

INDUSTRIAL RELATIONS BULLETIN

DATE 8/18/80	BULLETIN TITLE Industrial Hygiene	RESPONSIBLE DEPT Industrial Hygiene and Toxicology	BULLETIN NO 15
SUBJECT Respiratory Protection		SUPPLEMENT Respiratory Protection IR Bulletin Number 15	DATED 1/4/78

I. Scope and Application

This bulletin and previously issued bulletins on this subject provide guidelines for establishing respiratory protection practices at Company facilities to comply with OSHA and Corporate requirements. This bulletin also lists NIOSH-certified and Industrial Hygiene Services-approved respirators.

II. Minimal Acceptable Respiratory Protection Program

Minimum requirements to conserve employee health by use of respirators have been outlined in an Industrial Relations Bulletin (Employee Health Services Bulletin No. 6--Respiratory Protective Equipment--OSHA 1910.134, dated January 31, 1973). This bulletin reemphasizes Corporate responsibilities and summarizes OSHA requirements for respiratory protection procedures and assigns administrative and functional responsibilities to industrial hygienists, industrial physicians, safety engineers, and supervisory personnel. The bulletin underscores the Company's continuing responsibilities to use engineering controls, alteration of work practices, and administrative procedures wherever feasible to control exposures to toxic or nuisance airborne contaminants before respiratory protection is authorized.

When respirators must be used to protect employee health, OSHA and Corporate requirements for minimal acceptable respiratory protection programs include:

1. Written standard operating procedures governing selection and use of each type of respirator of each work operation shall be established. These procedures shall be available for review by Corporate staff industrial hygienists and OSHA compliance officers. Employees shall be familiar with these procedures.
2. Respirators shall be selected on basis of hazards to which employees are exposed. Degree of exposure is determined by industrial hygiene survey.
3. Employees shall be instructed and trained at sufficient intervals in proper use of assigned respirators and limitations of the respirators.
4. Respirators should be assigned to individual employees for their exclusive use.
5. Respirators shall be regularly cleaned and disinfected. Those issued for exclusive use by one employee should be cleaned after each day's use, or more often if necessary. Those used by more than one employee shall be thoroughly cleaned and disinfected before issuance to a different employee.
6. Respirators shall be stored in convenient, clean, and sanitary locations.
7. Respirators used routinely shall be inspected during cleaning. Worn or deteriorated parts shall be replaced. Respirators for emergency use, such as self-contained devices, shall be thoroughly inspected at least monthly and after each use.

8004 1149

PLAINTIFF'S EXHIBIT

FD-1067

SCF-FORD-2109

8. Appropriate surveillance of work area conditions and degree of employee exposure or stress shall be maintained.
9. There shall be regular inspection and evaluation to determine continued effectiveness of the program. A record shall be kept of inspection dates and findings for respirators maintained for emergency use.
10. Employees should not be assigned to tasks requiring respirators unless it has been determined they are physically able to perform the work and use the equipment. A physician shall determine what health and physical conditions are pertinent. The respirator user's medical status should be reviewed periodically.
11. Only NIOSH-approved respirators approved by Industrial Hygiene Services shall be used when available. The respirator furnished shall provide adequate respiratory protection against inhalation hazards for which it is designed.

III. Special Provisions for Certain Airborne Contaminants

Where respiratory protection must be worn to protect employee health as a result of excessive exposures to the following airborne contaminants, Industrial Hygiene Services shall be consulted to select appropriate respirators in accordance with government regulations and standards:

- | | |
|-------------------------------------|----------------------|
| a. Asbestos | f. Inorganic Lead |
| b. Vinyl Chloride | g. Inorganic Arsenic |
| c. Other OSHA-regulated Carcinogens | h. Acrylonitrile |
| d. Radioactive Isotopes | i. Cotton Dust |
| e. Coke Oven Emissions | |

It should be noted that the above list is not all inclusive, therefore, whenever there are any doubts or questions about the appropriateness or effectiveness of respiratory protective equipment, regardless of the airborne contaminant, the Industrial Hygiene Services Section should be consulted for guidance.

IV. Approved Respiratory Protective Devices

The following respiratory protective devices have been approved by the U.S. Department of the Interior (Mine Safety and Health Administration) and the U.S. Department of Health and Human Services (National Institute for Occupational Safety and Health) as well as Industrial Hygiene Services, Industrial Hygiene and Toxicology Department for protection against the indicated hazard.

IV. Approved Respiratory Protective DevicesA. SELF-CONTAINED BREATHING APPARATUS

BioMarine Part Numbers 45-600 and 45-100 (with part numbers 45-200 sorbent canister) 45-minute compressed-oxygen self-contained breathing apparatus.

Mine Safety Appliances Part Numbers 457153, 457154, 95066 and 96363, 1-hour compressed-air demand-type self-contained breathing apparatus.

Mine Safety Appliances Part Numbers 95069 and 96338, 1-hour compressed-air pressure-demand type self-contained breathing apparatus.

SurvivAir Part Numbers 9065-03 and 9865-03, 15-minute compressed-air demand-type self-contained breathing apparatus for escape only.

Scott part number 900000-00, 1-hour self-contained demand-type compressed-air breathing apparatus.

Scott part number 900014-00, 1-hour self-contained pressure-demand type compressed-air breathing apparatus.

Scott part number 900002-00, 15-minute self-contained demand-type compressed-air breathing apparatus.

Scott part number 900015-15, 15-minute self-contained pressure-demand-type compressed-air breathing apparatus.

SurvivAir part numbers 9038-00, 9038-02, 9838-00 and 9838-02, demand-type 1-hour compressed-air self-contained breathing apparatus.

SurvivAir part numbers 9038-20, 9038-22, 9838-20 and 9838-22, pressure-demand-type 1-hour compressed-air self-contained breathing apparatus.

Mine Safety Appliances part numbers 457150, 95061, 457151, and 95062, demand-type 15-minute compressed-air self-contained breathing apparatus.

Mine Safety Appliances part numbers 95063 and 460262, pressure-demand-type 15-minute compressed-air self-contained breathing apparatus.

IV. Approved Respiratory Protective Devices (Continued)B. SUPPLIED-AIR RESPIRATORS

Cesoo Safety Products PI-800 series, supplied-air respirators (types C or CE continuous-flow).

Scott part numbers 4616-11, -12, -15, -21, -22, and 25; and 4622-11, -12, -15, -21, -22, and -25, supplied-air respirators (type C continuous-flow type) with 4266-15, 4265-25, and 4264-50 air supply hose.

Scott part numbers 4616-18, -19, -28, and -29; and 4622-18, -19, -28, and -29, supplied-air respirators (type C continuous-flow type) with 4259-15, 4258-25, and 4257-50 air supply hose.

Scott part number 802230, supplied-air respirator (type C demand and continuous-flow type).

Scott part number 801548, supplied-air respirator (type C pressure-demand type).

Mine Safety Appliances part numbers 457165, 84283, 46539, 457164, 93928, and 94988, supplied-air respirators (type C demand class).

Mine Safety Appliances part numbers 460862, 460863, 460864, 460865, 461708, 461717, 461718, and 461719, supplied-air respirators (type C continuous-flow class).

Mine Safety Appliances part number 457623, supplied-air respirator (type B).

Mine Safety Appliances part numbers 460903, 460904, 460905, 460906, 461709, 461710, 461711, and 461712, supplied-air respirators (type C continuous-flow class).

Mine Safety Appliances part numbers 460907, 460908, 460909, 460910, 461713, 461714, 461715, 461716, supplied-air respirators (type CE continuous-flow class).

American Optical part number R6099, supplied-air respirator (type C and CE continuous-flow class).

American Optical part number 56001, supplied-air respirator (type C continuous-flow class). Approval TC-19C-89.

Mine Safety Appliances part numbers 457157, 93224, and 93225, supplied-air respirators (type C demand class).

Supplied-Air Respirators 3M-W298, supplied-air respirator (type C continuous-flow).

United States Safety Services Company Series 152, supplied-air respirator (type C continuous-flow).

3M - W298 supplied air respirator (type C continuous-flow).

United States Safety Services Company Series 152 supplied air respirator (type C continuous-flow).

AIR QUALITY: Compressed breathing air used for respiration shall be of high purity. As shown below breathing air must meet at least the requirements of the Compressed Gas Association specification for Grade "D" breathing air.

Oxygen	-	greater than 19.5%
Carbon monoxide	-	less than 20 ppm
Carbon dioxide	-	less than 1000 ppm
Objectionable odors	-	none

CLASSIFICATION OF HAZARDS FOR AIR PURIFYING RESPIRATORSCategory

1. Dusts and Mists: Approved for respiratory protection against dusts and mists having a time-weighted average not less than 0.05 milligram per cubic meter, 2 million particles per cubic foot, and asbestos-containing dusts and mists.
2. Dust, Fume and Mist: Approved for respiratory protection against dust, fumes, and mist having a time-weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot, and asbestos-containing dusts and mists.
3. Organic Vapors: Approved for respiratory protection against not more than one-tenth (0.1) percent organic vapors by volume. Do not wear for protection against organic vapors with poor warning properties or those which generate high heats of reaction with sorbent material in the cartridge.
4. Chlorine, Sulfur Dioxide, and Hydrogen Chloride: Approved for respiratory protection against not more than 10 parts per million chlorine, 50 parts per million hydrogen chloride, or 50 parts per million sulfur dioxide.
5. Ammonia: Methyl amine approved for respiratory protection against not more than 300 parts per million of ammonia, or 100 parts per million methyl amine.
6. Organic Vapors and Dusts and Mists: Approved for respiratory protection against not more than one-tenth (0.1) percent organic vapors by volume and against dusts and mists having a time-weighted average not less than 0.05 milligram per cubic meter, 2 million particles per cubic foot, and asbestos-containing dusts and mists.
7. Paint, Lacquer, Enamel Mists and Organic Vapors: Approved for respiratory protection against 1) mists of paints, lacquers, and enamels; 2) not more than 1000 parts per million organic vapors, or 3) any combination thereof.
8. Chlorine, Sulfur Dioxide, Hydrogen Chloride, and Dusts and Mists: Approved for respiratory protection against 10 parts per million chlorine, 50 parts per million sulfur dioxide, 50 parts per million hydrogen chloride, dusts and mists having a time-weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot, and asbestos-containing dusts and mists.
9. Organic Vapors, Chlorine, Sulphur Dioxide and Hydrogen Chloride: Approved for respiratory protection against not more than 1,000 parts per million organic vapors, 10 parts per million chlorine, 50 parts per million hydrogen chloride, or 50 parts per million sulfur dioxide.
10. Ammonia, Methyl Amine, and Dusts and Mists: Approved for respiratory protection against not more than 300 parts per million of ammonia, 100 parts per million of methyl amine dusts and mists having a time-weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot and asbestos-containing dusts and mists.

CLASSIFICATION OF HAZARDS (Continued)

Category

11. Organic Vapors, Chlorine, Hydrogen, Chloride, Sulfur Dioxide and Dusts and Mists: Approved for respiratory protection against not more than 1000 parts per million organic vapors, 10 parts per million chlorine, 50 parts per million sulfur dioxide, 50 parts per million hydrogen chloride, dusts and mists having a time-weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot, and asbestos-containing dusts and mists.
12. Pesticides: Approved for respiratory protection against pesticides. Maximum use concentrations will be lower than 0.1 percent where that concentration of organic vapors produces atmospheres dangerous to life or health. Not approved for fumigants.
13. Dust, Fume, Mist and Radionuclides: Approved for respiratory protection against dusts, fumes and mists having time-weighted average less than 0.05 milligram per cubic meter and radionuclides.

Note: Air purifying respirators are not to be used in atmospheres which contain less than 19.5% oxygen at sea level.

IV. Approved Respiratory Protective Devices (Continued)C. POWERED-AIR PURIFYING RESPIRATORS

Racal Airstream AH-3, respirator for protection as indicated in Category 2.

Racal Airstream AH-17, respirator for protection as indicated in Category 2.

Racal Airstream AH-5, respirator for protection as indicated in Category 1.

Racal Airstream AH-15, intrinsically safe respirator for protection as indicated in Category 1.

D. GAS MASKS

Mine Safety Appliances part numbers 461481, 461482, 461483, 461484, 461485 and 461486, gas masks (with part number 461480 canister) for respiratory protection against vinyl chloride.

Scott part numbers 601211-17 and 601221-17, gas masks (with part number 084-VCL canister) for respiratory protection against vinyl chloride.

Mine Safety Appliances part numbers 448979, 448980, 448981, and 448982, gas masks (with part number 448973 canister) for respiratory protection against ammonia and dusts and mists.

Mine Safety Appliances part numbers 448975, 448976, 448977, and 448978, gas masks (with part number 448974 canister) for respiratory protection against organic vapors and dusts and mists.

Mine Safety Appliances part numbers 460131, 460132, 460133, and 460134, gas masks (with part number 460113 canister) for respiratory protection against chlorine and dusts and mists.

IV. Approved Respiratory Protective Devices (Continued)E. DUST, FUME, AND MIST RESPIRATORS

3M Company part numbers 9900 and 9910, respirator for protection as indicated in Category 1.

Willson part number 1410, respirator for protection as indicated in Category 1.

Mine Safety Appliances part number 459440, respirator (with part number 459595 (10) or 459693 (100) filters) for protection as indicated in Category 1.

Mine Safety Appliances part number 459438, respirator (with part number 459321 filters) for protection as indicated in Category 2.

Mine Safety Appliances part number 459439, respirator (with part number 45932 filters) for protection as indicated in Category 2.

Mine Safety Appliances part number 96000 or 457344, respirator (with part number 96042 filters) for protection as indicated in Category 1.

Willson part number 560, respirator (500-series with R60 filter) for protection as indicated in Category 1.

Willson part number 1210, respirator (1200 series with R10 filters) for protection as indicated in Category 1.

Willson part number 1211, respirator (1200 series with R11 filters) for protection as indicated in Category 1.

American Optical part number R5030, respirator (with R30 filters) for protection as indicated in Category 1.

American Optical part number R6030, respirator (with R30 filters) for protection as indicated in Category 1.

Scott part numbers 662-1 and 662-2, respirators (with 502-R filter) for protection as indicated in Category 1.

Mine Safety Appliances part numbers 88479 and 457117, respirators (with part number 88480 filter) for protection as indicated in Category 13.

Mine Safety Appliances part number 460185, respirator (with part number 459322 filter) for protection as indicated in Category 1.

Mine Safety Appliances part number 461683, respirator (with part number 457481 filter) for protection as indicated in Category 1.

Mine Safety Appliances part number 460357, respirator (with part number 457481 filter) for protection as indicated in Category 1.

Glendale Optical part number GR-500, respirator for protection as indicated in Category 1.

American Optical part numbers R5057 and R6057, respirator (with part number R57 for protection as indicated in Category 13.

American Optical part numbers R5056 and R6056, respirator (with part number R56 filter) for protection as indicated in Category 2.

American Optical part number R8100, respirator (with part number R100 filter) for protection as indicated in Category 1.

Glendale part numbers GR2000 and GR4000, respirator (with part number F-10 filter) for protection as indicated in Category 1.

8/18/80

IV. Approved Respiratory Protective Devices (Continued)

E. DUST, FUME, AND MIST RESPIRATORS (Continued)

Pulmosan part number L800 (with part number C246-7 (TC-21C-157) filter) for protection as indicated in Category 1.

American Optical part number R2090N (with part number R90N (TC-21C-166 filter) for protection as indicated in Category 1.

3M Company part numbers W-250, W-252, W-253, and W-254 (with part number W-2031 filter) for protection as indicated in Category 13.

American Optical part number R8156 (with R156 filter) for protection as indicated in Category 2.

Glendale part numbers GR1000 and GR3000 (with F-10A filter) for protection as indicated in Category 1.

Scott Aviation part numbers 604035-00, 6413-2100, and 4611,2100 (with 64127-00 filter) for protection as indicated in Category 1.

Scott Aviation part numbers 4611-2050, 6413-2050, and 604022-50 (with 604412-50 filter) for protection as indicated in Category 1.

3M part number 8732 (Dust/Mist Pre-filter) and part number 8733 (Pre-filter Retainer) respirator parts for attachment to certain 3M brand respirators for protection as indicated in Category 1.

3M-9920 respirator for protection as indicated in Category 2.

American Optical - \$1050 respirator for protection as indicated in Category 1.

United States Safety Services Company Saf-Twist 150 Series Respirator with the following cartridges:

- U.S. Safety 158T10, 151T59, and P1159T58 respirator for protection as indicated in Category 1. (U.S. Safety 150T11)
- U.S. Safety 158T11 for-protection as indicated in Category 2. (U.S. Safety 150T11)
- U.S. Safety 158T20, 158T10 and 159T59 for protection as indicated in Category 6. (U.S. Safety 150T23)
- U.S. Safety 158T20, 158T24 and 159T59 for protection as indicated in Category 7. (U.S. Safety 150T24)
- U.S. Safety 158T21, 158T10 and 159T59 for protection as indicated in Category 8. (U.S. Safety 150T25)
- U.S. Safety 158T22, 158T10 and 159T59 for protection as indicated in Category 10. (U.S. Safety 150T27)
- U.S. Safety 158T26, 158T10 and 159T59 for protection as indicated in Category 11. (U.S. Safety 150T28)
- U.S. Safety 158T30 for protection as indicated in Category 12. (U.S. Safety 150T30)

Norton 7500 Series, 75BPOO Series and 7600 Series respirators with the following cartridges:

- Norton 7500-1, 7500-6 and 7500-14 cartridges for protection as indicated in Category 6. (Complete respirators 7511, 7511M, 75BP11, 75BP11M, 7611 and 7611S)
- Norton 7500-1, 7500-10 and 7500-26 cartridges for protection as indicated in Category 7. (Complete respirators 7531, 7531M, 75BP31, 75BP31M, 7631 and 7631S)

IV. Approved Respiratory Protective Devices (Continued)E. DUST, FUME, AND MIST RESPIRATORS (Continued)

Norton 7500 Series, 75BPOO Series and 7600 Series respirators with the following cartridges (continued):

- Norton 7500-2, 7500-6 and 7500-14 cartridges for protection as indicated in Category 8. (Complete respirators 7512, 7512M, 75BP12, 75BP12M, 7612 and 7612S)
- Norton 7500-3, 7500-6 and 7500-14 cartridges for protection as indicated in Category 11. (Complete respirators 7513, 7513M, 75BP13, 75BP13M, 7613 and 7613S)
- Norton 7500-4, 7500-6 and 7500-14 cartridges for protection as indicated in Category 10. (Complete respirators 7514, 7514M, 75BP14, 75BP14M, 7614 and 7614S)
- Norton 7500-6 cartridge for protection as indicated in Category 1. (Complete respirators 7506, 7506M, 7606 and 7606S)
- Norton 7500-8 cartridge for protection as indicated in Category 13. (Complete respirators 7508, 7508M, 75BP80, 75BP80M, 7680 and 7680S)
- Norton 7500-21 cartridge for protection as indicated in Category 12. (Complete respirator 7549, 7549M, 75BP49, 75BP49M, 7649 and 7649S)
- Norton 7500-81 cartridge for protection as indicated in Categories 3 and 13. (Complete respirators 7581, 7581M, 75BP81, 75BP81M, 7681 and 7681S)
- Norton 7500-82 cartridge for protection as indicated in Categories 4 and 13. (Complete respirators 7582, 7582M, 75BP82, 75BP82M, 7682 and 7682S)
- Norton 7500-83 cartridge for protection as indicated in Categories 11 and 13. (Complete respirators 7583, 7583M, 75BP83, 75BP83M, 7683 and 7683S)
- Norton 7500-84 cartridge for protection as indicated in Categories 10 and 13. (Complete respirators 7584, 7584M, 75BP84, 75BP84M, 7684, 7684S)

Cesco 95 Series Respirator with the following cartridges:

- RC15 respirator for protection as indicated in Category 1.
- RC16 respirator for protection as indicated in Category 2.
- RC125 respirator for protection as indicated in Category 12.

IV. Approved Respiratory Protective Devices (Continued)F. CHEMICAL CARTRIDGE RESPIRATORS

Mine Safety Appliances part number 459433 respirator (with part number 459315 cartridges) for respiratory protection as indicated in Category 6.

Mine Safety Appliances part number 459434 respirator (with part number 459316 cartridges) for respiratory protection as indicated in Category 8.

Mine Safety Appliances part number 459436 respirator (with part number 459318 cartridges) for respiratory protection as indicated in Category 10.

Mine Safety Appliances part number 459435 respirator (with part number 459317 cartridges) for respiratory protection as indicated in Category 11.

Willson part number 1221 respirator for protection as indicated in Category 3.

Willson part number 122110 respirator for protection as indicated in Category 6.

Willson part number 122113 respirator for protection as indicated in Category 6.

Willson part number 122114 respirator for protection as indicated in Category 7.

Willson part number AGRI-TOX-2 respirator for protection as indicated in Category 12.

American Optical part number R5051 respirator for protection as indicated in Category 3.

American Optical part number R6051 respirator for protection as indicated in Category 3.

American Optical part number R5052 respirator for protection as indicated in Category 9.

American Optical part number R6052 respirator for protection as indicated in Category 9.

Willson part number 122410 respirator for protection as indicated in Category 10.

Welsh part number 7531 respirator for protection as indicated in Category 7.

Mine Safety Appliances part number 448849 respirator (with part number 459315 cartridges and 448842 filters) for respiratory protection as indicated in Category 7

American Optical part numbers R5053 and R6053 respirators for protection as indicated in Category 9.

American Optical part numbers R5055 and R6055 respirators for protection as indicated in Category 6.

American Optical part number R8151 respirator for protection as indicated in Category 3.

American Optical part number R8153 respirator for protection as indicated in Category 9.

American Optical part number R8191P respirator for protection as indicated in Category 6.

American Optical part number R8151P respirator for protection as indicated in Category 6.

American Optical part number R5151P respirator for protection as indicated in Category 6.

American Optical part number R6051P respirator for protection as indicated in Category 6.

IV. Approved Respiratory Protective Devices (Continued)

F. CHEMICAL CARTRIDGE RESPIRATORS (Continued)

American Optical part number 5091P respirator for protection as indicated in Category 6.

American Optical part number R6091P for protection as indicated in Category 6.

American Optical part number C-251 for protection as indicated in Category 7.

American Optical part numbers R5054 and R6054 for protection as indicated in Category 5.

Scott Aviation part numbers 604022-13, 6411-2013 and 6413-2013 respirators for protection as indicated in Category 3

Scott Aviation part numbers 604032-13, 6411-2112 and 6413-2113 respirators for protection as indicated in Category 6.

Scott Aviation part numbers 604032-01, 6413-2101 and 6411-2101 respirators for protection as indicated in Category 8.

Scott Aviation part numbers 6411-2113 and 6413-2213 respirators for protection as indicated in Category 7.

3M-8713 respirator for protection as indicated in Category 6.

3M-8714 respirator for protection as indicated in Category 9.

3M-8716 respirator for protection against not more than 10 ppm vinyl chloride monomer (VCM).

3M-8727 respirator for protection as indicated in Category 10.

3M-8725 respirator for protection as indicated in Category 11.

United States Safety Services Company Saf-Twist 150 Series Respirator with the following cartridges:

- . U.S. Safety 158T20 for protection as indicated in Category 3 (U.S. Safety 150T20)
- . U.S. Safety 158T21 for protection as indicated in Category 4 (U.S. Safety 150T21)
- . U.S. Safety 158T22 for protection as indicated in Category 5 (U.S. Safety 150T22)
- . U.S. Safety 158T20, 150T10 and 159T59 for protection as indicated in Category 6 (U.S. Safety 150T22)
- . U.S. Safety 158T20, 158T24 and 159T59 for protection as indicated in Category 7 (U.S. Safety 150T24)
- . U.S. Safety 158T21, 158T10 and 159T59 for protection as indicated in Category 8 (U.S. Safety 158T25)
- . U.S. Safety 158T26 for protection as indicated in Category 9 (U.S. Safety 150T26)
- . U.S. Safety 158T22, 158T10 and 159T59 for protection as indicated in Category 10 (U.S. Safety 150T27)
- . U.S. Safety 158T26, 158T10 and 159T59 for protection as indicated in Category 11 (U.S. Safety 150T28)
- . U.S. Safety 158T30 for protection as indicated in Category 12 (U.S. Safety 150T30).

IV. Approved Respiratory Protective Devices (Continued)

F. CHEMICAL CARTRIDGE RESPIRATORS (Continued)

Cesco 95 Series Respirator with the following cartridges:

- . RC25 respirator for protection as indicated in Category 3.
- . RC55 respirator for protection as indicated in Category 4.
- . RC65 respirator for protection as indicated in Category 5.
- . RC85 respirator for protection as indicated in Category 9.
- . RC125 respirator for protection as indicated in Category 12.

Norton 7500 Series, 75BP Series and 7600 Series respirators with the following cartridges:

- . Norton 7500-1 cartridge for protection as indicated in Category 3. (Complete respirators 7501, 7501M, 75BP01, 75BP01M, 75BP01M, 7601 and 7601S)
- . Norton 7500-2 cartridge for protection as indicated in Category 4. (Complete respirators 7501, 7502M, 75BP02, 75BP02M, 7602 and 7602S)
- . Norton 7500-4 cartridge for protection as indicated in Category 5. (Complete respirators 7504, 7504M, 75BP04, 75BP04M, 7604 and 7604S)
- . Norton 7500-1, 7600-6 and 7500-14 cartridges for protection as indicated in Category 6. (Complete respirators 7511, 7511M, 75BP11, 75BP11M, 7611 and 7611S)
- . Norton 7500-1, 7500-10 and 7500-26 cartridges for protection as indicated in Category 7. (Complete respirators 7531, 7531M, 75BP31, 75BP31M, 7631 and 7631S)
- . Norton 7500-2, 7500-6 and 7500-14 cartridges for protection as indicated in Category 8. (Complete respirators 7512, 7512M, 75BP12, 75BP12M, 7612 and 7612S)
- . Norton 7500-3 cartridge for protection as indicated in Category 9. (Complete respirators 7503, 7503M, 75BP13, 75BP13M, 7613 and 7613S)
- . Norton 7500-4, 7500-6 and 7500-14 cartridges for protection as indicated in Category 10. (Complete respirators 7514, 7514M, 75BP14, 75BP14M, 7614 and 7614S)
- . Norton 7500-3, 7500-6 and 7500-14 cartridges for protection as indicated in Category 11. (Complete respirators 7513, 7513M, 75BP13, 75BP13M, 7613 and 7613S)
- . Norton 7500-21 cartridge for protection as indicated in Category 12. (Complete respirators 7549, 7549M, 75BP49, 75BP49M, 7649 and 7649S)
- . Norton 7500-81 cartridge for protection as indicated in Categories 3 and 13. (Complete respirators 7581, 7581M, 75BP81, 7681 and 7681S)
- . Norton 7500-82 cartridge for protection as indicated in Categories 4 and 13. (Complete respirators 7582, 7582M, 75BP82, 75BP82M, 7682 and 7682S)
- . Norton 7500-83 cartridge for protection as indicated in Categories 11 and 13. (Complete respirators 7583, 7583M, 75BP83, 75BP83M, 7683 and 7683S)
- . Norton 7500-84 cartridge for protection as indicated in Categories 10 and 13. (Complete respirators 7584, 7584M, 75BP84, 75BP84M, 7684 and 7684S)