167	X	X	-	-	-	-
M-S-A [®] 10-86430.....	2168	X	X	-	-	-	-
M-S-A [®] 10-86431.....	21B-69	X	X	X	X	X	-
Willson 600A.....	2170	X	X	X	X	-	-
Pulmosan C-261.....	2171	X	X	-	X	X	-
A. O. R2090.....	2172	X	X	X	X	-	-
Pulmosan C-264.....	2173	X	X	-	X	-	-
A. O. R5090.....	2174	X	X	X	X	-	-
Safeline 5265.....	2174	X	X	X	X	-	-
Welsh 7100.....	2175	X	X	X	X	-	-
Pulmosan L-801.....	21A-76	X	X	-	X	-	-
Cesco 90F.....	21A-77	X	X	X	X	-	-
A. O. R6030.....	21A-78	X	X	X	X	-	-
Welsh 7506.....	21A-79	X	X	X	X	-	-
Welsh 7406.....	21A-80	X	X	X	X	-	-
Safeline 5441.....	21A-81	X	X	X	X	-	-
Glendale GR-2000.....	21A-82	X	X	X	X	-	-
Bausch & Lomb 5R20.....	21A-82	X	X	X	X	-	-
Glendale GR-1000.....	21A-83	X	X	X	X	-	-
Bausch & Lomb 5R10.....	21A-83	X	X	X	X	-	-
A. O. R9166.....	21A-84	X	X	X	X	X	-
Safeline 5701.....	21A-84	X	X	X	X	X	-
A. O. R3030.....	21A-85	X	X	X	X	-	-
Welsh 7507.....	21A-86	X	X	X	X	X	-
A. O. R9155.....	21B-87	X	X	X	X	X	-
A. O. R8100.....	21B-88	X	X	X	X	-	-
Glendale GR-2025.....	21B-89	-	-	-	-	X	-
Bausch & Lomb 5R26.....	21B-89	-	-	-	-	X	-
M-S-A [®] 86432.....	21B-90	-	-	-	-	-	X
3M 8700.....	21B-91	X	X	X	X	-	-
Safeline 5550.....	21B-92	X	X	X	X	-	-
Safeline 5556.....	21B-93	X	X	X	X	X	-
Willson 1009.....	21B-94	-	-	-	-	-	X
Willson RFMW-809 and TFMW-809.....	21B-95	-	-	-	-	-	X
Willson WHGW-DEM and THGW-DEM.....	21B-96	X	X	X	X	X	X
M-S-A [®] 96000.....	21B-97	X	X	X	X	-	-
A. O. R5057.....	21B-98	-	-	-	-	-	X
Scott/Acme 639-1.....	21B-99	X	X	-	-	X	X
Scott/Acme 8201-R.....	21B-100	X	X	-	-	-	X
M-S-A [®] 88479.....	21B-101	X	X	X	X	X	X
M-S-A [®] 84303.....	21B-102	-	-	-	-	-	X
Protector R1054.....	21B-103	X	X	X	X	-	-

Used by King City Plant

9. DeVilbiss MSD-505 respirator (with MSD-506 filter). Extension of approval BM-2154, issued to The DeVilbiss Co., November 3, 1950, under schedule 21.

10. Pulmosan L-805 respirator (with L-805-7 filter). Approval BM-2165, issued to Pulmosan Safety Equipment Corp., December 11, 1950, under schedule 21.

11. Cesco No. 96 respirator (with 96-10 filter). Approval BM-2167, issued to Chicago Eye Shield Co., October 16, 1952, under schedule 21.

12. M-S-A[®] cat. No. 10-86430 respirator (with Type "F" filters). Approval BM-2168, issued to Mine Safety Appliances Co., October 13, 1955, under schedule 21A.

13. Willson No. 600A respirator (with R501 filter). Approval BM-2170, issued to Willson Products, Inc., January 18, 1956, under schedule 21A (pneumoconiosis-producing and toxic mists).

*Used at Ky
City Plant*

14. M-S-A[®] Ltd. "Dustfoe #55" respirator (with #55 filter). Extension of approval BM-2166, issued to Mine Safety Appliances Co., Ltd., March 28, 1956, under schedule 21 (pneumoconiosis-producing and toxic mists).

15. A. O. R2090 respirator (with R90 filter). Approval BM-2172, issued to American Optical Co., July 11, 1958, under schedule 21A (pneumoconiosis-producing and toxic mists).

16. Pulmosan C264 respirator (with C-264-7 filter). Approval BM-2173, issued to Pulmosan Safety Equipment Corp., August 26, 1958, under schedule 21A (toxic mists).

17. A. O. R5090 respirator (with R90 filters). Approval BM-2174, issued to American Optical Co., August 18, 1958, under schedule 21A (pneumoconiosis-producing and toxic mists).

18. Welsh No. 7100 respirator (with 7100-7 filter). Approval BM-2175, issued to Welsh Manufacturing Co., August 29, 1958, under schedule 21A (pneumoconiosis-producing and toxic mists).

19. Pulmosan L-801 respirator (with L-801-7 filter). Approval BM-21A-76, issued to Pulmosan Safety Equipment Corp., December 11, 1958 (toxic mists).

20. Cesco No. 90-F respirator (with 90-1 filter). Extension of approval BM-21A-77, issued to Chicago Eye Shield Co., January 11, 1962 (pneumoconiosis-producing and toxic mists).

21. A. O. R6030 respirator (with R30 filter). Approval BM-21A-78, issued to American Optical Co., September 20, 1962 (pneumoconiosis-producing and toxic mists).

22. Welsh No. 7506 respirator (with 7500-6 filters). Approval BM-21A-79, issued to Welsh Manufacturing Co., September 9, 1963 (pneumoconiosis-producing and toxic mists).

23. Welsh No. 7406 respirator (with 7500-6 filter). Approval BM-21A-80, issued to Welsh Manufacturing Co., September 9, 1963 (pneumoconiosis-producing and toxic mists).

24. Safeline 5265 respirator (with 5901 filter). Extension of approval BM-2174, issued to Safeline Products, January 24, 1964, under schedule 21A (pneumoconiosis-producing and toxic mists).

25. Safeline 5441 respirator (with 5905 filter). Extension of approval BM-21A-81, issued to Safeline Products, April 14, 1964 (pneumoconiosis-producing and toxic mists).

26. Glendale GR-2000 respirator (with F-10 filters). Approval BM-21A-82, issued to Glendale Optical Co., Inc., April 10, 1964 (pneumoconiosis-producing and toxic mists).

27. Glendale GR-1000 respirator (with F-10 filter). Approval BM-21A-83, issued to Glendale Optical Co., Inc., April 10, 1964 (pneumoconiosis-producing and toxic mists).

28. A. O. R3030 respirator (with R30 filter). Approval BM-21A-85, issued to American Optical Co., November 13, 1964 (pneumoconiosis-producing and toxic mists).

29. M-S-A[®] cat. No. 10-76859 respirator (with #66 filter). Extension of approval BM-2166, issued to Mine Safety Appliances Co., November 20, 1964, under schedule 21A (pneumoconiosis-producing and toxic mists).

30. A. O. R8100 respirator (with R100 filter). Approval BM-21B-88, issued to American Optical Co., July 9, 1965 (pneumoconiosis-producing and toxic mists).

31. Bausch & Lomb 5R20 respirator (with 5-15-10 filters). Extension of approval BM-21A-82, issued to Bausch & Lomb, Inc., December 8, 1965 (pneumoconiosis-producing and toxic mists).

32. Bausch & Lomb 5R10 respirator (with 5-15-10 filter). Extension of approval BM-21A-83, issued to Bausch & Lomb, Inc., December 8, 1965 (pneumoconiosis-producing and toxic mists).

33. 3M #8700 respirator (with #8701 filter). Approval BM-21B-91, issued to Minnesota Mining and Manufacturing Co., November 28, 1966 (pneumoconiosis-producing and toxic mists).

34. Safeline 5550 respirator (with 5950 filter). Approval BM-21B-92, issued to Safeline Products, January 17, 1967 (pneumoconiosis-producing and toxic mists).