

NIOSH

as of October 1, 1984

NIOSH CERTIFIED EQUIPMENT LIST

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Institute for Occupational Safety and Health

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AS OF OCTOBER 1, 1984

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February 1985

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DISCLAIMER

Mention of company name or product does not constitute endorsement by the National Institute for Occupational Safety and Health.

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as of

October 1, 1984

Abstract

The National Institute for Occupational Safety and Health, under authorization of the Federal Mine Safety and Health Act of 1977 and the Occupational Safety and Health Act of 1970, provides a testing, approval, and certification program assuring commercial availability of safe personal protective devices and reliable industrial hazard measuring instruments. NIOSH develops improved performance regulations, tests and certifies (or approves) devices, and purchases approved and certified products on the open market to verify the quality of manufacture.

This publication (a) lists products certified as of October 1, 1984, (b) contains tables of useful information concerning certified coal mine dust personal sampler units and respirators, (c) updates the lists of approval applicants, and (e) provides a list of test procedures for certification of the above products.

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INTRODUCTION

The Certification Branch (CB), Division of Safety Research (DSR), National Institute for Occupational Safety and Health (NIOSH), located at 944 Chestnut Ridge Road, Morgantown, West Virginia 26505, was established to assure that certain devices and instruments used for control and evaluation of occupational hazards meet minimum performance requirements necessary to protect workers' health and safety. The functions of the CB includes: (1) publishing certification requirements, (2) testing and certifying products meeting those requirements, (3) publishing lists of certified products, (4) surveying manufacturers plants to determine the acceptability of their quality assurance programs, (5) sampling products from the open market and testing them for continued conformance to certification requirements, and (6) performing research on development of new test methods and requirements for product improvement, where necessary to assure worker protection.

This publication replaces previous lists of devices certified by NIOSH or by NIOSH and the Mine Safety and Health Administration. It does not list any devices formerly approved by the Bureau of Mines.

Certification applicants have voluntarily withdrawn certain products from the market. This withdrawal is for a variety of reasons, and replacement parts for these products may or may not be available. Other products are currently not being sold. The status of this withdrawal, the availability of parts, and sale of other products is subject to change. These products are, therefore, not listed in this publication. NIOSH advises interested persons to call or write the CB (304/291-4334) and request available information on certified products that are not listed in this publication.

Except as it purchases equipment and supplies on the open market for quality control testing, NIOSH does not have frequent internal use for personal protective equipment. It therefore welcomes information from the user concerning NIOSH certified equipment. These comments and suggestions, responses to this publication, and requests for additional information on certified products can be sent to the Chief, Certification Branch, Division of Safety Research, NIOSH, 944 Chestnut Ridge Road, Morgantown, West Virginia 26505.

I. COAL MINE PERSONAL SAMPLER UNITS

COAL MINE DUST PERSONAL SAMPLER UNITS

I. Certification of Coal Mine Dust Personal Sampler Units.

A coal mine dust personal sampler unit (CMDPSU) consists of a pump, a charger, and a sampling head with a 10 mm nylon cyclone and a preweighted sealed filter cassette. It is used--as a unit--for collecting the mandatory coal mine atmosphere samples as required under the Federal Mine Safety and Health Act of 1977. The sampling requirements are detailed in Title 30, Part 70 of the Code of Federal Regulations.

All certified CMDPSU's must have prior approval by the Mine Safety and Health Administration, Department of Labor, to meet the 2G-2239 Electrical Permissibility requirements. The performance of the CMDPSU's is certified by NIOSH under Title 30, Part 74 of the Code of Federal Regulations. As of February 17, 1983, the following CMDPSU's are certified by NIOSH:

<u>CERTIFICATION</u>	<u>CERTIFICATE</u>	
<u>NUMBER</u>	<u>HOLDER</u>	<u>MODEL</u>
TC-74-015	MSA	G
TC-74-024	Bendix	C-115
TC-74-025	Bendix	Micronair II
TC-74-026	Bendix	BDX - 30/31 (also with tamperproof cassette)
TC-74-027	Bendix	BDX - 44
TC-74-028	MSA	G (tamperproof cassette)

NAMES AND ADDRESSES OF MANUFACTURERS AND DISTRIBUTORS

Bendix Corporation, Environmental & Process Instruments Division,
12345 Starkey Road, Largo, Florida 33540

Mine Safety Appliances Company, 3880 Meadowbrook Road, Murrysville,
Pennsylvania 15668

II. RESPIRATORY PROTECTIVE DEVICES



October 15, 1984

Centers for Disease Control
National Institute for Occupational
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944 Chestnut Ridge Road
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SPECIAL REPORT TO RESPIRATOR USERS
ON NIOSH RESPIRATOR PROBLEM INVESTIGATION

Between July 1, 1982, and August 1, 1984, the National Institute for Occupational Safety and Health (NIOSH) investigated 72 reports of problems involving defects or difficulties with Mine Safety and Health Administration (MSHA)/NIOSH-approved respirators. These reports were received from the following sources:

Source of Report	Number of Reports
NIOSH audit	26
Fire service	21
Other government agencies	13
Industrial	9
Labor union	2
Respirator manufacturer	1

Upon receipt of each report, NIOSH categorized it according to the following severity classification system:

- A. Report of a defect or difficulty which has caused or may cause immediate death, injury, or illness to the respirator user, such as sudden loss of breathing gas from a self-contained breathing apparatus before or during use;
- B. Report of a defect or difficulty which may cause future illness to the respirator user, such as lowered protection from a dust, fume, and mist respirator;
- C. Report of a defect or difficulty which will probably result in rejection of or refusal to use a respirator, such as high breathing resistance; and
- D. Report of a defect or difficulty which has no immediate or future relationship to the health and safety of the respirator user, such as an unapproved change that does not affect the performance of the respirator.

The 72 reports, received between July 1, 1982, and August 1, 1984, were classified for severity as follows:

Severity Classification	Number of Reports
A	25
B	6
C	33
D	7

Between July 1, 1982, and August 1, 1984, NIOSH issued 3 Respirator User Warnings and 10 Respirator User Notices, using a list of approximately 8500 Industrial Health and Safety organizations and personnel. NIOSH has been studying the effectiveness of this procedure for informing respirator users of the existence of problems involving defects or difficulties with MSHA/NIOSH-approved respirators.

It appears that with the valuable assistance of dedicated fire service personnel and organizations, NIOSH warnings and notices relating to fire fighting respirators rapidly reach a high percentage of persons who need that information. However, NIOSH warnings and notices relating to industrial respirators may be less effective. NIOSH will investigate ways to improve this situation during the forthcoming year.

After investigating a report of a problem, NIOSH is able to more completely define it. The reports received between July 1, 1982, and August 1, 1984, are defined as follows:

<u>Defect or Difficulty</u>	<u>Number of Reports</u>
Immediately dangerous to life or health	
Mechanical defect	15
Sudden loss of breathing gas	8
Temperature extreme	2
Respirator leakage	1
Not immediately dangerous to life or health	
Mechanical defect	17
Service life	7
Sorbent/filter dusting	5
Respirator leakage	4
Resistance	3
Chemical effects	2
Gradual loss of breathing gas	2
Packaging	2
Unapproved assembly	2
Facepiece irritation	1
Temperature extreme	1

NIOSH is continuing its program of working with respirator manufacturers and respirator users in investigation of reports of problems with MSHA/NIOSH-approved respirators. As indicated in the Guidelines for Reporting Respirator Problems, issued July 21, 1983, NIOSH encourages users who find problems with MSHA/NIOSH-approved respirators to report them directly to the respirator manufacturer, with a copy of the report to NIOSH. NIOSH will only take an active part in resolution of the defect or difficulty if the user and manufacturer are not successful, the situation is immediately dangerous to life or health, or it is one which may appear in other respirators currently in use.

The procedure of direct communication between the reporter and the manufacturer appears to be working satisfactorily. However, some reporters indicate difficulty in reaching a person at the manufacturer's facility with the authority and/or interest in resolving the problem. To assist future reporters, NIOSH has prepared the attached list of representatives of respirator manufacturers, who have been authorized to handle such reports in a timely manner.


John B. Moran

Attachment

NAMES AND ADDRESSES OF PERSONS WHO ARE RESPONSIBLE FOR
INVESTIGATION OF PROBLEMS WITH MSHA/NIOSH-APPROVED RESPIRATORS

Respirator Manufacturers

Mr. William Washburn
AGA Corporation
550 County Avenue
Secaucus, NJ 07094

Mr. Mark Theno
Air-Tek Company
6472 Flying Cloud Drive
Eden Prairie, MN 55344

Mr. Joseph Zdrok
American Optical Corp.
14 Mechanic Street
Southbridge, MA 01550

Mr. Ronald J. DeMeo
Clifton Precision
P.O. Box 303
Frederick, Delaware 19946

Mr. Raymond O. Day
Mr. Robert Meyer
Binks Manufacturing Co.
9201 W. Belmont Ave.
Franklin Park, IL 60131

Mr. Steve Boro
E. D. Bullard Company
2680 Bridgeway
Sausalito, CA 94965

Mr. John B. McCreadie
Cesco Safety Prod./Parmalee Ind.
U. S. Safety Service Co.
P.O. Box 1237
Kansas City, MO 64141

Mr. Martin Ziegler
Clifton Precision
Division of Litton Ind.
P. O. Box 303, Rt. 113
Frederica, DE 19946

Mr. W. F. Moon
Cover, H.S. Co.
107 East Alexander St.
Buchanan, MI 49107

Mr. S. B. Shearer
CSE Corporation
600 Seco Road
Monroeville, PA 15146

Mr. Carl M. Fink
Defense Apparel
285 Murphy Road
Hartford, CT 06114

Dr. Helmut Sieber
Draegerwerk AG Lubeck
Postfach 1339
2400 Lubeck 1
Federal Republic of Germany

Mr. Willie Yung
Louis M. Gerson Company
15 Sproat Street
Middleboro, MA 02346

Mr. Joel Kaufman
Glendale Optical Co.
130 Crossways Park Drive
Woodbury, NY 11797

Mr. Stephen H. Bates
Globe Safety Equipment, Inc.
PO Box 7248
Dayton, OH 45407

Mr. Ing. G. Cappa
Sekur S.p.A. - Pirelli Group
Via di Torrespaccata, 140
00169 Roma, ITALY
140-0016 Roma, Italy

Mr. Donald M. Dawson
International Safety Instruments, Inc.
PO Box 846
Lawrenceville, GA 30246

Mr. Bengt Sjärd
Interspiro AB
S-181 81 LIDINGO
Sweden

Mr. Ron Therrin
Lancs Industries
12704 N. E. 124th Street
Kirkland, WA 98033-4091

Mr. Robert E. Arroyo
Masprot SDafety Products Corp.
2655 Le Jeune Road Suite 302
Coral Gables, FL 33134

Mr. T. D. McConnell
Mine Safety Appliances Company
600 Penn Center Boulevard
Pittsburgh, Pennsylvania 15235

Mr. Donald P. Wilmes
3M Company 3M Center
Building 230-B-06
St. Paul, MN 55144

Mr. Albert Mintz
Moldex/Metrics, Incorporated
4671 Leahy Street
Culver City, California 90230

Mr. Les Boord
Mr. Wes Kenneweg
National Draeger, Inc.
P. O. Box 120
Pittsburgh, Pennsylvania 15230

Mr. Stephen C. Smith
National Mine Service Company
600 N. Bell Ave., Bldg. 2, Ste 110
Carnegie, Pennsylvania 15106

Mr. Ken Vaughn
Neoterik Health Tech., Inc.
P.O. Box 78
Mt. Airy, MD 21771

Ms. C. E. Chappron
North Safety Equipment
2000 Plainfield Pike
Cranston, RI 02920

Mr. Earl B. Jacobson
Nuclear Power Outfitters
PO Box 84
Crystal Lake, IL 60014

Mr. Pat Droppleman
Ocenco, Incorporated
400 Academy Drive
Northbrook, IL 60062

Mr. F. Levi-Senlgaglia
Pirelli Industrial Products
6 Ram Ridge Road
Spring Valley, NY 10977

Mr. James Powers
Portable Air Supply Systems Corp.
3500 Carnegie Avenue
Cleveland, OH 44115

Mr. M. D. Shroff
Pradeep Raja Bahadur Motilal Mansion
1st Floor 11/43 Tamarind Street
Fort Bombay - 400023, INDIA

Mr. Jay Parker
Pulmosan Safety Equipment Corp.
30-48 Linden Place
Flushing, NY 11354

Mr. Donald Burd
Racal Airstream, Inc.
7309A Grove Road
Frederick, MD 21701

Mr. John Moffa
Rexnord Safety Products
45 Great Valley Parkway
Malvern, PA 19355

Mr. Walter Anderson
Robertshaw Controls Co.
333 North Euclid Way
Anaheim, CA 92803

Mr. Gerald S. Gilbert
Romiro Technology
3500 Carnegie Avenue
Cleveland, OH 44115

Mr. Ian V. Maxwell
Sabre Safety, Ltd.
Ash Road, Aldershot
Hampshire, GU12 4DD
England

Mr. Ross Kusian
Safety and Supply Co.
5510 East Marginal Way South
Seattle, WA 98134

Mr. Robert Brennan
Scott Aviation
225 Erie Street
Lancaster, NY 14086

Mr. Simon Kugler
Siebe Gorman, Ltd.
Avondale Way, Cwmbran, Gwent, Wales
NP4 1 YR, Great Britain

Mr. Larry Schaefer
Standard Safety Equipment Corp.
P.O. Box 188
Palatine, IL 60067

Ms Antonette Bonfiglio
(Air-purifying respirators)
U.S.D. Corp.
3323 West Warner Ave.
Santa Ana, CA 92702

Mr. Brian Miller
(Atmosphere-supplying respirators)
U.S.D. Corp.
3323 West Warner Ave.
Santa Ana, CA 92702

Mr. Robert Bischler
Willson Safety Products
PO Box 622
Reading, PA 19603

Mine Safety and Health Administration

Mr. Kenneth P. Klouse
MSHA Approval and Certification Center
PO Box 251, Route 1
Triadelphia, WV 26059

National Institute for Occupational Safety and Health

Respirator Problem Coordinator
Division of Safety Research
NIOSH, CDC, PHS, HHS
944 Chestnut Ridge Road
Morgantown, WV 26505

HOW TO USE THE RESPIRATOR TABLES

Most readers of the "NIOSH Certified Equipment List" use it to answer two basic questions about respiratory protection:

1. What is the appropriate respirator to use? and,
2. Is this respirator approved?

The Respiratory Protective Devices (Respirator) Section is divided into two series of tables to allow the user to readily find the answers to these two questions.

Respirator Selection

The selection of an appropriate respirator for use in a given situation can only be made by carefully considering a series of interrelated environmental, equipment, work situation and human factors.

Once a selection by specific type is made, then a user can refer to Table 1 for a list of all approved devices of that type. These types are:

Self-Contained Breathing Apparatus
Gas Masks
Supplied Air Respirators
Dust, Fume and Mist Respirators
Chemical Cartridge Respirators
Vinyl Chloride Respirators

For example, if your need was for a self-contained breathing apparatus for use in escaping from a laboratory fire in which the travel distance to safety was 100 feet, then your choice might be an escape self-contained breathing apparatus with a relatively short duration or service life. Turning to the first table (on page 20) you would find that both the TC-13F-28 and TC-13F-28A approvals (among others) have been granted for escape self-contained breathing apparatus (ES) with a service life of 5 minutes.

Approval Model IC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi
28	Robertshaw Controls	900-002-268 900-002-268-11 900-002-268-12 Model 5000	A	5 min.	H/H	ES,CF	Fm	--	--

28A	Lear Sigler	5500	A	5 min.	H/H	ES,CF	Bm	--	--
-----	-------------	------	---	--------	-----	-------	----	----	----

You would also find that both respirators have helmets or hoods (H/H) to protect the eyes and face.

If, on the other hand, you were equipping the plant fire brigade to fight the laboratory fire you might choose a 30-minute duration, full facepiece (FF), open circuit pressure demand (OPD) self-contained breathing apparatus. Again referring to the first table on page 20, you would find that the IC-13F-30 approval (among others) has been granted for such a respirator.

Approval number IC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi
30	MSA	95069, 96338 461696, 461946 4671947, 463814 463815, 461704 463831, 463833 470444, 470445, 470448, 470449	A	30 min.	FF	OPD	Bm	--	--

Abbreviations used are explained on page 15 and the manufacturers' addresses are in back of Table II on page 382.

Verification of Approval (Table II)

Most respirators consist of an assembly of several different components which are not necessarily interchangeable between approvals. The respirator may frequently be partially disassembled for maintenance or may become separated from the approval label required by 30 CFR 11.33(e). In such cases it is difficult to determine which components are parts of which approved assembly.

Major components are required, by 30 CFR 11.33(g), to be marked with the appropriate trade designation (number) to assist in the verification of the approved assembly.

Table II is a list of these component parts arranged by the approved assembly (TC number).

Table II-1. Self-contained breathing apparatus component parts, by approval number.

Approval number TC-13F-	Approval issued to	Model numbers(s)	Components parts, number(s) and description	
29	MSA (OD)	457152	470442	96680 or 95940, facepiece.
		457153	470443	449267, breathing tube assembly.
		457154	470446	94007 or 96337 or 460320, or 469619 cylinder
		96363	470447	and valve assembly.
		95066		93184, harness.
		463827		449911, regulator assembly.
		463830		(Below 32° F add 96671 or 89863 nose cup assembly to above).
		463832		
		463828		
		463829		
30	MSA (OPD)	95069	470444	96056, 96057, 89107, or 461614, facepiece.
		96338	470445	449267, breathing tube assembly.
		461704	470448	94007, 96337 or 460320, or 469619 cylinder and valve assembly.
		463831	470449	93184, harness.
		463833		449910, regulator assembly.
		461696		(Below 32° F add 455668 nose cup assembly to above).
		461946		
		461947		
		463814		
		463815		

If, for example, your maintenance shop cleans the self-contained breathing apparatus for your fire brigade (TC-13F-30) and a similar demand type SCBA (TC-13F-29) used by your maintenance men, confusion between the very similar facepieces could create a disastrous situation if they were inadvertently interchanged.

A quick look at Table II-1 on page 191 will show that the firemen get the 96056 facepieces designated 96056 and the maintenance men get those designated 96680.

More intricate questions can usually be answered by a representative of the manufacturer. For your convenience the addresses of the manufacturers are on page

Abbreviations used in lists

Respirator Type

- A Hose mask respirator, for entry into and escape from atmospheres not immediately dangerous to life or health, which consists of a motor-driven or hand-operated blower that permits the free entrance of air when the blower is not operating, a strong large-diameter hose having a low resistance to air flow.
- AE Supplied-air respirator. A type A supplied air respirator equipped with additional devices designed to protect the wearer's head and neck against impact and abrasion from rebounding abrasive material, and with shielding material such as plastic, glass, woven wire, sheet metal, or other suitable material to protect the window(s) of facepieces, hoods, and helmets which do not unduly interfere with the wearer's vision and permit easy access to the external surface of such window(s) for cleaning.
- B Supplied-air respirator. A hose mask respirator, for entry into and escape from atmospheres not immediately dangerous to life or health, which consists of a strong large diameter hose with low resistance to airflow through which the user draws inspired air by means of his lungs alone, a harness to which the hose is attached, and a tight-fitting facepiece.
- BE Supplied-air respirator. A type B supplied-air respirator equipped with additional devices designed to protect the wearer's head and neck against impact and abrasion from rebounding abrasive material, and with shielding material such as plastic, glass, woven wire, sheet metal, or other suitable material to protect the window(s) of facepieces, hoods, and helmets which do not unduly interfere with the wearer's vision and permit easy access to the external surface of such window(s) for cleaning.
- C Supplied-air respirators. An airline respirator, for entry into and escape from atmospheres not immediately dangerous to life or health, which consists of a source of respirable breathing air, a hose, a detachable coupling, a control valve, orifice, a demand valve or pressure demand valve, an arrangement for attaching the hose to the wearer and a facepiece, hood, or helmet.
- CE Supplied-air respirator. A type C supplied-air respirator equipped with additional devices designed to protect the wearer's head and neck against impact and abrasion from rebounding abrasive material, and with shielding material such as plastic, glass, woven wire, sheet metal, or other suitable material to protect the window(s) of facepieces, hoods, and helmets which do not unduly interfere with the wearer's vision and permit easy access to the external surface of such window(s) for cleaning.
- CF Continuous flow. Type C supplied air respirator which supplies respirable air at a constant flow.

CC Closed-circuit apparatus. An apparatus of the type in which the exhalation is rebreathed by the wearer after the carbon dioxide has been effectively removed and a suitable oxygen concentration restored from sources composed of: (i) Compressed oxygen; or (ii) Chemical oxygen; or (iii) Liquid-oxygen.

ODM Open circuit demand type - An apparatus in which the pressure inside the facepiece in relation to the immediate environment is positive during exhalation and negative during inhalation and from which exhalation is vented to the atmosphere and not rebreathed.

OPD Open circuit pressure demand type. An apparatus in which the pressure inside the facepiece in relation to the immediate environment is positive during both inhalation and exhalation and from which exhalation is vented to the atmosphere and not rebreathed.

GEN Oxygen generating respirator which supplies oxygen by means of a chemical reaction

Es(ES) Escape only respiratory devices providing protection only during escape from hazardous atmospheres.

SAR Supplied-air respirator. An airline respirator.

Pw Powered air-purifying respirator means a device equipped with a facepiece, hood, or helmet, breathing tube, canister, cartridge, filter, canister with filter, or cartridge with filter, and a blower.

Rp Replaceable filter. A filter which is discarded after excessive resistance renders it unsuitable for further use.

Ru Reusable filter. A filter which is cleaned and reused after excessive resistance renders it unsuitable for further use.

Su Single use. A respirator that is entirely discarded after excessive resistance, sorbent exhaustion, or physical damage renders it unsuitable for further use.

AG Acid gas

OV Organic vapor

Cl Chlorine

HCl Hydrogen chloride

SO₂ Sulfur dioxide

CO Carbon monoxide

NH₃ Ammonia

MA Methyl amine

VC Vinyl chloride

PH ₃	phosphine
H ₂ S	hydrogen sulfide
PLE	mists of paints, lacquer and enamel
PEST	Pesticide means (1) any substance of mixture of substances (including solvents and impurities) intended to prevent, destroy, repel, or mitigate any insect, rodent, nematode, fungus, weed, or other form of plant or animal life or virus, and (2) any substance or mixture of substances (including solvents and impurities) intended for use as a plant regulator, defoliant, or desiccant, as defined in the Federal Insecticide, Fungicide, and Rodenticide Act of 1947, as amended (7 U.S.C. 135-135k), excluding fumigants which are applied as gases or vapors or in a solid or liquid form as pellets or poured liquids for subsequent release as gases or vapors.
DFM	
D	Respirators, either with replaceable or reusable filters, designed as respiratory protection against dusts (1) having an air contamination level not less than 0.05 milligram per cubic meter of air; or (2) dusts having an air contamination level not less than 2 million particles per cubic foot of air.
F	Respirators, with replaceable filters, designed as respiratory protection against fumes of various metals having an air contamination level not less than 0.05 milligram per cubic meter.
M	Respirators, with replaceable filters, designed as respiratory protection against mists of materials having an air contamination level not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot.
H	Respirators, with replaceable filters, designed as respiratory protection against dusts, fumes, and mists having an air contamination level less than 0.05 milligram per cubic meter, and against radionuclides.
R	Respirators, with replaceable filters, designed as respiratory protection against radon daughters, and radon daughters attached to dusts, fumes, and mists.
A	Respirators, with replaceable filters, designed as respiratory protection against asbestos-containing dusts and mists.
S	Single-use dust respirators designed as respiratory protection against pneumoconiosis- and fibrosis-producing dusts, or dusts and mists.
AB	Abrasive blasting.

Service Life

3 min.	3 minutes
5 min.	5 minutes
15 min.	15 minutes
30 min.	30 minutes
45 min.	45 minutes
1 hr.	1 hour

Breathing Gas

A	Compressed Air
O	Compressed Oxygen

Facepiece Type

ON	Orinasal
FF	Full facepiece
H/H	Hood or helmet
MP(M)	Mouthpiece

Regulator, valve, or canister location

Fm	Facepiece mounted
Bm	Belt, chest, or side mounted

Airflow Class

Cf	Continuous flow
Dm	Demand
Pd	Pressure-demand

Hose Length and Pressure Range

These columns apply only to supplied air respirators (airline) or combination respirators with a supplied air component.

SELF-CONTAINED BREATHING APPARATUS (13F)

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval Issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
27	Rexnord	45-600 45-100	0	45 min.	FF	CC	Bm	--	--
28	Robertshaw	900-002-268-01* 900-002-268-01 900-002-268-11 900-002-268-12 Model 5000	A	5 min.	H/H	ES,CF	Fm	--	--
28A	Lear Siegler	5500	A	5 min.	H/H	ES,CF	Bm	--	--
29	MSA	457152, 470442 457153, 457154 463827, 463830 95066, 96363 463832, 463828 470443, 470446, 470447, 95071 466208, 463827, 466210	A	30 min.	FF	ODM	Bm	--	--
30	MSA	95069, 96338 461696, 461946 461947, 463814 463815, 461704 463831, 463833 470444, 470445, 470448, 470449 466209,	A	30 min.	FF	OPD	Bm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
32	Siebe-Gorman	013831.04 013831.05 013831.07	O	3 hr.	FF	ODM	Bm	--	--
33	U.S.D. Corp.	9081-14 9881-14	A	5 min.	FF	ES, ODM, SAR	Fm	4-250	50-125
34	U.S.D. Corp.	9081-12 9881-12	A	5 min.	FF	ES, ODM, SAR	Fm		
35	U.S.D. Corp.	9065-03, 9865-03*	A	15 min.	FF	ES, ODM	Fm	--	--
36	U.S.D. Corp.	9069-02 9069-11 9869-02 9869-11	A	5 min.	FF	ES, ODM	Fm	--	--
38	Drager	BG-174A/3 BG-174A/3h	O	3 hr.	FF	CC	Bm	--	--
*unavailable									
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
39	Scott	900000-00 900000-01 900000-05 900000-30 900000-31 900000-39 900000-50 900000-51 900000-60 900000-61	A	30 min.	FF	ODM	Bm	--	--
40	Scott	900014-00 900014-01 900014-05 900014-06 900014-12 900014-30 900014-31 900014-39 900014-50 900014-51 900214-00 900214-01 900214-05 900214-06 900214-50 900214-51	A	30 min.	FF	OPD	Bm	--	--
41	Scott	900002-00 900002-01 900002-05	A	15 min.	FF	ODM	Bm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
42	Scott	900015-00 900015-01 900015-05 900015-06	A	15 min.	FF	OPD	Bm	--	--
43	Globe	2540-W, 2540-B, obsolete 2550-W, 2550-B, obsolete 2526-W, 2526-B, obsolete 2552-W, 2552-B, obsolete	A	30 min.	FF	ODM	Bm	--	--
44	U.S.D. Corp.	9038-00 9038-02 9038-60* 9038-62* 9838-00* 9838-02*	A	30 min.	FF	ODM	Bm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
45	U.S.D. Corp. *Inactive	* 9038-20 9038-22 9038-70 9038-72 9838-20 9838-22 9838-70 9838-72 9848-20 9848-22 9849-20 9849-22 U9038-00 U9838-00 U9838-02 M9838-20 M9849-22 9838-20 9838-22 M9838-20	A	30 min.	FF	OPD	Bm		
	"	"							
	"	"							
	"	"							
	"	"							
	"	"							
	Active								
	Active								
	*Inactive								
	"								
	"								
	"								
	*Inactive								
46	MSA	457150 95061, 457151, 95068	A	15 min.	FF	ODM	Bm	--	--
47	MSA	95063, 461697 460262, 461703	A	15 min.	FF	OPD	Bm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
48	Scott	900006-00 900006-02 900006-08 900006-10 900006-11 900006-20 900006-21 900006-22 900006-23 900006-24 900006-25	A	3 or 5 min.	FF	ES, ODM, SAR	Bm	25-300	350-450
49	Scott	900007-00 900007-02 900007-08 900007-10 900007-11 900007-20 900007-21 900007-22 900007-23 900007-24 900007-25	A	3 or 5 min.	FF	ES, OPD, SAR	Bm	25-300	350-450
52	MSA	457156 456040	A	5 min.	FF	ES, ODM	Bm	--	--
53	U.S.D. Corp.	9081-13 9881-13	A	5 min.	FF	ES, OPD, SAR	FM	4-250	50-125
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
54	U.S.D. Corp.	9081-15 9881-15	A	5 min.	FF	ES, OPD, SAR	Fm	4-250	50-125
55	MSA	76753	A	5 min.	MP	ES, ODM	Bm	--	--
56	MSA	96395, 455938 455993 455994	A	10 min.	FF	ES, OPD, SAR	Bm	25-300	75-90
56A	MSA	304213 304194	A	10 min.	FF	ES, OPD, SAR	Bm	25-300	75-90
57	Drager	BG-174A/4 BG-174A/4h	O	4 hr.	FF	CC	Bm	--	--
58	Siebe-Gorman	014422.10	A	30 min.	FF	ODM	Fm	--	--
59	Siebe-Gorman	014422.11	A	30 min.	FF	OPD	Fm	--	--
60	Scott	900050-00 900050-01 900050-02 900050-03 900050-04 900050-05	O	4 hr.	FF	CC	In backpack	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
61	MSA	456989	A	5 min.	ON	ES,ODM	Bm	--	--
62	MSA	458178, 458479	A	5 min.	FF	ES,ODM,SAR	Bm	25-300	50-90
63	Robertshaw Controls	900-002-267 900-002-267-11/obsolete 900-002-267-11/obsolete	A	15 min.	ON,FF	ES,OPD,SAR	Fm	25-250	50-125
64	Robertshaw Controls	900-002-266 900-002-266-01 900-002-266-02 900-002-266-03 900-002-226-04 900-002-226-11 900-002-226-12 900-002-226-13 900-002-226-14	A	5 min.	ON,FF	ES,OPD,SAR	Fm	25-250	50-125
65	Robertshaw Controls	900-002-267 900-002-267-21/obsolete 900-002-267-31/obsolete	A	15 min.	ON,FF	OPD	Fm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
66	Scott	900055-01 900055-03 900055-02 900055-21 900055-30 900055-31 900055-04 900055-54 900055-55 900055-36 900055-40 900055-41 900055-36,-40,-41	A	5 min.	ON,FF	ES,ODM	Fm	--	--

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67	Scott	900055-09 900055-10 900055-17 900055-18 900055-05 900055-06 900055-32 900055-33 900055-58 900055-59 900055-50 900055-51	A	5 min.	ON,FF	ES,ODM,SAR	Fm	10-250	60-125
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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
68	Scott	900055-13 900055-14 900055-22 900055-23 900055-24 900055-25 900055-60 900055-61 900055-52 900055-53	A	5 min.	FF	ES,OPD,SAR	Fm	10-250	60-125
69	MSA	457159 456039	A	5 min.	FF	ES,ODM,SAR	Fm	25-300	50-100
70	MSA	460713 461698 466556	A	5 min.	FF	ES,OPD,SAR	Bm	25-300	50-100
71	Globe	2508	A	5 min.	FF	ES,ODM	Fm	--	--
72	Globe	2509	A	5 min.	FF	ES,ODM,SAR	Fm	25-100	50-70
73	Scott	900450-00 900450-01 900450-30 900450-31	A	30 min.	FF	ODM,SAR	Fm	0-300	60-115
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
74	Globe	2505, 2505-4	A.	15 min.	FF	ES,ODM,SAR	Fm	25-100	50-70
75	Globe	2503	A	15 min.	FF	ES,ODM	Fm	--	--
76	Scott	900455-00 900455-01 900455-10 900455-11 900455-20* 900455-21* 900455-30 900455-31 900455-40 900455-41 900455-50 900455-51	A	30 min.	FF	OPD,SAR	Fm	0-300	60-115
77	MSA	304330	0	10 min. 1 hour	MP	ES,CC	Bm	--	--
78	MSA	464213	0	1 hr.	MP	ES,CC	Bm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
79	Scott	900220-00 900220-01 900220-02 900220-03 900220-30 900220-31 900220-32 900220-33	A	30 min.	FF	ODM,SAR	Fm	0-300	60-115

80	Scott	900225-00 900225-01 900225-02 900225-03 900225-10 900225-11 900225-12 900225-13 900225-20 900225-21 900225-22 900225-23 900225-30 900225-31 900225-32 900225-33 900225-40 900225-41 900225-42 900225-43 900225-50 900225-51 900225-52 900225-53	A	30 min.	FF	OPD,SAR	Fm	0-300	60-115
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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
82	U.S.D. Corp. inactive "	9045-20 9045-22 9045-20 9845-22 9845-27 9845-28	A	30 min.	FF	OPD	Bm	--	--
83	MSA	465251	A	5 min.	ON	ES, ODM	Bm	--	--
84	Rexnord	BioPak 30	O	30 min.	FF	CC	Bm	--	--
85	Rexnord	BioPak 60	O	60 min.	FF	CC	Bm	--	--
86	U.S.D. Corp.	0028-00, -03	A	5 min.	HH	ES, CF	Bm	--	--
87	Drager	OXY-SR60A(B31230) OXY-SR60B(B31230)	O	60 min.	MP	ES, CC	Bm	--	--
88	Scott	802300-02	O	15 min.	HH	ES, CC	--	--	--
89	MSA	465182, 470450 465183, 465185 465186, 465199 465200, 465202 465203, 470451 470454, 470455	A	30 min.	FF	ODM, SAR	Bm	25-300	50-100
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
90	MSA	465188, 470453 465189, 465191 465192, 465205 465206, 465208 465209, 470456 470452, 470457	A	30 min.	FF	OPD, SAR	Bm	25-300	50-100
91	MSA	465184, 465187, 465201 465204	A	15 min.	FF	ODM, SAR	Bm	25-300	50-100
92	MSA	465190, 465193, 465207 465210	A	15 min.	FF	OPD, SAR	Bm	25-300	50-100
93	MSA	464775 464777 472676 472684 472677 472685	A	30 min.	FF	OPD, SAR	Bm	25-300	50-100
94	MSA	464776 464778	A	15 min.	FF	OPD, SAR	Bm	25-300	50-100
95	Scott	900460 900460-30 900460-31	A	60 min.	FF	ODM, SAR	Fm	0-300	60-115
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
96	Scott	900465-00 900465-01 900465-10 900465-11 900465-20 900465-21 900465-30 900465-31 900465-40 900465-41 900465-50 900465-51	A	60 min.	FF	OPD,SAR	Fm	0-300	60-115
97	PASS	700E	O	60 min.	MP	Es, CC	Bm	--	--
99	Siebe-Gorman	014422.16	A	30 min.	FF	OPD	Fm	--	--
100	Drager	PA80/R40280 4050225	A	30 min.	FF	OPD	FM		
100	National Drager	CR40280 4050225	A	30 min.	FF	OPD	FM		
101	CSE	AU-9A1	O	60 min.	MP	Es,CC	Bm		
102	ISI	707.114.00	A	30 min.	FF	OPD	Fm	--	--
103	Draeger	PA-80-22	A	30 min.	FF	OPD	Fm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
104	Ocenco	EBA 6.5	O	60 min.	MP	ES, CC	Bm	--	--
105	U.S.D. Corp.	9846-20 9846-22	A	60 min.	FF	OPD	Bm	--	--
106	Bendix (Clifton Precision)	7010000-1 7010000-2 7010300-1 7010300-2 7010300-3 7010300-4	A	30 min.	FF	OPD	Fm	--	--
107	Globe	2840-W, 2826-W 2850-W, 2940-W 2950-W, 2926-W 2952-W, 2952-W 2950 WSM, 2952 WSM 2926 WSM, 2826 WSM 2840 WSM, 2850 WSM 2852 WSM, 2940WSM C2840W, U2840W C2826W, U2826W C2850W, U2850W C2852W, U2852W	A	30 min.	FF	OPD	Bm	--	--
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
108	U.S.D. Corp.	9841-00/inactive 9841-01/inactive 9841-02/inactive 9841-03/inactive 9841-20/inactive 9841-21 9841-22/inactive 9841-23 9840-01, 9840-00 9840-03, 9840-02 9840-21, 9840-20 9840-23, 9840-22 9840-04, 9840-05	A	30 min	FF	OPD	Bm	-	-
109	PASS	720	O	60 min.	FF	CC, CF, Es	-	-	-
110	National Drager PA-80 4052013		A	60 min.	FF	ODM	Bm	-	-
110	National Drager C4052013		A	60 min.	FF	ODM	Bm	-	-
111	International Safety Instru.	ELSA 070.117.00	A	5 min.	HH	CF	-	-	-
112	Scott	900480-01	A	5 min.	FF	CF, Es	Fm	15-250	10-15
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
113	USD Corp	9871-32, 9871-33 9870-00, 9870-01 9870-02, 9870-03 9870-10, 9870-11 9870-12, 9870-13 9871-02, 9871-03/inactive 9871-10, 9871-11/inactive 9871-12, 9871-13/inactive 9871-20, 9871-21/inactive 9871-22, 9871-23/inactive 9871-30, 9871-31/inactive 9871-00, 9871-01/inactive 9870-20, 9870-21/inactive 9870-22, 9870-23/inactive 9870-30, 9870-31/inactive 9870-32, 9870-33/inactive	A	60 min.	FF	OPD	Bm	-	-
114	Scott	900210-00 900210-01 900210-30 900210-31	A	15 min.	FF	OPM	Fm	0-300	60-115

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
115	Scott	900215-00 900215-01 900215-10 900215-11 900215-20 900215-21 900215-40 900215-41 900215-50 900215-51 900215-30 900215-31	A	15 min.	FF	OPD	Fm	0-300	60-115
116	Scott	900055-42 900055-56 900055-57	A	5 min.	FF	OPD, ES	Fm	-	-
117	U.S.D. Corp.	9039-00 9040-00	O	60 min.	FF	ES, CC	Bm	-	-
118	Nat. Draeger	4059192, 4059193 4059194, 4059195 4059196, 4059197 4059198, 4059199	A	30 min (2216 psig)	FF	OPD	Fm	25-300	85-120
119	Nat. Draeger	4059200, 4059201 4059202, 4059203 4059204, 4059205 4059206, 4059207	A	30 min. (4500 psig)	FF	OPD	Fm	25-300	85-120
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
120	Nat. Draeger	4059184, 4059185 4059186, 4059187 4059188, 4059189 4059190, 4059191	A	15 min. (4500 psig)	FF	OPD	Fm	25-300	85-120
121	Globe	2809, 2809-4 C2809, C2809-4	A	5 min.	FF	OPD with series	Fm	25-250	00-75 3000 fittings 25-100 with series 6000 fittings
122	Globe	2805, 2805-4 C2805, C2805-4	A	15 min.	FF	OPD with series	Fm	25-250	00-75 3000 fittings 25-100 with series 6000 fittings
123	MSA	470199, 471955 471956, 471960 471957, 471961 471958, 471962 471959, 470740 471989, 471990 471991, 471992 471993, 471994 471995, 471996	A	5 min	FF	OPD	Bm	25-300	65-85
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
124	Scott	900555-01 900555-02 900555-03, 900555-04	A	5 min	FF	OPD,Es,	Fm	-	-
125	Scott	900550-01 900550-02 900550-03, 900550-04	A	5 min	FF	OPD,Es,	Fm	-	-
126	Scott	900565-01 900565-02 900565-03, 900565-04	A	5 min	FF	OPD	Fm	0-300	60-105
127	Scott	900560-01 900560-02 900560-03, 900560-04	A	5 min	FF	OPD	Fm	0-300	60-105
128	Bendix (Clifton- Precision)	7010200-1 7010200-2/3/4 Bendix Air 30HP	A	30 min.	FF	OPD	BM	-	-
129	Bendix (Clifton- Precision)	7010199-1 7010199-2 Bendix Air 60HP	A	60 min.	FF	OPD	BM	-	-
130	USD Corp.	9842-00, 9842-01 9842-02, 9842-03	A	30 min.	FF	OPD	BM	-	-
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
131	USD Corp.	9882-00, 9882-01 9882-02, 9882-03 9882-04, 9882-10 9882-11, 9882-12 9882-13	A	30 min.	FF	OPD	BM	25 50 75 100 150 200 250	35-125 38-125 40-125 45-125 55-125 60-125 75-125
132	AGA	4515	A	30 min.	FF	OPD	BM	-	-
133	AGA	4530	A	30 min.	FF	OPD	BM	-	-
134	AGA	915	A	5 min.	FF	OPD	BM	25-250	60-125
135	Bendix (Clifton- Precision)	7010420-1 7010420-2 7010420-3 7010420-4 7010420-5 7010420-6 7010420-7 7010420-8	A	30 min.	FF	OPD	BM	25-300	100-125
136	Bendix (Clifton- Precision)	7010421-1 7010421-2 7010421-3 7010421-4	A	30 min.	FF	OPD	BM	25-300	100-125
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
137	Bendix (Clifton Precision)	7010422-1 7010422-2 7010422-3, 7010422-4	A	60 min.	FF	OPD	BM	25-300	100-125
138	MSA	473649-473658 473625-473634	A	30 min.	FF	OPD	BM		
139	MSA	473268, 473269 474153, 474158	A	30 min.	FF	OPD	BM		
140	MSA	471528, 470884 474152, 474155	A	60 min.	FF	OPD	BM		
141	National Draeger	4059276, 4059277 4059278, 4059279	A	5 min.	FF	OPD	BM	25-300	85-120
142	MSA	473639, 473648 473615, 453624	A	30 min.	FF	ODM	BM		
143	MSA	474944, 474961	A	5 min.	FF	OPD	BM		
144	North Safety Equipment	802, 805 808, 8111	A	60 min.	FF	ODM	BM		
145	ISI	707.117.02	A	10 min.	HH	Es, CF	BM		
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number IC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
146	North Safety Equipment	803, 812, 806, 813 809, 814 815, 816	A	30 min.	FF	ODM	Fm		
147	North Safety Equipment	801, 804 807, 810	A	30 min.	FF	OPD	Fm		
148	MSA	474234, 474204, 474235, 474205, 474236, 474206, 474237, 474207, 474238, 474208, 474239, 474209, 474240, 474210, 474241, 474211	A	30	FF	ODM	Bm	15-300	85-90
149	MSA	475898, 474864 475899, 475865	A	15	FF	ODM	Bm	15-300	85-90
150	MSA	474218, 474188, 474219, 474189, 474222, 474192, 474223, 474193	A	60	FF	ODM	Bm	15-300	85-90
151	MSA	474217, 474187 474221, 474191	A	30	FF	ODM	Bm	15-300	85-90
Approval number IC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
152	MSA	475956, 475975 475957, 475976 475960, 475979 475961, 475980	A	60	FF	ODM	Bm	15-300	85-90
153	MSA	475995, 475974 475959, 475978	A	30	FF	ODM	Bm	15-300	85-90
154	MSA	474242, 474212 474243, 474213 474244, 474214 474245, 474215 475884, 475822 475885, 475823 475886, 475824 475887, 475825	A	30	FF	OPD	Bm	15-300	85-90
155	MSA	475900, 475866 475901, 475867	A	15	FF	OPD	Bm	15-300	85-90
156	MSA	474226, 474196 474227, 474197 474228, 474198 474229, 474199 474230, 474200 474231, 474201 474232, 474202 474233, 474203	A	30	FF	ODM	Bm		
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
157	MSA	475896, 475862 475897, 475863	A	15	FF	ODM	Bm	15-300	85-90
158	MSA	475816, 475810 475817, 475811 475820, 475814 475821, 475815	A	60	FF	ODM	Bm	15-300	85-90
159	MSA	474195 474225 475813 475819	A	30	FF	ODM	Bm	15-300	85-90
160	MSA	475964 475965 475968 475969 475983 475984 475987 475988	A	60	FF	ODM	Bm	15-300	85-90
161	MSA	475963 475967 475982 475986	A	30	FF	ODM	Bm	15-300	85-90
Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number IC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
162	MSA	475888, 475826 475889, 475827 475890, 475828 475891, 475829 475892, 475830 475893, 475831 475894, 475832 475895, 475833	A	30	FF	ODM	Bm	15-300	85-90
163	MSA	475902, 475868 475903, 475869	A	15 min.	FF	OPD	Bm	15-300	95-90
164	National Draeger	PA-80-ND	A	30 min.	FF	ODM	Bm		
165	ISI (International) Safety	707.127.00 707.127.01 707.127.02 707.127.03 707.127.04	A	5 min.	FF	ODM	Bm	25-300	80-100
166	Globe	2808 2809	A	5 min.	FF	OPD	Fm		
167	Globe	2803 2903	A	15 min.	FF	OPD	Fm		
Approval number IC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.

SELF-CONTAINED BREATHING APPARATUS APPROVED BY MSHA/NIOSH

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
168	MSA	476007 476008 476011 476012	A	15 min.	FF	ODM	Fm		

169	MSA	476009 476010 476013 476014	A	15 min.	FF	OPD	Fm		
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Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose length ft.	Pressure range psi.
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GAS MASKS (14G)

GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}
82	MSA	455299	Es	M	X
83	Drager	810 910	Es	M	X
84	MSA	461481, 461482, 461483, 461484, 461485, 461486	Bm	FF	X
85	Scott	601211-17 601221-17 601111-17, 601121-17 601511-17, 601521-17	Bm	FF	X
86	MSA	448983, 448984,	Fm	FF	X H,A
87	MSA	448975, 448976, 448977, 448978	Fm	FF	X D,M
88	MSA	448979, 448980 448981, 448982	Fm	FF	X D,M
89	MSA	460131, 460132 460133, 460134	Fm	FF	X D,M
Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}
					OV CI S02 CO NH3 MA VC PEST DFM AG H2S PH3

GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}	
					OV	CL S02 CO NH3 MA VC PEST DFM AG H2S PH3
91	Siebe-Norton	7820, 7820S, 7820N 7829, 7829S, 7820SN 7829N, 7829SN All models above obsolete	Bm	FF		X
92	MSA	461133, 461134 461140, 461141	Fm	FF	X	D,M
93	Willson	2164F, 2264F	Fm	FF	X	X D,F,M
94	Willson	2161F, 2261F	Fm	FF	X	X D,F,M
95	Willson	2162F, 2262F	Fm	FF	X	D,F,M
96	MSA	465331, 465327 471839, 471940	Bm	FF	X	X H,A X
97	MSA	448932, 448933, 448934, 448935, 448920, 448921, 448922, 448923, 448924, 448925	Bm	FF	X	D,M
98	MSA	460125, 460126 460127, 460128 460129, 460130	Bm	FF	X	X D,M X X Escape/15 ppm Entry Only/1500 ppm Escape Only
Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}	
					OV	CL S02 CO NH3 MA VC PEST DFM AG H2S PH3

GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}				
					OV	CL	S02	CO	NH3 MA VC PEST DFM AG H2S PH3
99	MSA	448940, 448941 448942, 448943	Bm	FF	X				X H
100	MSA	460119, 460120, 460121, 460122 460123, 460124	Bm	FF	X				D, M X
101	MSA	448926, 448927 448928, 448929 448930, 448931 448936, 448937 448938, 448939	Bm	FF	X				D, M
102	Scott	6030-1108* 6030-1208* 6030-2208* 6030-2108* 6030-3108* 6030-3208* 6030-4108* 6030-4208* 6030-5108* 6030-5208*	Fm, ES	FF	X				D, M
Replaced by TC-14G-130									
103	Scott	6030-1104* 63-AM, 6030-1204* 6030-2104* 63F-AM, 6030-2204* 6030-3104* 63FG-AM, 6030-3204* 6030-4104* 63R-AM, 6030-4204* 6030-5104* 63S-AM, 6030-5204*	Fm, ES	FF			X	X	D, M
*obsolete									
Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}				
					OV	CL	S02	CO	NH3 MA VC PEST DFM AG H2S PH3

GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Type of respiratory protection ^{3/}
					OV Cl SO2 CO NH3 MA VC PEST DFM AG H2S PH3
104	Scott	6030-1113* 63-OV, 6030-1213* 63F-OV, 6030-2113* 63R-OV, 6030-2213* 63S-OV, 6030-3113* 63FG-OV, 6030-3213* 6030-4113* 6030-4213* 6030-5113* 6030-5213*	Fm, Es	FF	X D,M.
105	MSA	466225 466226	Fm, Es	FF	X H,A
106	MSA	466231 466232	Fm, Es	FF	X H
107	MSA	466227 466351 466228 466350	Fm, Es	FF	X D,M X and formaldehyde
108	MSA	466229 466230	Fm, Es	FF	X H,A
109	MSA	Replaced by TC-14G-101			
*obsolete					
Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Type of respiratory protection ^{3/}
					OV Cl SO2 CO NH3 MA VC PEST DFM AG H2S PH3

GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/} OV CI S02 CO NH3 MA VC PEST DFM AG H2S PH3
110	Siebe-Norton	7601L obsolete 7601LN 7601LS obsolete 7601LSN	Fm	FF	X
111	Siebe-Norton	7604L 7604LS	FM	FF	X
112	MSA	469039, 469040	FM, ES	FF	X X X DFM.
113	MSA	468921	FM, ES (combination type C, cont.	ON	X H,A flow 35-40 psig; 25-300 ft. hose)
114	MSA	468922	FM, ES (combination type C, cont.	ON	X H,A flow 35-40 psig; 25-300 ft. hose)
115	MSA	469268 469269	FM (combination type C, cont.	FF	X H,A flow 35-40 psig; 25-300 ft. hose)
116	MSA	469270	FM, ES (combination type C, cont.	ON	X H,A flow 35-40 psig; 25-300 ft. hose)
Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/} OV CI S02 CO NH3 MA VC PEST DFM AG H2S PH3

GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}
117	Scott	6030-1157* 63-OV-H, 6030-1257* 63-OV-H, 6030-2157* 63FG-OV-H, 6030-2257* 63R-OV-H, 6030-3157* 63S-OV-H, 6030-3257* 6030-4157* 6030-4257* 6030-5157* 6030-5257*	FM, ES	FF	X H
118	Scott	6030-1175* 63-TEDA-H, 6030-2175* 63F-TEDA-H, 6030-3175* 63FG-TEDA-H, 6030-4175* 63R-TEDA-H, 6030-1275* 63S-TEDA-H, 6030-2275* 6030-3275* 6030-4275* 6030-5175* 6030-5275*	FM, ES	FF	X H
119	Pirelli	4333.2011	Fm, ES	FF	X
120	Pirelli	4333.2014	Fm, ES	FF	X H
121	Pirelli	4333.2012	Fm, ES	FF	X
*obsolete					
Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/}
					OV CI S02 CO NH3 MA VC PEST DFM AG H2S PH3

GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/} OV CI SO2 CO NH3 MA VC PEST DFM AG H2S PH3
122	Racal	BE 3/A	PW	FF	X
123	Racal	BE 7/B	PW	FF	X and hydrogen chloride
124	MSA	472886, 472887	Fm, ES Combination Type C, Con't Flow	FF	X H,A 35-40 psig and hose length 25-300 feet
125	MSA	472882, 472883	Fm, ES Combination Type C, Con't Flow	FF	X D,M 35-40 psig; hose length 25-300 feet
126	MSA	472884, 472885	Fm, ES Combination Type C, Con't Flow	FF	X D,M 35-40 psig; hose length 25-300 feet
127	Willson	2165, 2265	Fm, Es	FF	X D,M, X
128	Pirelli	4333, 2015	Fm, Es	FF	X H
129	Scott	63-OA, 63F-OA 63FG-OA, 63R-OA 63S-OA	Fm, Es	FF	X X X D,M X escape only and formaldehyde and hydrogen chloride

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Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/} OV CI SO2 CO NH3 MA VC PEST DFM AG H2S PH3
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GAS MASKS APPROVED BY MSHA/NIOSH

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/} OV CI SO2 CO NH3 MA VC PEST DFM AG H2S PH3
130	Scott	63-CL, 63F-CL 63FG-CL, 63R-CL 63S-CL	Fm, Es	FF	X and formaldehyde and hydrogen chloride D,M X escape only
131	Scott	63CL-H, 63F-CL-H 63FG-CL-H, 63R-CL-H 63S-CL-H	Fm, Es	FF	X and formaldehyde and hydrogen chloride H,R,A X escape only
132	Racal	BE 3/K BE 7/K	PW	FF	X
133	Racal	BE 3/E BE 7/E	PW	FF	X
134	MSA	474143, 474144	FM	FF	ethylene oxide
Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face- piece- type	Type of respiratory protection ^{3/} OV CI SO2 CO NH3 MA VC PEST DFM AG H2S PH3

SUPPLIED AIR RESPIRATORS (19C)

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number IC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
64	Cesco	PI-800	C,CE	Cf	Bm	HH	15-50 75-100	6-17 7-20
64	U.S. Safety	PI-800	C,CE	Cf	Bm	HH	15-50 75-100	6-17 7-20
64	Wheeler Protective Apparel	17032 17032H 17036 17036H	C,CE	Cf	Bm	HH	15-50 75-100	6-17 7-20
65	U.S.D. Corp.	9011-12 9811-12	C	Dm	Fm	FF	4-250	50-125
66	U.S.D. Corp.	9011-14 9811-14	C	Dm	Fm	FF	4-250	50-125
67	U.S.D. Corp.	9011-13 9811-13	C	Pd	Fm	FF	4-250	50-125
68	U.S.D. Corp.	9011-15 9811-15	C	Pd	Fm	FF	4-250	50-125
Approval number IC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
69	3M	W-371-25/50/100 W-810-100/50/25 W-840-100/50/25 W-856-100L/M/S W-856-50L/M/S W-856-25L/M/S W-858-100/50/25 W-870-100/50/25 W-280-100/50/25 W-283-100/50/25 W-286-100/50/25 W-292-100/50/25 W-321-100S/M/L W-321-50S/M/L W-321-25S/M/L W-318-100S/M/L W-314-100/50/25 W-313-100/50/25 W-308-100/50/25 W-329-100/50/25 W-332-100/50/25 W-335-100/50/25 W-338-100/50/25 W-368-25/50/100	C,CE	Cf	Bm	HH	25 and 50 100 200 40-75	25-35 30-45 35-60
69	3M unavailable " Pauli&Griffin " Clemco " Bowen Tools " Empire Abrasive " Kelco Sales " Pangborn	W-858100/50/25	C,CE	Cf	Bm	HH	25 and 50 100 200 300	25-35 30-45 35-60 40-75
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
70	3M	W-370-25/50/100,	W-372-25/50/100					
		W-820-100/50/25						
		W-880-100/50/25						
	unavailable-	W-881-100S	C,CE	Cf	Bm	HH	25-100	60-80
	unavailable-	W-881-100L/M/ W-881-50S						
	unavailable-	W-881-50L/M/ W-881-25S						
		W-881-25L/M/ W-888-100/50/25						
		W-890-100/50/25						
		W-281-100/50/25						
		W-284-100/50/25						
		W-287-100/50/25						
	unavailable-	W-293-100/50/25						
		W-881-50S/M/L						
		W-881-25S/M/L						
	unavailable-	W-322-100S						
		W-322-100/50/25L						
		W-322-100/50/25M						
		W-346-25/50/100						
		W-352-25/50/100						
	unavailable-	W-322-50S						
		W-322-50/M/L						
	unavailable-	W-322-25/S						
		W-322-25/M/L						
		W-317-100/50/25						
		W-315-100/50/25						
		W-311-100/50/25						
		W-310-100/50/25						
		W-328-100/50/25						
		W-330-100/50/25						
	unavailable-	W-333-100/50/25						
	"	W-336-100/50/25						
		W-369-25/50/100						

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
70	3M unavailable Pauli&Griffin " Clemco " Bowen Tools " Empire Abrasive " Kelco Sales " Pangborn	W888-100/50/25 W-347-25/50/100 W-354-25/100/50	C,CE	Cf	Bm	HH	25-100	60-80
71	Scott	4616-11, 4616-12 4616-15, 4616-21 4616-22 4622-11, 4622-12 4622-15, 4622-21 4622-22, 4622-25	C	Cf	Bm	FF 50-250	15-50 50-250	12-25 25-40
72	Scott	4616-18 4616-19 4616-28 4616-29 4622-18 4622-19 4622-28 4622-29	C	Cf	Bm	FF	15-50 50-250	6-16 16-22
73	Scott	802230 series	C	Cf,Dm	Fm	FF	3-250	60-125
74	Scott	801548 series	C	Pd	Fm	FF	3-250	60-125
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
75	MSA	457165, 84283, 46539, 457164, 93928, 94988	C	Dm	Bm	ON/FF	25-300	50-125
77	MSA	457623	B	Cf	N/A	FF	Up to 75	N/A
78	MSA	460862, 460863, 460864, 460865, 461708, 461717, 461718, 461719, 475146, 475147, 475148, 475149, 469716, 469717, 469720, 469721	C	Cf	Bm	ON/FF	25-300	35-40
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
79	Encon	6400	C,CE	Cf	Bm	HH	25-50	70-90
		01-6401-31						
		01-6401-32						
		01-6401-33						
		01-6401-34						
		01-6401-35						
		01-6401-36						
		01-6451-31						
		01-6451-32						
		01-6451-33						
		01-6451-34						
		01-6451-35						
		01-6451-36						
79	Schmidt	6400	C,CE	Cf	Bm	HH	25-50	70-90
		01-6401-37						
		01-6401-38						
		01-6401-39						
		01-6401-40						
		01-6401-41						
80	MSA	460903,	C	Cf	Bm	HH	25-300	55-60
		460904,						
		460905,						
		460906,						
		461709,						
		461710,						
		461711,						
		461712						
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number IC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
81	MSA	460907, 460908, 460909, 460910, 461713, 461714, 461715, 461716	CE	Cf	Bm	HH	25-300	55-60
82	Pulmosan	AL180-10168	C	Cf	Bm	FF	15-50	6-8
83	Willson	1810-A/B/C/D 1810 1820 1820-A/B/C/D	C	Cf	Bm	ON	15-100 100-300	10-32 21-50
84	Bullard	77 46	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Anderson	77-2 46-2	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Bowen	77-3 46-3	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Quaker State	77-7 46-7	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
Approval number IC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
84	Pauli and Griffin	77-4 46-4	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Empire	77-5 46-5	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Kelco	77-6 46-6	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Martens Co.	77-10 46-10	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Ace Enterprises	77-11 46-11	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Clemtex, Ltd.	77-12 46-12	C,CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	A-BEC	77-8 46-8	C, CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Schmidt	77-9 46-9	C, CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
84	Air Components	77-13 46-13	C, CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Porter Warner	77-14 46-14	C, CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Clark Sand	77-15 46-15	C, CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
84	Sulliblast	77-16 46-16	C, CE	Cf	Bm	HH	25-200 100 only	80-95 8-15
85	Clemco	46(PCE)	C,CE	Cf	Bm	HH	25-200	80-95
86	A0	R6099-Unavail. R5099 S5099	C	Cf	Bm	ON	12.5-75 100-175 200-300	7-15 13-25 18-35
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
87	3M	W270-100/50/25 W-271-100/50/25 W-272-100/50/25 unavailable- W-274-100/S W-274-100/L/M/ unavailable- W-274-50/S W-274-50/L/M/ unavailable- W-274-100/S W-274-25/L/M/ W-277-S/M/L -obsolete W-282-100/50/25 W-285-100/50/25 W-288-100/50/25 W-294-100/50/25 unavailable- W-320-100/S W-320-100/M/L unavailable- W-320-50/S W-320-50/M/L unavailable- W-320-25/S W-320-25/M/L W-319-100/50/25 W-323-100/50/25 W-312-100/50/25 W-309-100/50/25 W-327-100/50/25 W-331-100/50/25 W-334-100/50/25 W-353-25/50/100 W-348-25/50/100 W-373-25/50/100 W-337-25/50/100	C, CE	Cf	Bm	HH	25-100	60-70

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
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SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
87	3M unavailable Pangborn " Pauli&Griffin " Bower Tools " Clemco " Empire Abrasive	W271-100/50/25	C,CE	Cf	Bm	HH	25-100	60-70
88	Blinks	40-200/240/220 40-160 40-260/280/300/320	C	Cf	Bm	ON	25-300	35-40
89	AO	R56001	C	Cf	Bm	HH	12.5-25 50-100 125-200 225-300	10-20 18-32 25-40 35-60
90	Robertshaw Controls	900-002-264 900-002-264-01 900-002-264-02 900-002-264-03 900-002-264-04 900-002-264-11 900-002-264-12 900-002-264-13 900-002-264-14	C	Pd	Fm	ON/FF	25-250	50-125
91	MSA	457157 93224 93225 461666	C	Dm	Fm	ON/FF	25-300	50-90
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
92	Globe	2185-6 2185-4	C	Dm, Cf	Fm	FF	25-200	60-70
93	MSA	89104, 461669, 461699, 461700	C	Pd	Bm	FF	25-300	80-100
94	Willson	1850, 1860 1850A/B/C/D 1860A/B/C/D	C	Cf	Bm	FF	15-100 100-300	11-32 21-50
95	Pulmosan	10159 10237 11033	C	Cf	Bm	ON	15-50	6-9
96	Cesco	801	C,CE	Cf	Bm	HH	15-100	60-100
96	U.S. Safety	801	C,CE	Cf	Bm	HH	15-100	60-100
96	Wheeler Protective Apparel	Series 172	C,CE	Cf	Bm	HH	15-100	60-100
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
97	Scott	802280-01 802280-02 802280-05 802280-06 802280-09 802280-10 802280-13 802280-14	C	Dm,CF	Fm	ON	3-250	60-125
98	Scott	802280-03 802280-04 802280-07 802280-08 802280-11 802280-12 802280-15 802280-16	C	Pd	Fm	ON	3-250	60-125
99	Pulmosan	20009	CE	Cf	Bm	HH	15-50	17-20
100	Pulmosan	20027	CE	Cf	Bm	HH	15-50	17-20
101	MSA	463018, 463019, 463020 463021, 463022 463023, 463024 463025	A	Cf	N/A	FF	50-250	N/A
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
102	Bullard	999-3-1 999-5-1 999-6-1 999-4-1 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Anderson	999-3-2 999-4-2 999-5-2	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Bowen	999-3-3 999-4-3 999-5-3	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Pauli & Griffin	999-3-4 999-4-4 999-5-4	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Empire	999-3-5 999-4-5 999-5-5	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
102	Kelco	999-3-6 999-4-6 999-5-6	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Titan	999-3-7 999-4-7 999-5-7	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	A-BEC	999-3-8 999-4-8 999-5-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Schmidt	999-3-9 999-4-9 999-5-9	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Key Houston	999-3-10 999-4-10 999-5-10	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Clemco	999-3-13 999-4-13 999-5-13	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

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Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
102	Binks	999-3-14 999-4-14 999-5-14	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Air Components	999-3-15 999-4-15 999-5-15	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Ace	999-3-11 999-4-11 999-5-11	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Clemtex	999-3-12 999-4-12 999-5-12	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Sulliblast	999-3-16 999-4-16 999-5-16	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
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SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
103	MSA	463925, 463926, 463970, 463973, 463974, 463983, 463986, 463987	C	Cf	Bm	HH	25-300	55-60
104	MSA	463971 463972, 463975, 463976, 463984, 463985,	C	Cf	Bm	HH	15-50	16-20
105	MSA	463939 463979	CE	Cf	Bm	HH	25-300	55-60
106	MSA	463980 463981	CE	Cf	Bm	HH	15-50	16-20
107	MSA	463929 463930, 463959, 463962, 463963, 463967	CE	Cf	Bm	HH	25-300	55-60
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
108	MSA	463960 463961, 463964, 463965, 463968, 463969	CE	Cf	Bm	HH	15-50	16-20
109	Siebe-Norton	85101, 85105 85102, 85103 85104, 85117 obsolete- 85106& 85107 obsolete- 85108& 85109 obsolete- 85110& 85111 obsolete- 85112& 85113 85114, 85115 85116, 85118 85119, 85126 obsolete- 85120& 85121 obsolete- 85122& 85123 obsolete- 85124& 85125	C	Cf	Bm	ON	12.5-25 50-75 100-150 175-300	8- 9 10-11 12-13 17-18
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
110	Siebe-Norton	85201 85202, 85203 obsolete- 85204, 85205 obsolete- 85206, 85207 obsolete- 85208, 85209 obsolete- 85210, 85211 obsolete- 85212, 85213, 85217 85214, 85215 85218, 85216 obsolete- 85220, 85221 obsolete- 85222, 85223 obsolete- 85224, 85225 obsolete- 85226, 85219	C	Cf	Bm	FF	12.5 25-75 75-150 175-300	8-9 10-11 12-13 17-18
111	A0	50734 50733	C	Cf	Bm	FF	25 50-75 100-125 150-200 225-300	8-11 11-15 14-18 18-23 21-28
112	Glendale	GR5000 GR6000	C	Cf	Bm	ON/FF	25-300	30-35
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
113	MSA	463281, 469718 463300, 469719 463301, 469722 463302, 469723 463277, 475149 463297 463298 463299 475148,	C	Cf	Bm	FF	15-50	10-15
114	Binks	40-140	C	Cf	Bm	FF	15-50	10-15
115	MSA	463293 463307 463305 463309 463294 463308 463306 463310	C	Cf	Bm	HH	15-50	16-20
116	MSA	463295 463291 463303 463296 463292 463304 463312 463311	CE	Cf	Bm	HH	15-50	16-20
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
117	MSA	463924 463982	CE	Cf	Bm	HH	25-300	75-100
118	MSA	463927 463978 463928 463977	C	Cf	Bm	HH	25-300	75-100
119	MSA	463935 463956 463957 463958 463936 463966	CE	Cf	Bm	HH	75-300	75-100
120	Defense Apparel- Nucon Products	HSQ-10	C	Cf	Bm	HH	50-100 100	25-35 35-50
121	Cesco Safety Products	97	C	Cf	Bm	ON	25-300	35-40
122	U.S. Safety Service	152	C	Cf	Bm	ON	25-300	35-40
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
123	3M	W-298/25/50/100 W-378/25/50/100	C	Cf	Bm 50	ON	25 100	6-16 7-16 11-22
124	Safety and Supply	RC2095ST/SC/HA RC2095G-HA/SC/ST RC2095R-HA/SC/ST RC2095B-HA/SC/ST RC2095W-HA/SC/ST RC-2095Gy-HA/SC/ST	C	Cf	Bm	HH	25-50 50-100 75-150 100-200 125-250 150-250	18-29 23-36 28-42 32-47 35-51 37-57
125	Devilbiss	MPH-532	C	Cf	Bm	ON	15-100 100-300	10-32 21-50
126	U.S. Safety Service	153	C	Cf	Bm	FF	25-300* 25-50** *max 7 lengths with 152-25 and 152-50 hose **max 2 lengths of 16261 hose	35-60 35-60
127	Cesco	98	C	Cf	Bm	FF	25-300* 25-50** * max 7 lengths with 152-25 & 152-50 hose **with 16261 hose max. 2 lengths	35-60 35-60
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
128	Standard Safety Equipment	SD-5890	C	Cf	Bm	HH	50-100	40-60
129	MSA	468697	C	Cf	Bm	FF	25-300	35-40
130	Clemco	04400 04401	CE	Cf	Bm	HH	10-200	85-45
131	Bullard	1414	C	Cf	Bm	HH	10-100 10-100 100 only	15-25 63-67 8-15
132	Bullard	1515	C	Cf	Bm	HH	10-100 10-100 100 only	15-25 63-67 8-15
133	Racal	AH-30	C	Cf	Bm	HH	25-300	55-70
134	Racal	AH-31	C	Cf	Bm	HH	25-300	55-70
135	Racal	AH-33	C	Cf	Bm	HH	25-100	25-100
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
136	Racal	AH-32	C	Cf	Bm	HH	25-100	75-120
137	Racal	AC-30	C	Cf	Bm	HH	25-300	55-70
138	Racal	AC-32	C	Cf	Bm	HH	25-100	75-120
139	Racal	AC-38	C	Cf	Bm	HH	25-100	70-115

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
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SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
140	NFO	SAR 100NH-AY/BY/CY/C-1Y/DY SAR 100NH-AG/BG/CG/C-1G/DG SAR 100NH-AB/BB/CB/C-1B/DB SAR 100NH-AR/BR/CR/C-1R/DR SAR 100NH-AC/BC/CC/C-1C/DC SAR 101H-AY/BY/CY/C-1Y/DY SAR 101H-AG/BG/CG/C-1G/DG SAR 101H-AB/BB/CB/C-1B/DB SAR 101H-AR/BR/CR/C-1R/DR SAR 101H-AC/BC/CC/C-1C/DC SAR 102H-AY/BY/CY/C-1Y/DY SAR 102H-AG/BG/CG/C-1G/DG SAR 102H-AB/BB/CB/C-1B/DB SAR 102H-AR/BR/CR/C-1R/DR SAR 102H-AC/BC/CC/C-1C/DC SAR 100NH-1AY/AG/AB/AR/AC SAR 100NH-1C-1Y/C-1G/C-1B/C-1R/C-1C SAR 100NH-1BY/BG/BB/BR/BC SAR 100NH-1DY/DG/DB/DR/DC SAR 100NH-1CY/CG/CB/CR/CC SAR 100NH-2AY/AG/AB/AR/AC SAR 100NH-2DY/DG/DB/DR/DC SAR 100NH-2CY/CG/CB/CR/CC SAR 100NH-2C-1Y/1G/1B/1R/1C SAR 101H-1AY/AG/AB/AR/AC SAR 101H-1DY/DG/DB/DR/DC SAR 101H-1BY/BG/BB/BR/BC SAR 101H-1CY/CG/CB/CR/CC SAR 101H-1C-1Y/1G/1B/1R/1C SAR 101H-2AY/AG/AB/AR/AC	C	Cf	HH	25-50 75-100 125-175 200-275	20-34* 25-45 30-50 38-55	
*Maximum pressure 28 psig with Hanson & Snap-Tite fittings								

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
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SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
		SAR 101H-2DY/DG/DB/DR/DC SAR 101H-2BY/BG/BB/BR/BC SAR 101H-2CY/CG/CB/CR/CC SAR 101H-2C-1Y/1G/1B/1R/1C SAR 102H-1AY/AG/AB/AR/AC SAR 102H-1DY/DG/DB/DR/DC SAR 102H-1BY/BG/BB/BR/BC SAR 102H-1CY/CG/CB/CR/CC SAR 102H-1C-1Y/1G/1B/1R/1C SAR 102H-2AY/AG/AB/AR/AC SAR 102H-2Y/DG/DB/DR/DC SAR 102H-2BY/BG/BB/BR/BC SAR 102H-2CY/CG/CB/CR/CC SAR 102H-2C-1Y/1G/1B/1R/1C						
141	Racal	AT-30	C	Cf	Bm	HH	25-300	55-70
142	Racal	AT-32	C	Cf	Bm	HH	25-100	80-120
143	Racal	AT-38	C	CF	Bm	HH	25-100	70-115
144	Mohawk	1010 1020	C	Cf	Bm	HH	50-100	25-35
145	Willson	1915 1915A/B/C/D	C	Pd	Bm	ON	25-250	50-125

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
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SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
146	Willson	1950/A/B/C/D 1960/A/B/C/D	C	Pd	Bm	FF	25-250	50-125
147	Racal	AH38	C	Cf	Bm	HH	25-100	70-115
148	MSA	466033	A	Cf	N/A	FF	50-250	N/A
149	Draeger	4059081 to 4059107 4059104 to 4509111	C	Pd	Fm	FF	25-300	85-120
150	MSA	451518, 4551519	C	Cf	Bm	HH	15-50 50-125 125-200 200-300	15+3 20+3 25+3 35+3
151	MSA	451518, 451519	C	Cf	Bm	HH	15-50	16-20
152	MSA	471516, 471517	C	Cf	Bm	HH	15-300	55-60
153	Racal	AH39	C	Cf	Bm	HH	25-100	70-115
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
154	Bullard	CC20	C	Cf	N/A	HH	10 only 25-100 125-200 225-300 100 only 200 only 300 only	8-17 12-17 20-35 25-45 5-13 8-20 11-22
155	Bullard	FAM, FAM-B	C	Cf	N/A	HH	50 only 100 only 150 only 200 only 250 only 300 only	1.5-6.0 2.5-8.0 3.5-12.0 4.5-14.0 5.5-16.0 7.0-20.0
156	AGA	Spiroline 900	C	Pd	Bm	FF	25-200	60-125
157	3M	W-366-25/50/ 100	C	Cf	Bm	FF	25-50 75-100 125-200 225-300	15-45 17-50 22-65 25-75
158	MSA	473998, 474020 473464, 473457 475209-475224	C	Pd	Bm	HH	25-300	55-85
159	MSA	474184	C	Cf	Bm	HH	25-300	55-60
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
160	Lancs	LI520Y-HA,-SC,-ST LI520-BHA,-SC,-ST LI520G-HA,-SC,-ST LI520R-HA,-SC,-ST	C	Pd	Bm	HH	25-100 50-200 75-300 100-300 125-300 150-300	18-34 25-40 28-48 29-53 31-59 32-60
161	MSA	466716, 473297 468720, 473299	OE	Cf	Bm	HH/FF	100-300 125-300 150-300	29-53 31-59 32-60
162	MSA	468718, 473298 458722, 473300	OE	Cf	Bm	HH/FF	15-300	35-40
163	3M	W356-25/50/100 W357-25/50/100 W358-25/50/100 W360-25L/50L/100L W360-25M/50M/100M W375-25/50/100 W362-25/50/100 W364-25/50/100 W374-25/50/100	CE	Cf	Bm	HH	25 50 100 W374 only 25 50 100	4-17 4-17 4-17 4-9 5-11 6-15
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
164	U.S.D. Corp.	9850-25	C	Cf	Bm	FF	25 50 75 100 150 200 250	30-60 35-70 40-85 45-95 55-110 65-125 75-125
165	U.S.D. Corp.	9850-40	C	Cf	Bm	FF	25 50 75 100 150 200 250	30-60 35-70 40-85 45-95 55-110 65-125 75-125
166	Willson	4000A/B/C/D	C	Cf	Bm	HH	25-300	8-40
167	Globe	2939-1 2939-2 2939-3 2939-4	C	Cf	Bm	FF	25-200	60-75
168	Binks	40-360 40-380 40-370 40-390	C	Cf	Bm	FF	15-150	20-40
Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.

SUPPLIED-AIR RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
169	Binks	40-340 40-395	C	Pd	Bm	FF	15-300	65-85
170	E. D. Bullard	M-30/31/32/33 M-30/31/32/33 M-30/31/32/33 M30V/31V/32V/33V M30V/31V/32V/33V M35 only M35 only	C	CE		FF	25-100 125-200 225-300 10-100 125-300 50-150 200-300	9-22 14-40 22-50 45-75 50-90 3-6 6-19

Approval number TC-19C-	Approval Issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Face- piece type	Hose length, ft.	Pressure range, psi.
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DUST, FUME AND MIST RESPIRATORS (21C)

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S
132	3M	6983 8710 8520	Su	ON	1	X		X			X	X
133	MSA	459440 466252, 466253 466254 466530 466534	Rp,Fm	ON	2	X		X				
134	MSA	459438 461011 465360 465936	Rp,Bm,Fm	ON	2	X	X	X	X		X	
135	MSA	459439 461010 465361 465935	Rp,Bm,Fm	ON	2			X			X	
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S
												AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB
136A	3M	W-250* W-252* W-254 W-260-12 W-260-24 W-261-12 S, M, L W-261-24 S, M, L W-266-12 W-266-24 W-267 W-278-12 W-278-24 W-350* W-349-12/24 W-289-12 W-289-24 W-290* W-295-12 W-295-24 W-297*	Pw	H/H	1	X X
		unavailable unavailable				
		unavailable				
137	3M	W-251* W-265-12 W-265-24	Pw	H/H	1	X
138	MSA	96000 457344	Rp,Fm	ON	1	X X X
*unavailable						
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB
139	Willson	560	Rp,Fm	ON	1	X		X			
140	Willson	1210 S1012R, 1210S 1210R, 1210SR S1210R, S1210SS S1210SSS, S1210S 12101	Rp,Fm	ON	2	X		X			X
141	Willson	1211 S1211SS, 1211S S1211SSS, 1211SR S1211, S1211R S1211S, S1211SR	Rp,Fm	ON	2	X		X			X
142	Willson	1212 1212S, 1212SR S1212, S1212R S1212S, S1212SS S1212SSS, S1212SR	Rp,Fm	ON	2			X			X
143	Willson	1400*	Su	ON	1						X
144	A0	R4030, S4030 R5030, S5030 R6030, S6030	Rp,Fm	ON	2	X		X			X
147	A0	R1050	Su	ON	1	X		X			X X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB
149	Scott		Rp,Fm	FF	1					X	
		6160-1050									
		6160-2050									
		6170-0050									
		6170-1050									
		6170-2050									
		6150-0050									
		6150-1050									
		6150-2050									
		6155-0050									
		6155-1050									
		6155-2050									
		6160-0050									
		6165-0050									
		6165-1050									
		6165-2050									
		6175-0050									
		6175-1030									
		6175-2050									
150	MSA	88479 457117	Rp,Fm	FF	1				X		X
151	Siebe-Norton	7506 unaval 7506S, 7706S 7506M, 7706M 7506L, 7706L	Rp,Fm	ON	2		X		X		X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	A S AB
152	Siebe-Norton	7580unavail 7580S, 7780S 7580M, 7780M 7580L, 7780L	Rp,Fm	ON	2				X	
153	Siebe-Norton "	7406L-obsol 7406M	Rp,Fm	ON	1	X	X	X		X
154	Sellstrom	315-F100	Rp,Fm	ON	2	X				X
154	Cover	1482-F100	Rp,Fm	ON	2	X				X
154	Safe-Tex*	236-F100*	Rp,Fm	ON	2	X				X
154	Eastern	E-450	Rp,Fm	ON	2	X				X
155	MSA	460185 465937	Rp,Fm	FF	2			X		X
156	MSA	461683	Rp,Fm	ON	1	X		X		
157	Pulmosan	C264* 10045 10213 10234 10294	Rp,Fm	ON	1	X		X		
*obsolete										
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB
158	Pulmosan	C263 10042 10231	Rp,Fm	ON	1				X		X
159	MSA	460357	Rp,Fm	ON	1	X					
160	unavailable A0 " "	R4057 R5057 R6057	Rp,Fm	ON	2				X		
161	A0	R4056, S4056 R5056, S5056 R6056, S6056	Rp,Fm	ON	2	X	X	X	X	X	X.
162	A0	R8100 S8100	Rp,Fm	ON	1	X					
163	Cesco	94R20 unavailable	Rp,Fm	ON	2	X	X	X			X
164	Glendale	GR1600 CR2000 GR4000 GR8000	Rp,Fm	ON	2	X		X			X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB
165	Pulmosan	L800 10171 10174 10216 10297	Rp,Fm	ON	1	X X
166	A0	R2090N S2090N	Rp,Fm	ON	1	X X
167	Devilbiss	MSD-507	Rp,Fm	ON	1	X X
168	Siebe-Norton	75BP80 75BP80M 75BP80L	Rp,Bm	ON	2	X
169	A0 unavailable-	R8156	Rp,Fm	ON	1	X X X
170 170A	Siebe-Norton Siebe-Norton	7170 7170	Ru Su	ON ON	1 1	X X X
171	Siebe-Norton unavailable unavailable	7680 7680N 7680S 7680SN	Rp,Fm	FF	2	X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB
172	Glendale	GR1000 GR1500 GR3000 GR9000	Rp,Fm	ON	1	X		X			
173	3M	8800 8530	Su	ON	1	X		X		X	X
174	Binks	40-150	Su	ON	1						X
175	Siebe-Norton	7100 7100V	Rp,Fm	ON	1	X		X			
176	3M	9900	Su	ON	1	X		X		X	
177	Scott	64-D 64E-D 64M-D 64ME-D 64S-D 64SE-D	Rp,Fm	ON	2	X		X		X	
178	Scott	64-H 64E-H 64M-H 64ME-H 64S-H 64SE-H	Rp,Fm	ON	2				X	X	X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	A	S	AB
179	U.S. Safety	150T10 150L10	Rp,Fm	ON	2	X	X					X
179	Stewart Warner	7932	Rp,Fm	ON	2	X	X					X
180	Cesco	95RC15 95SMRC15	Rp,Fm	ON	2	X	X					X
180	Northcott	70-451	Rp,Fm	ON	2	X	X					X
181	MSA	462240 466212 468012 468014 468011 468013	Rp,Bm	ON	2	X	X					
182	Willson	1610 1710	Rp,Fm	FF	2	X	X					X
183	Willson	1611 1711	Rp,Fm	FF	2	X	X	X				X
184	Willson	1612 1712	Rp,Fm	FF	2				X			X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	A	S	AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB
186	MSA	463353 467963 463354 463355 466607 466608 467964	Pw	ON,FF	2				X		X
187	MSA	461847 465938	Rp,Fm	FF	2	X	X	X			X
188	MSA	461845 466242 466243 471730 471731	Rp,Fm	FF	2	X					X
189	Glendale	GR-1626 GR-2026 GR-4026 GR-8026	Rp,Fm	ON	2	X	X	X			
190	3M	9910	Su	ON	1	X		X			X
191	Siebe-Norton	7606 7606S 7606N obsolete 7606SN obsolete	Rp,Fm	FF	2	X		X			X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number IC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	R A S AB
193	U.S. Safety	150T11 unavailable	Rp,Fm	ON	2	X	X	X	X	X
194	Cesco	95RC16 unavailable	Rp,Fm	ON	2	X	X	X	X	X
195	Glendale	SU-1 GR-500	Su	ON	1					X
196	Cover	1482-F108 unavailable	Rp,Fm	ON	2	X	X	X	X	X
196	Eastern	E456	Rp,Fm	ON	2	X	X	X	X	X
196	Sellstrom	315-F108	Rp,Fm	ON	2	X	X	X	X	X
197	Racal	AH5	Pw	FF	1	X		X		X
198	Scott 65-D 65S-D	6470-0100 6480-0100	Rp,Fm	FF	2	X		X		X
199	Scott 65-H 65S-H	6470-0050 6480-0050	Rp,Fm	FF	2			X	X	X
200	MSA	466095 466096	Rp,Fm (combination type C, continuous flow 35 - 40 psig; 25-300 ft. hose)	FF	2			X		X
Approval number IC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	R A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB
201	MSA	466097 466098	Rp,Fm (combination type C, continuous flow 35 - 40 psig; 25-300 ft. hose)	ON	2	X X X
202	3M	9920	Ru	ON	1	X X X X X
203	Siebe-Norton	7507-unav. 7507M, 7707M 7507S, 7707S 7507L, 7707L	Rp,Fm	ON	2	X X X
204	Siebe-Norton	758P07-unav 758P07M 758P07L	Rp,Bm	ON	2	X X X
205	Siebe-Norton	7607 7607S 7607SN Obsolete 7607N Obsolete	Rp,Fm	FF	2	X X X
206	MSA	467010	Rp,Fm	ON	1	X X X
207	A0	R7030 S7030	Rp,Fm	FF	2	X X X
208	A0	R7057 unavailable	Rp,Fm	FF	2	X X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters.	Type of respiratory protection					
						D	F	M	H	R	A S AB
209	Scott 64-F 64E-F 64M-F 64ME-F 64S-F 64SE-F	6411-0300 6413-0300 6423-0300 6412-0300 6422-0300 6421-0300	Rp,Fm	ON	2	X	X	X	X	X	X
210	Scott 65-F 65S-F	6470-0300 6480-0300	Rp,Fm	FF	2	X	X	X	X	X	X
211	Racal	AH15, AH17-1 Pw AH21, AH3-1		HH	1	X		X			X
212	Racal	AH3, AH3-1 Pw AH17, AH17-1		HH	2			X	X	X	X
213	MSA	467559	Rp,Fm	ON	1	X		X			X
214	Willson	1410	Ru,Su	ON	1	X		X		X	X
215	Binks	40-145	Ru,Su	ON	1	X		X		X	X
216	Cesco	96RCL5	Rp,Fm	FF	2	X		X			X
217	U.S. Safety	151110	Rp,Fm	FF	2	X		X			X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	A S AB
218	Cesco	96RC16 obsolete	Rp,Fm	FF	2	X	X	X	X	X
219	U.S. Safety	151111	Rp,Fm	FF	2	X	X	X	X	X
220	MSA Not producing	467541	RU	ON	1	X	X			
221	Pulmosan	10303, 10306 10309, 10312	Rp, Fm	ON	1	X				
224	3M	9906	SU	ON	1	X	X	X		X
225	3M	W-316 W-343	PW	H/H	1	X	X	X		X
226	Cesco	95RC18 95SMRC18	RP, FM	ON	2		X	X	X	X
227	Cesco	96RC18	RP, FM	FF	2		X	X	X	X
228	U.S.Safety	150112 150112	RP, FM	ON	2		X	X	X	X
229	U.S.Safety	151112	RP, FM	FF	2		X	X	X	X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB
230	AO	R7056 S7056	RP, FM	FF	2	X	X	X	X	X	X	X
231	H.S.Cover	1482-G108	RP, FM	ON	2				X	X	X	X
232	SurvivAir Div. USD Corp.	2210-00 2110-00 2310-00	RP, FM	ON	2	X		X				X
233	3M	9908	Su	ON	1		X					
234	3M	9913	Su	ON	1	X		X				
235	3M	W-325*	PW	H/H	1	X		X		X		X
236	SurvivAir Div. USD Corp.	2230-00 2130-00 2330-00	RP, FM	ON	2	X	X	X	X	X	X	X
237	Racal	AC3	PW	HH	2				X	X		
238	Glendale	GR555	Ru, Su	ON	1	X						X
239	3M	9940	Su	ON	1					X		
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB
240	U.S.Safety	150T15 150L15	Rp,Fm	ON	2	X	X	X	X	X	X	X
241	Cesco	95RC19 95SMRC19	Rp,Fm	ON	2	X	X	X	X	X	X	X
242	U.S.Safety	151T15	Rp,Fm	FF	2	X	X	X	X	X	X	X
243	Cesco	96RC19	Rp,Fm	FF	2	X	X	X	X	X	X	X
244	SurvivaAir Div. USD Corp.	2190-00 2290-00 2390-00	Rp,Fm	ON	2				X			X
245	SurvivaAir Div. U.S.D.Corp.	3290-00	Rp,Fm	FF	2				X			X
246	3M	W-344	PW	HH	1				X			X
247	3M	9901 6982	Su	ON	1		X		X			X
248	Sellstrom	315-G108	Rp,Fm	ON	2	X	X	X	X			
249	A0	R4057A, S4057A R5057A, S5057A R6057A, S6057A	Rp,Fm	ON	2				X	X	X	X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type/2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB
250	AO	R7057A S7057A	Rp,Fm	FF	2			X	X	X		X
251	Siebe-Norton	10030S 10030M	Rp,Fm	ON	2					X		
252	Neoterik	AB3 HH3	PW	HH	1					X		
253	Willson	3010, S3010S S3010SS, 3010R S3010SSS, 3010S S3010, 3010SR S3010S, S3010SR 3010SSS, 3010SS	Rp,Bm	ON	2		X	X				X
254	Willson	3110 3210	Rp,Bm	FF	2		X	X				X
255	Willson	3011 S3011SS, 3011R S3011SSS, 3011S S3011, 3011SR S3011R, S3011S S3011SR, S3011SSS	Rp,Bm	ON	2		X	X	X			X
256	Willson	3111 3211	Rp,Bm	FF	2		X	X	X			X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type/2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB
257	Willson	3012 S3012S, 3012R S3012SSS, 3012S S3012, 3012SR S3012SS, S3012R S3012S, S3012SR 3012SS, 3012SSS	Rp,Bm	ON	2				X		X
258	Willson	3112 3212	Rp,Bm	FF	2				X		
261	Glendale	GR7000	Rp,Fm	FF	2		X		X		X
262	Glendale	GR7026	Rp,Fm	FF	2	X	X	X			
263	Neoterik	AB4, HH4 VH4, HB4 SB4, SH4	Pw	HH	1				X		
264	A0	R1070	Su	ON	1	X		X			X
265	3M	7206	Rp,Fm	ON	2				X		
266	A0	R2090AN S2090AN	Rp,Fm	ON	1	X		X			X
267	Devilbiss	MSD-512	Rp,Fm	ON	1	X		X			X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB
268	A0	R4050W, S4050W, R5050W, S5050W R6050W, S6050W	Rp,Fm	ON	2	X	X	X	X	X	X	X
269	Neoterik	GEI, GEE GVT, GVE GST, GSE	Pw	H/H	1	X	X	X	X	X	X	X
270	Neoterik	AB10, HH10 SB10, VB10, VH10, SH10	Pw	H/H	1	X	X	X	X	X	X	X
271	Gerson	1710	SU	ON	1	X	X	X	X	X	X	X
272	MSA	472753 472762	Rp,Bm	ON	2	X	X	X	X	X	X	X
273	MSA	472753 472763	Rp,Bm	ON	2	X	X	X	X	X	X	X
274	MSA	472785 472787 472783	Rp,Fm	ON	2	X	X	X	X	X	X	X
275	Racal	BE 1/P3	PW	H/H	3	X	X	X	X	X	X	X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB
276	Racal	BE 3/P3 BE 7/P3	PW	FF	3				X	X	X	X
277	Racal	BE 5/P3	PW	H/H	3				X	X	X	X
278	Racal	BE 6/P3	PW	H/H	3				X	X	X	X
279	3M	9915	SU	ON	1	X		X				
280	USD Corp. Survivair	2140-00 2240-00 2340-00	Rp, Fm	ON	2	X	X	X	X	X	X	X
281	Pulmosan	10432	RP, Fm	FF	1				X		X	
282	Pulmosan	10435	RP, Fm	FF	1	X		X				
283	Pirelli	4333, 2017	RP, Fm	FF	1				X			
284	Pirelli	4337, 1100	RP, Fm	ON	1				X			
285	Neoterik	AB8, HH8 VB8, VH8 SB8, SH8	PW	HH	1				X	X	X	X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection						
						D	F	M	H	R	A	S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number IC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	R A S AB
286	Neoterik	AB7, HH7	PW	HH	1				X	X X
287	Moldex/Metric	2200	SU	ON	1	X				X
288	Pirelli	4337.2027	RP, Fm	ON	2	X				X
289	3M	7218	RP, Fm	ON	2	X				X
290	Cesco	AD15	SU	ON	1	X				X
291	U.S. Safety	AD10	SU	ON	1	X				X
292	Zee Med. Prod.	2303	SU	ON	1	X				X X
293	Safety Supply	Respair 200	SU	ON	1	X				X X
294	Neoterik	HH5, AB5	PW	HH	1	X				X
295	Neoterik	AB6, HH6 VB6, VH6 SH6, SB6	PW	HH	1	X				X
296	AO	R8157A S8157A	RP, Fm	ON	1				X	X X
Approval number IC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	R A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB
297	AO	R4050AW, S4050AW, R5050AW, S5050AW, R6050AW, S6050AW	RP, Fm	ON	2	X	X	X			
298	Racal	DM1 BR, DM1 WR DM1 BL DM1 WL DM1 BRU DM1 WRU DM1 BLU DM1 WLU	PW	HH	1	X		X			X
299	Racal	DM3-S, DM3-U	PW	HH	1		X		X		X
300	Pirelli	4333.2027	RP, Fm	FF	2	X		X			
301	Safety Supply	F-160-F F-200-F F-800-F	RP, Fm	ON	2		X		X		
302	Safety Supply	F-700-F	RP, Fm	ON	2		X		X		
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection					
						D	F	M	H	R	A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB
303	Safety Supply	F-200-MF F-160-MF F-800-MF	RP, Fm	ON	2	X X X
304	Safety Supply	F-700-MF	RP, Fm	FF	2	X X X
305	A0	R4056A S4056A R5056A S5056A R6056A S6056A	RP, Fm	ON	2	X X X
306	A0	R7056A S7056A	RP, Fm	FF	2	X X X
307	Willson	1510, 1510R 1510SS	RP, Fm	ON	2	X X X
308	Willson	3510, 3510R 3510SS	RP, Bm	ON	2	X X X
309	Willson	1511, 1511R 1511SS	RP, Bm	ON	2	X X X
310	Willson	3511, 3511R 3511SS	RP, Fm	ON	2	X X X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection D F M H R A S AB

DUST, FUME, AND MIST RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	R A S AB
311	Willson	1513,1513R 1513SS	Rp, Fm	ON	2	X	X	X	X	X
312	Willson	3513,3513R 3513SS	Rp, Fm	ON	2	X	X	X	X	X
313	Willson	1512,1512R 1512SS	Rp, Fm	ON	2				X	X
314	Willson	3512,3512R	Rp, Bm	ON	2				X	X
315	Air-Tek	AT-100	Su	ON	1	X	X	X	X	X
316	Draeger	4031013 4031015	Rp, Fm	FF	1				X	
317	Dunright	475785	Rp, Fm	ON	1	X	X	X	X	X
318	3M	W425	Pw	HH	1	X	X	X	X	X
319	3M	W365	Pw	HH	1				X	X
320	NZ Safety Ltd	NZ1710	Su	ON	1	X	X	X	X	X
321	Racal	BE17/P3	PW	H/H	3				X	X
Approval number TC-21C-	Approval Issued to	Model number(s)	Respirator type	Face- piece type2/	No. of filters	Type of respiratory protection				
						D	F	M	H	R A S AB

CHEMICAL CARTRIDGE RESPIRATORS (23C)

Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
40	MSA	459433 461005 460852	Rp,Fm,Bm	ON	2	X D,M
41	MSA	459434 461006	Rp,Fm,Bm	ON	2	X X X and 30 ppm formaldehyde D,M,A
43	MSA	459436 461008	Rp,Fm,Bm	ON	2	X X D,M,A
47	MSA	459435 461007	Rp,Fm,Bm	ON	2	X X X X and 30 ppm formaldehyde D,M,A
49	Siebe-Norton	750L-unav. 750LS, 750LM 750IL 770LS, 770LM 770IL	Rp,Fm	ON	2	X
50	Willson	122I, 122IR Rp,Fm S122IR, 122IS 122IR, S122I S122IS, S122ISR S122ISS, 122ISS S122ISSS, 122ISSS		ON	2	X
51	Willson	122II0 S122II00, 122II0S S122II0R, 122II0R 122II0SS	Rp,Fm S122II0S S122II0R, 122II0R	ON	2	X D,M,A
Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
51 Con't	Willson	122110SR, 122110SSS, S122110SSS S122110SS, S122100S S122110SR				
52	Willson	122113 S122113SR, 122113S S122113SS, 122113SR S122113, S12213R S122113S, S122113SSS 122113SSS, 122113R 122113SS	Rp,Fm 122113S 122113SR 122113R 122113SSS 122113R	ON	2	X D,F,M,A
54	Willson	122115 S122115SS, 122115S 122115SS, 122115SR S122115, 122115R S122115R, S122115SR 122115SSS, S122115SS S122115S	Rp,Fm 122115S 122115SR 122115R 122115SR 122115SSS S122115S	ON	2	X X X D,M
55	Scott	70-CL Replaced by TC-23C-492	Es	MP	1	X
56	unavailable A0 " "	R4051 R5051 R6051	Rp,Fm	ON	2	X
59	Devilbiss	MSE-502 MSE-502-1 all models unavailable	Rp,Fm	ON	2	X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
60	unavailable AO "	R4052 R5052 R6052	Rp,Fm	ON	2	X X X
63	Siebe-Norton	7504-unav. 7504M, 7704M 7504S, 7704S 7504L, 7704L	Rp,Fm	ON	2	X X
64	Siebe-Norton	7514-unav. 7514M, 7714M 7514S, 7714S 7514L, 7714L	Rp,Fm	ON	2	X X D,M,A
65	Siebe-Norton	7503-unav. 7503M, 7703M 7503S, 7703S 7503L, 7703L	Rp,Fm	ON	2	X X X X
66	Siebe-Norton	7513-unav. 7513M, 7713M 7513S, 7713S 7513L, 7713L	Rp,Fm	ON	2	X X X X D,M,A
70	Willson	1224 S1224R, 1224S S1224SS, 1224SR S1224, S1224SSS S1224SR, 1224SSS S1224S, 1224R 1224SS	Rp,Fm	ON	2	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
71	Willson	122410 S122410, 122410S S122410R, 122410SS S122410SR, 1222410SSS S122410S, 122410R S122410SS, 122410SR S122410SSS	Rp,Fm	ON	2	X X X D,M,A
73	Siebe-Norton	7511-unav. 7511M, 7711M 7511S, 7711S 7511L, 7711L	Rp,Fm	ON	2	X D,M,A
74	Siebe-Norton	7549-unav. 7549M, 7749M 7549S, 7749S 7549L, 7749L	Rp,Fm	ON	2	X
75	Siebe-Norton	7531-unav. 7531M, 7731M 7531S, 7731S 7531L, 7731L	Rp,Fm	ON	2	X X
75	Acme Automotive Finishes	27-obsolete	Rp,Fm	ON	2	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
76	Willson	1225 S1225, 1225S S1225S, 1225SR S1225SR, S1225R S1225SS, S1225SSS 1225SSS, 1225R 1225SS	Rp,Fm	ON	2	X X X X X
77	Willson	122510 S122510, 122510S S12251R, 122510SR S1225S, S1225SS S1225SR, 122510R 122510SS, 122510SSS S1225SSS	Rp,Fm	ON	2	X X X X X D,M,A
78	3M S - unav.	W-262-12 W-262-24 W-263-L,-M,-S W-279-12 W-279-24 W-264 W-291-12 W-291-24 W-296-12 W-296-24 W-351-12 W-351-24	Pw	H/H	1	X
79	MSA	44848 461009	Rp,Fm,Bm	ON	2	X X X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
80	MSA	448849 462241 460853 466249 466250 466251 466255 466528 466529	Rp,Fm,Bm	ON	2	X D,M
81	Pulmosan	C256* 10009 10183 10219 10270	Rp,Fm	ON	1	X
82	unavailable A0 " "	R4053 R5053 R6053	Rp,Fm	ON	2	X X X X X
83	A0	R4055, S4055 R5055, S5055 R6055, S6055	Rp,Fm	ON	2	X D,M,A
84	A0	R8151 S8151	Rp,Fm	ON	1	X
85	A0	R8153 S8153	Rp,Fm	ON	1	X X X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
86	Binks	40-129	Rp,Fm	ON	2	X
87	Binks	40-128	Rp,Fm	ON	2	X X D,M
88	Glendale	GR1621 GR2021 GR4021 GR8021	Rp,Fm	ON	2	X
89	Glendale	GR1621-10 GR2021-10 GR4021-10 GR8021-20	Rp,Fm	ON	2	X D,M
90	Glendale	GR1621-20 GR1621-60 GR2021-20 GR2021-60 GR4021-20 GR4021-60 GR8021-20 GR8021-60	Rp,Fm	ON	2	X X
91	Pulmosan	C259 10024 10198 10222 10282	Rp,Fm	ON	1	X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
92	A0	R8191P S8191P	Rp,Fm	ON	1	X D,M
93	A0	R8151P S8151P	Rp,Fm	ON	1	X D,M
94	A0	R4051 R5051P R6051	Rp,Fm	ON	2	X D,M
96	DeVilbiss	MSP-505 MSP-505-1	Rp,Fm	ON	2	X D,M
97	A0	R4091P,S4091P R5091P,S5091P R6091P,S6091P	Rp,Fm	ON	2	X D,M,A
99	Cesco	94R40 unavailable	Rp,Fm	ON	2	X
100	Pulmosan	C-251* 10006 10180 10225 10267 11030	Rp,Fm	ON	1	X
100	Fibre Metal	C-251* 10180	Rp,Fm	ON	1	X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
101	Siebe-Norton	7401Lobsolte 7401M "	Rp,Fm	ON	1	X
102	Siebe-Norton	75BP01-unav. Rp,Bm 75BP01M, 75BP01L	Rp,Bm	ON	2	X
103	Siebe-Norton	75BP11-unav. Rp,Bm 75BP11M, 75BP11L	Rp,Bm	ON	2	X D,M,A
104	Siebe-Norton	75BP03-unav. Rp,Bm 75BP03M, 75BP03L	Rp,Bm	ON	2	X X X X X
105	Siebe-Norton	75BP13-unav. Rp,Bm 75BP13M, 75BP13L R4058	Rp,Bm	ON	2	X X X X X D,M,A
106	A0	R4058, S4058 R5058, S5058 R6059, S6058	Rp,Fm	ON	2	X X D,F,M
107	Cover	1482-G100	Rp,Fm	ON	2	X
107	Sellstrom	315-G100	Rp,Fm	ON	2	X
107	Eastern	E451	Rp,Fm	ON	2	X
107	Safe-Tex	236-G100*	Rp,Fm	ON	2	X
108	MSA	460400 460378	Es	M	1	X X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
109	unavailable AO "	R4054 R5054 R6054	Rp,Fm	ON	2	X X
110	Pulmosan	C-241 unav. 10264, 10177 10228, 10003 11051	Rp,Fm	ON	1	X
110	Fibre Metal	C-241 unav. 10177, 10228 10003, 10264	Rp,Fm	ON	1	X
111	AO	R9722	Es	M	1	X X X D,M
113	Scott	6411-0013* 64-OV, 6413-0013* 64E-OV, 6421-0013* 64M-OV, 6423-0013* 64ME-OV, 6412-0013* 64S-OV, 6422-0013* 64SE-OV	Rp,Fm	ON	2	X
114	Scott	6411-0113* 64-OV-D, 6413-0113* 64E-OV-D, 6421-0113* 64M-OV-D, 6423-0113* 64ME-OV-D, 6412-0113* 64S-OV-D, 6422-0113*	Rp,Fm	ON	2	X D,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
115	Scott 64-AG 64M-AG 64ME-AG 64S-AG 64SE-AG	6411-0001* 6413-0001* 6421-0001* 6423-0001* 6412-0001* 6422-0001*	Rp,Fm	ON	2	X X X and 30 ppm formaldehyde
116	Scott 64-AG-D 64E-AG-D 64M-AG-D 64ME-AG-D 64S-AG-D 64SE-AG-D	6411-0101* 6413-0101* 6421-0101* 6423-0101* 6412-0101* 6422-0101*	Rp,Fm	ON	2	X X X and 30 ppm formaldehyde D,M,A
117	Scott 64-OV-D 64E-OV-D 64M-OV-D 64ME-OV-D 64S-OV-D 64SE-OV-D	6412-0313* 6422-0313* 6411-0313* 6413-0313* 6421-0313* 6423-0313*	Rp,Fm	ON	2	X X D,F,M,A,R
118	U.S. Safety	150120 150L20	Fm	ON	2	X
119	Cesco	95RC25 95SMRC25	Fm	ON	2	X
Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	OV	CL	S02	HCl	NH3	MA	PLE	PEST	DFM
120	U.S. Safety	150T23 150L23	Rp,Fm	ON	2	X								D,M,A
121	Cesco	95RC45 95SMRC45	Rp,Fm	ON	2	X								D,M,A
122	Siebe-Norton	7542,obsolete	Rp,Fm	ON	2	X	X	X	X					D,M,A
123	3M	7542M obsolete 8712 Su 8734 8741 8751		ON	1	X				X-	X-	8741	8751	8734 only
124	Cover	1482-G100- F102	Rp,Fm	ON	2	X								X
124	Eastern Sellstrom	E454 315-G100- F102	Rp,Fm	ON	2	X								X
124	Safe-Tex	236-G100- F102 *obsolete	Rp,Fm	ON	2	X								X
125	U.S. Safety	150T24	Rp,Fm	ON	2	X								X
126	Cesco	95RC35	Rp,Fm	ON	2	X								X
127	Stewart- Warner	7931 unavailable	Rp,Fm	ON	2	X								X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	OV	CL	S02	HCl	NH3	MA	PLE	PEST	DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
128	Northcott	70-450 unavailable	Rp,Fm	ON	2	X
129	3M	8714 8720 unavailable	Su	ON	1	X X X D,M 8720 only
130	Willson	1621 1721	Rp,Fm	FF	2	X
131	Willson	162113 172113	Rp,Fm	FF	2	X D,M,F,A
133	Willson	162115 172115	Rp,Fm	FF	2	X X X D,M
134	Willson	162110 172110	Rp,Fm	FF	2	X D,M,A
139	Willson	1624 1724	Rp,Fm	FF	2	X X
140	Willson	162410 172410	Rp,Fm	FF	2	X X D,M,A
141	Willson	1625 1725	Rp,Fm	FF	2	X X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
142	Willson	162510 172510	Rp,Fm	FF	2	X X X X D,M,A
144	MSA	461848	Rp,Fm	FF	2	X D,M
145	MSA	461849	Rp,Fm	FF	2	X X X X D,M and 30 ppm formaldehyde
146	MSA	461850	Rp,Fm	FF	2	X X X X D,M and 30 ppm formaldehyde
147	MSA	461851	Rp,Fm	FF	2	X X D,M
148	MSA	461858	Rp,Fm	FF	2	X
149	MSA	461846 466256 466257 476258 471727	Rp,Fm	FF	2	X D,M
150	MSA	461854	Rp,Fm	FF	2	X X X H,A and 30 ppm formaldehyde
151	MSA	461852	Rp,Fm	FF	2	X D,M,A
152	MSA	461857	Rp,Fm	FF	2	X X H,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM and 30 ppm formaldehyde
153	MSA	461855	Rp,Fm	FF	2	X X X X and 30 ppm formaldehyde H,A
154	MSA	461856	Rp,Fm	FF	2	X X X X and 30 ppm formaldehyde DFM R
155	MSA	461853	Rp,Fm	FF	2	X X X X and 30 ppm formaldehyde H,A
156	MSA	461835 462239	Rp,Fm,Bm	ON	2	X X X X and 30 ppm formaldehyde H,A
157	MSA	460965 462238	Rp,Fm,Bm	ON	2	X D,M,A
158	MSA	460849 461015	Rp,Fm,Bm	ON	2	X X X H,A
159	MSA	460847 461013	Rp,Fm,Bm	ON	2	X X X X and 30 ppm formaldehyde H,A
160	MSA	460848 461014	Rp,Fm,Bm	ON	2	X X X X and 30 ppm formaldehyde DFM R
161	MSA	460846 461012	Rp,Fm,Bm	ON	2	X X X H,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM and 30 ppm formaldehyde

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
163	Cover	1482-G104 1482-G104-F100	Rp,Fm	ON	2	X X X X D,M,A 1482-G104-F100 only
163	Sellstrom	315-G104 315-G104-F100	Rp,Fm	ON	2	X X X X D,M,A 315-G104-F100 only
163	Eastern	E-452	Rp,Fm	ON	2	X X X X D,M,A
164	Cesco	95RC55 95SMRC55	Fm	ON	2	X X X X
165	Cesco	95RC75 95SMRC75	Rp,Fm	ON	2	X X X X D,M,A
166	Cesco	95RC85 95SMRC85	Fm	ON	2	X X X X
167	Cesco	95RC105 95SMRC105	Rp,Fm	ON	2	X X X X D,M,A
168	U.S. Safety	150T21 150L21	Fm	ON	2	X X X X
169	U.S. Safety	150T25 150L25	Rp,Fm	ON	2	X X X X D,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
170	U.S. Safety	150T26 150L26	Fm	ON	2	X X X X
171	U.S. Safety	150T28 150L28	Rp,Fm	ON	2	X X X X D,M,A
172	Scott	6411-0015* Fm 64-0A, 6413-0015* 64E-0A, 6421-0015* 64M-0A, 6423-0015* 64ME-0A, 6412-0015* 64S-0A, 6422-0015* 64SE-0A	Fm	ON	2	X X X X and 30 ppm formaldehyde
174	Scott	6411-0115* Fm 64-0A-D, 6413-0115* 64E-0A-D, 6421-0115* 64M-0A-D, 6423-0115* 64ME-0A-D, 6412-0115* 64S-0A-D, 6422-0115* 64SE-0A-D	Fm	ON	2	X X X X and 30 ppm formaldehyde D,M,A
175	Siebe-Norton	75BP31-unav. 75BP31M 75BP31L	Rp,Bm	ON	2	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
176	Siebe-Norton	75BP04-unav. 75BP04M 75BP04L	Rp,Bm	ON	2	X X
177	Siebe-Norton	75BP14-unav. 75BP14M 75BP14L	Rp,Bm	ON	2	X X D,M,A
178	Siebe-Norton	75BP49-unav. 75BP49M 75BP49L	Rp,Bm	ON	2	X
179	Siebe-Norton	OBSOLETE 75BP42 75BP42M	Rp,Bm	ON	2	X X X D,M,A
180	Siebe-Norton	7601 7601S 7601N obsolete 7601SN obsolete	Rp,Fm	FF	2	X
181	Siebe-Norton	7603 7603S 7603N obsolete 7603SN obsolete	Rp,Fm	FF	2	X X X X
182	Siebe-Norton	7604 7604S 7604N obsolete 7604SN obsolete	Rp,Fm	FF	2	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
183	Glendale	GR-1622 GR-2022 GR-4022 GR-8022	Rp,Fm	ON	2	X X X X
184	Glendale	GR-1622-10 GR-2022-10 GR-4022-10 GR-8022-10	Rp,Fm	ON	2	X X X X D,M
185	Siebe-Norton	7611 7611S 7611N obsolete 7611SN obsolete	Rp,Fm	FF	2	X D,M,A
186	Siebe-Norton	7613 7613S 7613N obsolete 7613SN obsolete	Rp,Fm	FF	2	X X X X D,M,A
187	Siebe-Norton	7614 7614S 7614N obsolete 7614SN obsolete	Rp,Fm	FF	2	X X X X D,M,A
188	Siebe-Norton	7631 7631S 7631N obsolete 7631SN obsolete	Rp,Fm	FF	2	X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
189	Siebe-Norton	7642obsolete 7642S obsolete 7642N obsolete 7642SN obsolete	Rp,Fm	FF	2	X X X X D,M,A
190	Siebe-Norton	7649 7649S 7649N obsolete 7649SN obsolete	Rp,Fm	FF	2	X
191	U.S. Safety	150T22 150L22	Fm	ON	2	X X
192	Cesco	95RC65 95SMRC65	Fm	ON	2	X X
193	U.S. Safety	150T27 150L27	Rp,Fm	ON	2	X X D,M
194	Cesco	95RC95 95SMRC95	Rp,Fm	ON	2	X X D,M
195	3M	8721 8722	Su	ON	1	X D,M
196	3M	8723 8724	Su	ON	1	X X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
197	Glendale	GR-1625 GR-2025 GR-4025 GR-8025	Rp,Fm	ON	2	X
198	U.S. Safety	150130 unavailable	Fm	ON	2	X
199	Cesco	95RC125 unavailable	Fm	ON	2	X
200	3M	8716	Su	ON	1	-- 10 ppm vinyl chloride
201	MSA	465986 466239 466240 466241 466526 466527	Rp,Fm	ON	2	X D,M
202	Cover	1482-G100- F104	Rp,Fm	ON	2	X D,M
202	Eastern	E455	Rp,Fm	ON	2	X D,M
202	Sellstrom	315-G100- F104	Rp,Fm	ON	2	X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
203	Pulmosan	10012 10186 10240 10273	Rp,Fm	ON	1	X X X
204	Siebe-Norton	7581M, 7781M 7581S, 7781S 7581L, 7781L 7581-unavailable	Rp,Fm	ON	2	X X H
205	Siebe-Norton	75BP81-unav. 75BP81M 75BP81L	Rp,Bm	ON	2	X X H
206	Siebe-Norton	7681, 7681S	Rp,Fm	FF	2	X H
207	Siebe-Norton unavailable	7582M, 7782M 7582S, 7782S 7582L, 7782L 7582	Rp,Fm	ON	2	X X X H
208	Siebe-Norton	75BP82-unav. 75BP82M 75BP82L	Rp,Bm	ON	2	X X X H
209	Siebe-Norton	7682, 7682S	Rp,Fm	FF	2	X X X H
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
210	Siebe-Norton unavailable	7583M, 7783M 7583S, 7783S 7583L, 7783L 7583	Rp,Fm	ON	2	X X X X
211	Siebe-Norton	758P83-unav. 758P83M 758P83L	Rp,Bm	ON	2	X X X X
212	Siebe-Norton unavailable	7683S 7683	Rp,Fm	FF	2	X X X X
213	Siebe-Norton unavailable	7584M, 7784M 7584S, 7784S 7584L, 7784L 7584	Rp,Fm	ON	2	X X
214	Siebe-Norton	758P84* 758P84L 758P84M	Rp,Bm	ON	2	X X
215	Siebe-Norton	7684, 7684S	Rp,Fm	FF	2	X X
216	3M	8725 8726	Su	ON	1	X X X X D,M 8726 only
*unavailable						
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
217	3M	8727 8728	Su	ON	1	X X D,M 8728 only
218	Scott	6470-0101* 65-AG-D, 6480-0101* 65S-AG-D	Rp, Fm	FF	2	X X X D,M,A and 30 ppm formaldehyde
219	Scott	6470-0013* 65-OV, 6480-0013* 65S-OV	Rp, Fm	FF	2	X
220	Scott	6470-0113* 65-OV-D, 6480-0113* 65S-OV-D	Rp, Fm	FF	2	X D,M
221	Scott	6470-0015* 65-OA, 6480-0015* 65S-OA	Rp, Fm	FF	2	X X X X and 30 ppm formaldehyde
222	Scott	6470-0115* 65-OA-D, 6480-0115* 65S-OA-D	Rp, Fm	FF	2	X X X X D,M,A and 30 ppm formaldehyde
223	Scott	Replaced by TC-23C-177				
224	Scott	6470-0313* 65-OV-P, 6480-0313* 65S-OV-P	Rp, Fm	FF	2	X X X D,F,M,A,R
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
225	Scott	6470-0001 65-AG, 6480-0001 65S-AG	Rp,Fm	FF	2	X X X and 30 ppm formaldehyde
226	Siebe-Norton	7502-unav. 7502S, 7702S 7502M, 7702L 7502L, 7702M	Rp,Fm	ON	2	X X X and 30 ppm formaldehyde
227	Siebe-Norton	75BP02-unav. 75BP02M 75BP02L	Rp,Bm	ON	2	X X X and 30 ppm formaldehyde
228	Siebe-Norton unavailable "	7602 7602S 7602N 7602SN	Rp,Fm	FF	2	X X X and 30 ppm formaldehyde
229	Siebe-Norton	7512-unav. 7512S, 7712S 7512M, 7712M 7512L, 7712L	Rp,Fm	ON	2	X X X and 30 ppm formaldehyde D,M,A
230	Siebe-Norton	75BP12-unav. 75BP12M 75BP12L	Rp,Bm	ON	2	X X X and 30 ppm formaldehyde D,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
231	Siebe-Norton unavailable "	7612 7612S 7612N 7612SN	Rp,Fm	FF	2	X X X X and 30 ppm formaldehyde D,M,A
232	Pulmosan	10027, 10201 10252, 10285	Rp,Fm	ON	1	X X X X D,M
233	A0 unavailable	R7052	Rp,Fm	FF	2	X X X X
234	A0 unavailable	R7053	Rp,Fm	FF	2	X X X X X
235	A0 unavailable	R7054	Rp,Fm	FF	2	X X X X
236	A0 unavailable	R7051	Rp,Fm	FF	2	X X X X
237	A0	R7055 S7055	Rp,Fm	FF	2	X X X X D,M,A
238	A0	R7058 S7058	Rp,Fm	FF	2	X X X X D,M,F
239	A0 unavailable	R7051P	Rp,Fm	FF	2	X X X X
240	A0	R7091P S7091P	Rp,Fm	FF	2	X X X X D,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
241	Glendale	GR-1623 GR-2023 GR-4023 GR-8023	Rp,Fm	ON	2	X X X X
242	Glendale	GR1623-10 GR2023-10 GR4023-10 GR8023-10	Rp,Fm	ON	2	X X X X
243	MSA	466165	Rp,Fm	ON	2	X H,A
244	MSA	466163	Rp,Bm	ON	2	X H,A
245	MSA	466164	Rp,Fm	FF	2	X H,A
246	Scott	6411-0301* 64-AG-F, 6413-0301* 64E-AG-F, 6421-0301* 64M-AG-F, 6423-0301* 64ME-AG-F, 6412-0301* 64S-AG-F, 6422-0301* 64SE-AG-F	Rp,Fm	ON	2	X X X and 30 ppm formaldehyde DFMAR
247	Scott	6470-0301* 65-AG-F, 6480-0301* 65S-AG-F	Rp,Fm	FF	2	X X X and 30 ppm formaldehyde DFMAR
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
248	Scott	Replaced by TC-23C-117				
249	Scott	Replaced by TC-23C-224				
250	Scott	6411-0315* Rp,Fm 64-0A-F, 6413-0315* 64M-0A-F, 6421-0315* 64ME-0A-F, 6423-0315* 64E-0A-F, 6412-0315* 64S-0A-F, 6422-0315* 64SE-0A-F		ON	2	X X X X and 30 ppm formaldehyde DFMAR
251	Scott	6470-0315* Rp,Fm 65-0A-F, 6480-0315* 65S-0A-F		FF	2	X X X X and 30 ppm formaldehyde DFMAR
252	Scott	6411-0004* Rp,Fm 64-AM, 6413-0004* 64E-AM, 6421-0004* 64M-AM, 6423-0004* 64ME-AM, 6412-0004* 64S-AM, 6422-0004* 64SE-AM		ON	2	X X X
253	Scott	6470-0004* Rp,Fm 65-AM, 6480-0004* 65S-AM		FF	2	X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
254	Scott	6411-0104* Rp,Fm 64-AM-D, 6413-0104* 64E-AM-D, 6421-0104* 64M-AM-D, 6423-0104* 64ME-AM-D, 6412-0104* 64S-AM-D, 6422-0104* 64SE-AM-D		ON	2	X X X DMA
255	Scott	6470-0104* Rp,Fm 65-AM-D, 6480-0104 65S-AM-D		FF	2	X X X DMA
256	Scott	6411-0304* Rp,Fm 64-AM-F, 6413-0304* 64E-AM-F, 6412-0304* 64M-AM-F, 6423-0304* 64ME-AM-F, 6421-0304* 64S-AM-F, 6422-0304* 64SE-AM-F		ON	2	X X X DFMAR
257	Scott	6470-0304* Rp,Fm 65-AM-F, 6480-0304* 65S-AM-F		FF	2	X X X DFMAR
258	Willison	122116 Rp,Fm S122116, 122116S S122116R, 122116SR S122116S, S122116SS S122116SSS, 122116SSS S122116SR, 122116R 122116SS		ON	2	X X X DM
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DM
259	Willson	162116 172116	Rp,Fm	FF	2	X X X D,M
260	MSA	466903	Rp,Fm	ON	2	X X X X 30 ppm formaldehyde DM
261	MSA	466902	Rp,Bm	ON	2	X X X X 30 ppm formaldehyde DM
262	MSA	466904	Rp,Fm	FF	2	X X X X DM
263	Cesco	96RC45	Rp,Fm	FF	2	X DMA
264	U.S. Safety	151T23	Rp,Fm	FF	2	X DMA
265	Cesco	96RC75	Rp,Fm	FF	2	X X X DMA
266	U.S. Safety	151T25	Rp,Fm	FF	2	X X X DMA
267	Cesco	96KC105	Rp,Fm	FF	2	X X X X DMA
268	U.S. Safety	151T28	Rp,Fm	FF	2	X X X X DMA
Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
269	Cesco	96RC95	Rp,Fm	FF	2	X X DMA
270	U.S. Safety	151T27	Rp,Fm	FF	2	X X DMA
271	Cesco	96RC35 obsolete	Rp,Fm	FF	2	X X
272	U.S. Safety	151T24 obsolete	Rp,Fm	FF	2	X X
273	Cesco	96RC125 obsolete	Rp,Fm	FF	2	X
274	U.S. Safety	151T30 obsolete	Rp,Fm	FF	2	X
275	Cover	1482-G100- F108	Rp,Fm	ON	2	X DFM
276	Cover	1482-G100- F100	Rp,Fm	ON	2	X D,M
277	DeVilbiss	MSP-507	Rp,Fm	ON	1	X
278	DeVilbiss	MSP-506	Rp,Fm	ON	1	X X D,M
279	Cover	1482-G106	Rp,Fm	ON	2	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection			
						OV	Cl	S02	HCl NH3 MA PLE PEST DFM
279	Sellstrom	315-G-106 obsolete	Rp,Fm	ON	2				X X
280	Cover	2482-G106- F100	Rp,Fm	ON	2				X X D,M
281	A0	R4563, S4563 R5563, S5563 R6563, S6563	Rp,Fm	ON	2	X	X	X	X D,F,M
282	A0	R7563 S7563	Rp,Fm	FF	2	X	X	X	X D,F,M
283	Pulmosan	10018 10246 10192 10279	RP, FM	ON	1				X X
284	Pulmosan	10033 10207 10258 10291	RP, FM	ON	1				X X DM
285	MSA	468023 468024 468025 471728 471729	RP, FM	FF	2	X			X DM
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection			
						OV	Cl	S02	HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
286	MSA	468026, 468027 468028 468029 468030 468031	RP, BM	ON	2	X DM
287	SurvivAir Div. USO Corp.	2201-00 2301-00 2201-00	RP, FM	ON	2	X
288	Siebe-Norton	7902	ES	M	1	X X X
289	Willson	1234, 1234S S1234, S1234R S1234S, S1234SR S1234SS, S1234SSS	RP, FM	ON	2	X X
290	Willson	1634, 1734	RP, FM	FF	2	X X
291	Willson	123412 S123412, 123412S S123412R, 123412SR S123412SR, S123412SSS	RP, FM	ON	2	X X H,A
292	Willson	163412 173412	RP, FM	FF	2	X X H,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
293	Willson	1231, 1231R, RP, FM S1231, 1231S S1231R, 1231SR S1231SR, S1231SS S1231SSS, S1231SSS 1231SSS, 1231SSS		ON	2	X
294	Willson	123112, RP, FM S123112, 123112S S123112R, 123112SR S123112S, S123112SR S123112SS, S123112SSS 123112SSS, 123112R 123112SS		ON	2	H, A
295	Willson	1631, 1731	RP, FM	FF	2	X
296	Willson	163112, 173112	RP, FM	FF	2	X H,A
297	3M	8729	SU	ON	1	X
298	Willson	1235, 1235S, RP, FM S1235, 1235SR S1235R, S1235S S1235SS, S1235SSS 1235SSS, 1235R 1235SS, 1235R		ON	2	X X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
299	Willson	123512, 123512S S123512R, 123512SR S123512S, S123512SS S123512SSS, 123512SSS 123512R, 123512SS S123512SR	RP, FM	ON	2	X X X X H,A
300	Willson	1635, 1735	RP, FM	FF	2	X X X X
301	Willson	163512, 173512	RP, FM	FF	2	X X X X H,A
302	Cesco	95RC20 95SMRC20	RP, FM	ON	2	X HRA
303	U.S.Safety	150T40 150L40	RP, FM	ON	2	X HRA
304	Cesco	96RC20	RP, FM	FF	2	X HRA
305	U.S.Safety	151T40	RP, FM	FF	2	X HRA
306	Cesco	95RC50 95SMRC50	RP, FM	ON	2	X X X HRA
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
307	U.S. Safety	150T41 150L41	RP, FM	ON	2	X X X HRA
308	Cesco	96RC50	RP, FM	FF	2	X X X HRA
309	U.S. Safety	151T41	RP, FM	FF	2	X X X HRA
310	Cesco	95RC80 95SMRC80	RP, FM	ON	2	X X X X HRA
311	U.S. Safety	150T46 150L46	RP, FM	ON	2	X X X X HRA
312	Cesco	96RC80	RP, FM	FF	2	X X X X HRA
313	U.S. Safety	151T46	RP, FM	FF	2	X X X X HRA
314	Cesco	95RC60 95SMRC60	RP, FM	ON	2	X X X HRA
315	U.S. Safety	150T42 150L42	RP, FM	ON	2	X X X HRA
316	Cesco	96RC60	RP, FM	FF	2	X X X HRA
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
317	U.S. Safety	151142	RP, FM	FF	2	X X HRA
318	SurvivAir Div. USD Corp.	2203-00 2103-00 2303-00	RP, FM	ON	2	X X X X
319	Sellstrom	315-G106	RP, FM	ON	2	X X
320	Pulmosan	10015, 10189 10243, 10276	RP, FM	ON	1	X X X X
321	SurvivAir Div. USD Corp.	2221-00 2121-00 2321-00	RP, FM	ON	2	X D, M, A
322	SurvivAir Div. USD Corp.	2211-00 2111-00 2311-00	RP, FM	ON	2	X DMA
323	SurvivAir Div. USD Corp.	2231-00 2131-00 2331-00	RP, FM	ON	2	X DF MAR
324	Pulmosan	10030 10255, 10204 10288	RP, FM	ON	1	X X X X DM
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
325	A0	R4051A, S4051A R5051A, S5061A R6051A, S6051A	RP, FM	ON	2	X
326	A0	R7051A S7051A	RP, FM	FF	2	X
327	A0	R4051AD, S4051AD R5051AD, S5051AD R6051AD, S6051AD	RP, FM	ON	2	X DMA
328	A0	R7051AD S7051AD	RP, FM	FF	2	X DMA
329	A0	R4054A, S4054A R5054A, S5054A R6054A, S6054A	RP, FM	ON	2	X X X X
330	A0	R7054A S7054A	RP, FM	FF	2	X X X X
331	A0	R4054AD, S4054AD R5054AD, S5054AD R6054AD, S6054AD	RP, FM	ON	2	X X DMA
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
332	A0	R7054AD S7054AD	RP, FM	FF	2	X X DMA
333	A0	R4051AP, S4051AP R5051AP, S5051AP R6051AP, S6051AP	RP, FM	ON	2	X X DMA
334	A0	R7051AP S7051AP	RP, FM	FF	2	X X DMA
335	DeVilbiss	MSP-508	RP, FM	ON	2	X X DMA
336	U.S. Safety	150T35 150L35	Rp, Fm	ON	2	X X DFMRA
337	Cesco	95RC115 95SMRC115	Rp, Fm	ON	2	X X DFMRA
338	U.S. Safety	151T35	Rp, Fm	FF	2	X X DFMRA
339	A0	R4052A, S4052A R5052A, S5052A R6052A, S6052A	Rp, Fm	ON	2	X X X X
340	A0	R7052A S7052A	Rp, Fm	FF	2	X X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection								
						OV	Cl	S02	HCl	NH3	MA	PLE	PEST	DFM
341	A0	R4052AD R5052AD R6052AD	Rp,Fm	ON	2			X	X	X				DMA
342	A0	R7052AD S7052AD	Rp,Fm	FF	2			X	X	X				DMA
343	A0	R4053A, S4053A R5053A, S5053A R6053A, S6053A	Rp,Fm	ON	2			X	X	X	X			
344	A0	R7053A S7053A	Rp,Bm	FF	2			X	X	X	X			
345	A0	R4053AD, S4053AD R5053AD, S5053AD R6053AD, S6053AD	Rp,Fm	ON	2			X	X	X	X			DMA
346	A0	R7053AD S7053AD	Rp,Fm	FF	2			X	X	X	X			DMA
347	Eastern	E453	Rp,Fm	ON	2					X	X			
348	Cesco	96RC115	Rp,Fm	FF	2			X				X	X	DFMA
Approval number IC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection								
						OV	Cl	S02	HCl	NH3	MA	PLE	PEST	DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
349	Siebe-Norton	10001S 10001M	Su	ON	1	X
350	Siebe-Norton	10004S 10004M	Su	ON	1	X X
351	SurvivAir Div. USD Corp.	3201-00	Rp,Fm	FF	2	X
352	Siebe-Norton	10003S 10003M	Su	ON	1	X X X X
353	Siebe-Norton	10002S 10002M	Su	ON	1	X X X
354	Siebe-Norton	10041S 10041M	Su	ON	1	X X X
355	Siebe-Norton	10011S 10011M	Su	ON	1	X DMA
356	Siebe-Norton	10012S 10012M	Su	ON	1	X X X DMA
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM



CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
357	Siebe-Norton	10013S 10013M	Su	ON	1	X X X X DMA
358	Siebe-Norton	10014S 10014M	Su	ON	1	X X DMA
359	Cover	1482-G102	Rp, Fm	ON	2	X X X
360	Willson	3021, 3021R S3021, 3021S, S3021SR, S3021SS S3021SSS, 3021SS 3021SSS	Rp, Bm	ON	2	X
361	Willson	3121, 3221	Rp, Bm	FF	2	X
362	Willson	3031, 3031S S3031, 3031R, S3031SR, S3031SS S3031SSS, S3031SR S3031R, S3031SS S3031SSS, 3031SR	Rp, Bm	ON	2	X
363	Willson	3131, 3231	Rp, Bm	FF	2	X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
364	Willson	3024, 3024S Rp, Bm S3024, 3024SR S3024S, 3024R S3024R, S3024SR S3024SS, S3024SSS 3024SS, 3024SSS		ON	2	X X
365	Willson	3124, 3224 Rp, Bm,		FF	2	X X
366	Willson	3034, 3034S Rp, Bm S3034, 3034R, S3034R, 3034SR S3034S, S3034SR S3034SS, S3034SSS 3034SS, 3034SSS		ON	2	X X
367	Willson	3134, 3234 Rp, Bm		FF	2	X X
368	Willson	3025, 3025S Rp, Bm S3025, 3025R S3025R, 3025SR S3025S, 3025SSS S3025SS, S305SSS 3025SS, 3025SR		ON	2	X X X X
369	Willson	3125, 3225 Rp, Bm		FF	2	X X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM
370	Willson	3035, 3035S Rp, Bm S3035, 3035R S3035S, 3035SR S3035R, S3035SR S3035S, S3035SS 3035SS, 3035SSS	Rp, Bm	ON	2	X X X X
371	Willson	3135, 3235	Rp, Bm	FF	2	X X X X
372	3M	8754	Su	ON	1	30 ppm formaldehyde
373	Stewart Warner 7931+		Rp, Fm	ON	2	X X X DFMRA
374	Willson	302115 Rp, Bm S302115, 302115R S302115R, 302115S S302115S, 302115SR S302115SR, S302115SS S302115SS, 3032115SS 302115SSS	Rp, Bm	ON	2	X X X DM
375	Willson	312115, 322115	Rp, Bm	FF	2	X X X DM
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
376	Willson	302116 S302116, 302116R S302116S, 302116S S302116SR, 302116SR S302116SS, S302116SSS S302116R, 302116SSS 302116SSS	Rp, Bm	ON	2	X D,M
377	Willson	312116, 322116	Rp, Bm	FF	2	X D,M
378	Willson	302410 S302410, 302410S S302410R, 302410R S302410SR, 302410SR S302410SS S302410SSS 302410SS, 302410SSS S302410S	Rp, Bm	ON	2	X X D,M,A
379	Willson	312410 322410	Rp, Bm	FF	2	X X D,M,A
380	Willson	302510 S302510, 302510R S302510S, 302510S S302510R, 302510SR S302510SR, S302510SS S302510SSS, 302510SS 302510SSS	Rp, Bm	ON	2	X X X X D,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM
381	Willson	312510 322510	Rp,Bm	FF	2	X X X X D,M,A
382	Willson	303112 S303112, 303112R S303112R, 303112S S303112S, 303112SR S303112SR, S303112SS S303112SSS, 303112SS 303112SSS	Rp,Bm	ON	2	X H
383	Willson	313112 323112	Rp,Bm	FF	2	X H
384	Willson	303412 S303412, 303412R S303412R, 303412S S303412S, 303412SR S303412SS, S303412SSS 303412SS, 303412SSS S303414SR	Rp,Bm	ON	2	X X H,A
385	Willson	313412 323412	Rp,Bm	FF	2	X X H,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
386	Willson	303512 S303512, 303512R S303512S, 303512S S303512R, 303512SR S303512SR, S303512SS S303512SSS, 303512SSS 303512SSS	Rp,Bm	ON	2	X X X X H,A
387	Willson	313512 323512	Rp,Bm	FF	2	X X X X H,A
388	Willson	312110 322110	Rp,Fm	FF	2	X D,M,A
389	Willson	302110 S302110, 302110R S302110S, 302110S S302110R, 302110SR S302110SR, 302110SS S302110SSS, 302110SS 302110SSS	Rp,Bm	ON	2	X D,M,A
390	Willson	312113 322113	Rp,Bm	FF	2	X D,F,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM
391	Willson	302113 S302113, 302113R S302113S, 302113S S302113R, 302113SR S302113SR, S302113SS S302113SSS, 302113SS 302113SSS	Rp,Bm 302113R	ON	2	X D,F,M,A
392	Northcott	70-450+	Rp,Fm	ON	2	X DFMAR
393	SurvivAir Div. USD Corp.	2133-00 2233-00 2333-00	Rp,Fm	ON	2	X X X X DFMAR
394	SurvivAir Div. USD Corp.	3233-00	Rp,Fm	FF	2	X X X X DFMAR
395	SurvivAir Div. USD Corp.	2192-00 2292-00 2392-00	Rp,Fm	ON	2	X X X X H,A
396	SurvivAir Div. USD Corp.	3292-00	Rp,Fm	FF	2	X X X X H,A
397	Siebe-Norton	7505S 7505M 7505L	Rp,Fm	ON	2	30 ppm Formaldehyde
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HC1 NH3 MA PLE PEST DFM
398	Siebe-Norton	7515S 7515M 7515L	Rp,Fm	ON	2	30 ppm Formaldehyde D,M
399	Siebe-Norton	75BP05M 75BP05L	Rp,Fm	ON	3	30 ppm Formaldehyde
400	Siebe-Norton	75BP15M 75BP15L	Rp,Fm	ON	2	30 ppm Formaldehyde D,M
401	Siebe-Norton	7605 7605S	Rp,Fm	FF	2	30 ppm Formaldehyde
402	Siebe-Norton	7615 7615S	Rp,Fm	FF	2	30 ppm Formaldehyde D,M
403	Glendale	GR1624 GR2024 GR4024 GR8024	Rp,Fm	ON	2	X
404	Glendale	GR7021	Rp,Fm	FF	2	X
405	Glendale	GR7021-10	Rp,Fm	FF	2	X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HC1 NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
406	Glendale	GR7021-20 GR7021-60	Rp,Fm	FF	2	X
407	Glendale	GR7022	Rp,Fm	FF	2	X X X
408	Glendale	GR7022-10	Rp,Fm	FF	2	X X X D,M
409	Glendale	GR7025	Rp,Fm	FF	2	X
410	Glendale	GR7023	Rp,Fm	FF	2	X X X X
411	Glendale	GR7023-10	Rp,Fm	FF	2	X X X X D,M
412	Glendale	GR7024	Rp,Fm	FF	2	X D,M
413	A0	R4051HE, S4051HE R5051HE, S5051HE R6051HE, S6051HE	Rp,Fm	ON	2	X H,A,R
414	A0	R7051HE S7051HE	Rp,Fm	FF	2	X H,A,R,
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
415	A0	R4052HE, S4052HE R5052HE, S5052HE R6052HE, S6052HE	Rp, Fm	ON	2	X X X H, A, R
416	A0	R7052HE S7052HE	Rp, Fm	FF	2	X X X H, A, R
417	A0	R4053HE, S4054HE R5053HE, R5053HE R6053HE, R6053HE	Rp, Fm	ON	2	X X X H, A, R
418	A0	R7053HE S7053HE	Rp, Fm	FF	2	X X X H, A, R
419	A0	R5054HE, S5054HE R4054HE, S4054HE R6054HE, S6054HE	Rp, Fm	ON	2	X X H, A, R
420	A0	R7054HE S7054HE	Rp, Fm	FF	2	X X H, A, R
421	Cover	1482-G104- G208	Rp, Fm	ON	2	X X X H, A, R
422	SurvivAir Div. USD Corp.	2104-00 2204-00 2304-00	Rp, Fm	ON	2	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
423	SurvivAir Div. USD Corp.	3204-00	Rp,Fm	ON	2	X X
424	A0	R4051E R5051E R6051E	Rp,Fm	ON	2	X
425	A0	R7051E	Rp,Fm	FF	2	X
426	A0	R4051EP R5051EP R6051EP	Rp,Fm	ON	2	X X DMA
427	A0	R7051EP	Rp,Fm	FF	2	X DMA
428	Devilbiss	MSL-500	Rp,Fm	ON	2	X DMA
429	SurvivAir Div. USD Corp.	3202-00	Rp,Fm	FF	2	X X X
430	SurvivAir Div. USD Corp.	2102-00 2202-00 2302-00	Rp,Fm	ON	2	X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection			
						OV	Cl	S02	HCl NH3 MA PLE PEST DFM
431	SurvivaAir Div. USD Corp.	2112-00 2212-00 2312-00	Rp,Fm	ON	2		X	X	X
432	SurvivaAir Div. USD Corp.	3212-00	Rp,Fm	FF	2		X	X	X
433	SurvivaAir Div. USD Corp.	2113-00 2213-00 2313-00	Rp,Fm	ON	2		X	X	X
434	SurvivaAir Div. USD Corp.	3213-00	Rp,Fm	ON	2		X	X	X
435	3M	7201	Rp,Fm	ON	2		X		
436	3M	7210	Rp,Fm	ON	2		X		X
437	3M	7207	Rp,Fm	ON	2		X		
438	3M	7212	Rp,Fm	ON	2		X		H
439	3M	7205	Rp,Fm	ON	2				X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection			
						OV	Cl	S02	HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
440	3M	7204	Rp,Fm	ON	2	X X
441	3M	7211	Rp,Fm	ON	2	X X D,M,A
442	3M	7215	Rp,Fm	ON	2	X X H
443	3M	7202	Rp,Fm	ON	2	X X X
444	3M	7208	Rp,Fm	ON	2	X X X D,M,A
445	3M	7213	Rp,Fm	ON	2	X X X H
446	3M	7203	Rp,Fm	ON	2	X X X X
447	3M	7209	Rp,Fm	ON	2	X X X X D,M,A
448	3M	7214	Rp,Fm	ON	2	X X X X H
449	Siebe-Norton	7912	Es	M	1	X X X D,M
450	SurvivAir Div. USD Corp.	2193-00 2293-00 2393-00	Rp,Fm	ON	2	X X X X H
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection.		
						OV	Cl	S02 HCl NH3 MA PLE PEST DFM
451	SurvivAir Div. USD Corp.	3293-00	Rp,Fm	FF	2	X	X	X H
452	SurvivAir Div. USD Corp.	2191-00 2291-00 2391-00	Rp,Fm	ON	2	X		H
453	SurvivAir Div.	3291-00	Rp,Fm	FF	2	X		H
454	SurvivAir Div. USD Corp.	3203-00	Rp,Fm	FF	2	X	X X X	X
455	SurvivAir Div USD Corp.	3221-00	Rp,Fm	FF	2	X		DMA X
456	SurvivAir Div. USD Corp.	3231-00	Rp,Fm	FF	2	X		DFMRA X
457	Cover	1482-G106- G208	Rp,Fm	ON	2		X X	H,R,A
458	Cover	1482-G100 G208	Rp,Fm	ON	2	X		H,R,A
459	Cover	1482-G102 G208	Rp,Fm	ON	2		X X X	H,R,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection		
						OV	Cl	S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
460	MSA	472748	Rp,Bm	ON	2	X D,M
461	MSA	472749	Rp,Bm	ON	2	X X X 30 ppm formaldehyde D,M
462	MSA	472750	Rp,Bm	ON	2	X X X X 30 ppm formaldehyde D,M
463	MSA	472751	Rp,Bm	ON	2	X X X 30 ppm formaldehyde D,M
464	MSA	472752	Rp,Bm	ON	2	X X D,M
465	MSA	472755	Rp,Bm	ON	2	X X H,A
466	MSA	472756	Rp,Bm	ON	2	X X X X 30 ppm formaldehyde H,A
467	MSA	472757	Rp,Bm	ON	2	X X X X 30 ppm formaldehyde DFMRA
468	MSA	472758	Rp,Bm	ON	2	X X X 30 ppm formaldehyde H,A
469	MSA	472759	Rp,Bm	ON	2	X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
470	MSA	472760	Rp,Bm	ON	2	X X X 30 ppm formaldehyde	H,A
471	MSA	472761	Rp,Bm	ON	2	X	H,A
472	MSA	472764	Rp,Bm	ON	2	X X X X 30 ppm formaldehyde	D,M
473	MSA	472736 472737 472738	Rp,Bm	ON	2	X	D,M
474	MSA	472739 472740 472741	Rp,Bm	ON	2	X	D,M
475	3M	7216	Rp,Fm	ON	2	30 ppm formaldehyde	
476	Racal	BE 1/A	PW	H/H	3	X	
477	Racal	BE 5/A	PW	H/H	3	X	
478	Racal	BE 6/A	PW	H/H	3	X	
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
479	Racal	BE 1/B	PW	H/H	3	X X X
480	Racal	BE 5/B	PW	H/H	3	X X
481	Racal	BE 6/B	PW	H/H	3	X X
482	Racal	BE 1/A-P3	PW	H/H	3	X H,R,A
483	Racal	BE 3/A-P3 BE 7/A-P3	PW	FF	3	X H,R,A
484	Racal	BE 5/A-P3	PW	HH	3	X H,R,A
485	Racal	BE 6/A-P3	PW	HH	3	X H,R,A
486	3M	8755	SU	ON	1	30 ppm formaldehyde D,M
487	Sellstrom	315-G102- G208	Rp,FM	ON	2	X X X H,R,A
488	AO	R4055A R4055A R5055A R6055A S6055A	Rp,FM	ON	2	X D,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
489	A0	R7055A S7055A	Rp,FM	FP	2	X D,M,A,
490	A0	R4091AP R5091AP S01AP R6091AP	Rp,FM	ON	2	X D,M,A
491	A0	R7091AP S7091AP	Rp,FM	FF	2	X D,M,A
492	Scott	70-AG	ES	MP	1	X X 100 ppm hydrogen sulfide
493	Pulmosan	10402	Rp,FM	FF	1	X
494	Pulmosan	10405	Rp,FM	FF	1	X
495	Pulmosan	10408	Rp,FM	FF	1	X
496	Pulmosan	10411	Rp,FM	FF	1	X X X
497	Pulmosan	10414	Rp, FM	FF	1	X X X X
498	Pulmosan	10417	Rp,FM	FF	1	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
499	Pulmosan	10420	Rp, FM	FF	1	X D,M
500	Pulmosan	10423	Rp, FM	FF	1	X X X D,M
501	Pulmosan	10426	Rp, FM	FF	1	X X X X D,M
502	Pulmosan	10429	Rp, FM	FF	1	X X X D,M
503	3M	7217	Rp, FM	ON	2	30 ppm formaldehyde D,M
504	Pirelli	4336, 2021	Rp, FM	ON	2	X
505	A0	R4060A S4060A R5060A S5060A R6060A S6060A	Rp, FM	ON	2	30 ppm formaldehyde
506	A0	R7060A S7060A	Rp, FM	FF	1	30 ppm formaldehyde
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM
507	A0	R4060AD S4060AD R5060AD S5060AD R5060AD S5060AD	Rp,FM	ON	2	30 ppm formaldehyde D,M
508	A0	R7060AD S7060AD	Rp,FM	FF	2	30 ppm formaldehyde D,M
509	MSA	469727	Rp,FM	ON	1	X
510	MSA	470200	Rp,FM	ON	1	X D,M
511	MSA	469728	Rp,FM	ON	1	X X 30 ppm formaldehyde D,M
512	MSA	469729	Rp,FM	ON	1	X X X X 30 ppm formaldehyde D,M
513	MSA	469730	Rp,FM	ON	1	X X X
514	MSA	471914	ES	MP	1	X X X D,M

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV C1 S02 HCl NH3 MA PLE PEST DFM
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CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
515	Pirelli	4336.2022	Rp,FM	ON	2	X X
516	Pirelli	4336.2023	Rp,FM	ON	2	X X X
517	Scott	64-AG-H 64E-AG-H 64M-AG-H 64ME-AG-H 64S-AG-H 64SE-AG-H	Rp,FM	ON	2	X X X 30 ppm formaldehyde H,R,A
518	Scott	65-AG-H 65S-AG-H	Rp,FM	FF	2	X X X 30 ppm formaldehyde H,R,A
519	Scott	64-AM-H 64E-AM-H 64M-AM-H 64ME-AM-H 64S-AM-H 64SE-AM-H	Rp,FM	ON	2	X X H,R,A
520	Scott	65-AM-H, 65S-AM-H	Rp,FM	FF	2	X X H,R,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
521	Scott	64-OA-H 64E-OA-H 64M-OA-H 64ME-OA-H 64S-OA-H 64SE-OA-H	Rp,FM	ON	2	X X X X 30 ppm formaldehyde H,R,A
522	Scott	65-OA-H 65S-OA-H	Rp,FM	FF	2	X X X X 30 ppm formaldehyde H,R,A
523	Scott	64-OV-H 64E-OV-H 64M-OV-H 64ME-OV-H 64S-OV-H 64SE-OV-H	Rp,FM	ON	2	X X X H,R,A
524	Scott	65-OV-H 65S-OV-H	Rp,FM	FF	2	X X X H,R,A
525	Scott	64-TEDA-H 64E-TEDA-H 64M-TEDA-H 64ME-TEDA-H 64S-TEDA-H 64SE-TEDA-H	Rp,FM	ON	2	X H,R,A
526	Scott	65-TEDA-H 65S-TEDA-H	Rp,FM	FF	2	X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
527	Pirelli	4333.2033	Rp,FM	FF	2	X X X X
528	Pirelli	4333.2022	Rp,FM	FF	2	X
529	Pirelli	4333.2021	Rp,FM	FF	2	X
530	U.S.D.	2141-00 2241-00 2341-00	Rp,FM	ON	2	X X DFMRA
531	U.S.D.	3241-00	Rp,FM	FF	2	X X DFMRA
532	U.S.D.	2143-00 2243-00 2343-00	Rp,FM	ON	2	X X X X DFMAR
533	U.S.D.	3243-00	Rp,FM	FF	2	X X X X DFMAR
534	Racal	BE3/BC BE7/BC	PW	FF	3	X X
535	Racal	BE3/AC BE7/AC	PW	FF	3	X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM
536	Safety Supply	F-200-AG F-160-AG F-800-AG	Rp,FM	ON	2	X X X X
537	Safety Supply	F-700-AG	Rp,FM	FF	2	X X X X
538	Safety Supply	F-160-OV F-200-OV F-800-OV	Rp,FM	ON	2	X
539	Safety Supply	F-700-OV	Rp,FM	FF	2	X
540	Safety Supply	F-160-OV-F-SP F-200-OV-F-SP F-800-OV-F-SP	Rp,FM	ON	2	X X X
541	Safety Supply	F-700-OV-F-SP	Rp,FM	FF	2	X X X
542	Safety Supply	F-200-OA F-160-OA F-800-OA	Rp,FM	ON	2	X X X X X
543	Safety Supply	F-700-OA	Rp,FM	FF	2	X X X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
544	Safety Supply	F-200-AM F-160-AM F-800-AM	Rp,FM	ON	2	X
545	Safety Supply	F-700-AM	Rp,FM	FF	2	X
546	Safety Supply	F-160-PT F-200-PT F-800-PT	Rp,FM	ON	2	X
547	Safety Supply	F-700-PT	Rp,FM	FF	2	X
548	Safety Supply	F-160-OV-F-P F-200-OV-F-P F-800-OV-F-P	Rp,FM	ON	2	X D,M
549	Safety Supply	F-700-OV-F-P	Rp,FM	FF	2	X D,M
550	Safety Supply	F-160-AG-F-P F-200-AG-F-P F-800-AG-F-P	Rp,FM	ON	2	X X X D,M
551	Safety Supply	F-700-AG-F-P	Rp,FM	FF	2	X X X D,M
552	Safety Supply	F-160-OA-F-P F-200-OA-F-P F-800-OA-F-P	Rp,FM	ON	2	X X X X D,M
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
553	Safety Supply	F-700-0A-F-P	Rp,FM	FF	2	X X X X D,M
554	Pulmosan	10438,10441 11060	Rp,FM	ON	2	X X D,M
555	Willson	1521,1521R 1521SS	Rp,FM	ON	2	X X
556	Willson	3521,3521R 3521SS	Rp,FM	ON	2	X X
557	Willson	1531,1531R 1531SS	Rp,FM	ON	2	X X
558	Willson	3531,3531R, 3531SS	Rp,FM	ON	2	X X
559	Willson	1524,1524R 1524SS	Rp,FM	ON	2	X X X X
560	Willson	3524,3524R 3524SS	Rp,FM	ON	2	X X X X
561	Willson	1534,1534R 1534SS	Rp,FM	ON	2	X X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection		
						OV	Cl	S02 HCl NH3 MA PLE PEST DFM
562	Willson	3534, 3534R 3534SS	Rp, FM	ON	2			X X
563	Willson	1525, 1525R 1525SS	Rp, FM	ON	2	X	X X	X
564	Willson	3525, 3525R 3525SS	Rp, FM	ON	2	X	X X	X
565	Willson	1535, 1535R 1535SS	Rp, FM	ON	2	X	X X	X
566	Willson	3535, 3535R 3535SS	Rp, FM	ON	2	X	X X	X
567	Willson	152110 152110R 152110SS	Rp, FM	ON	2	X		D, M, A
568	Willson	152110 152110OR 152110SS	Rp, FM	ON	2	X		D, M, A
569	Willson	152113 152113R 153113SS	Rp, FM	ON	2	X		D, F, M, A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection		
						OV	Cl	S02 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
570	Willson	352113, 352113R 352113SS	Rp,FM	ON	2	X D,F,M,A
571	Willson	152115 152115R 152115SS	Rp,FM	ON	2	X X D,M
572	Willson	352115 352115R 352115SS	Rp,FM	ON	2	X X D,M
573	Willson	152116 152116R 152116SS	Rp,FM	ON	2	X D,M
574	Willson	352116 352116R 352116SS	Rp,FM	ON	2	X D,M
575	Willson	152410 152410R 152410SS	Rp,FM	ON	2	X X D,M,A
576	Willson	352410 352410R 352410SS	Rp,FM	ON	2	X X D,M,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl 502 HCl NH3 MA PLE PEST DFM
577	Willson	152510 152510R 152510SS	Rp,FM	ON	2	X X X X X D,M,A,
578	Willson	352510 352510R 352510SS	Rp,FM	ON	2	X X X X X D,M,A
579	Willson	153112 153112R 153112SS	Rp,FM	ON	2	X H,A
580	Willson	353112 353112R 353112SS	Rp,FM	ON	2	X H,A
581	Willson	153412 153412R 153412SS	Rp,FM	ON	2	X X X H,A
582	Willson	353412 353412R 353412SS	Rp,FM	ON	2	X X H,A
583	Willson	153512 153512R 153512SS	Rp,FM	ON	2	X X X X X H,A
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl 502 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
584	Willison	353512 353512R 353512SS	Rp,FM	ON	2	X X X X H,A
585	A0	R4058A S4058A R5058A S5058A R6058A S6058A	Rp,FM	ON	2	X D,F,M
586	A0	R7058A S7058A	Rp,FM	ON	2	X D,F,M
587	A0	R4563A S4563A R5563A S5563A R6563A S6563A	Rp,FM	ON	2	X X X X D,F,M
588	A0	R7563A S7663A	Rp,FM	FF	2	X X X X D,F,M
589	Racal	BE 1/K	PW	HH	3	X X
590	Racal	BE 3/KC BE 7/KC	PW	FF	3	X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
591	Racal	BE 5/K	PW	HH	3	X X
592	Racal	BE 6/K	PW	HH	3	X X
593	Racal	BE 1/K	PW	HH	3	X X X
594	Racal	BE 3/EC BE 7/EC	PW	FF	3	X X X
595	Racal	BE 5/E	PW	HH	3	X X X
596	Racal	BE 6/E	PW	HH	3	X X X
597	Racal	BE 1/EP3	PW	HH	3	X X X H,R,A
598	Racal	BE 3/EP3 BE 7/EP3	PW	FF	3	X X X H,R,A
599	Racal	BE 5/EP3	PW	HH	3	X X X H,R,A
600	Racal	BE6/EP3	PW	HH	1	X X X H,R,A
601	A0	R9722A	ES	MP	1	X X X
Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM

CHEMICAL CARTRIDGE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
602	Racal	BE17/AP3	PW	HH	3	X H,R,A

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face- piece type	No. of cartridges	Type of respiratory protection OV Cl SO2 HCl NH3 MA PLE PEST DFM
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VINYL CHLORIDE RESPIRATORS (11)

VINYL CHLORIDE RESPIRATORS APPROVED BY MSHA/NIOSH

Approval number TC-11-	Approval issued to	Model number(s)	Respirator type	Face- piece type
1	Scott	601460-01 601460-03 601460-11 601460-13	Bm	ON

COMPONENT PARTS LIST

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
27	BioMarine	45-600 45-100	45100, rebreather assembly. 45600 or 45600-A, facepiece and breathing tube assembly. 45200, sorbent canister. (Below 32° F add 45601 cold weather adapter to the above).
28	Robertshaw	900-002-268* 900-002-268-11 900-002-268-12 Model 5000	900-002-269-01 or 900-002-269-11, storage case. 904-003-206-01, or 904-003-206-02, compressed-air container. 595-900-084-01, facemask and exhalation valve system.
28A	Lear Siegler	5500	205301, case and harness assembly. 202356, compressed-air container. 202375, face mask and exhalation valve system.
29	MSA	457152 470442 457153 470443 457154 470446 96363 470447 95066 466208 463827 95071 463830 466210 463832 463828	7-203-1, 7-203-2, 7-203-3, 7-223-1, 96680 or 95940 facepiece. 449267, breathing tube assembly. 94007 or 96337 or 460320, 473853, 473579, or 469619 cylinder and valve assembly. 93184, harness. 449911, regulator assembly. (Below 32° F add 96671, 471539, 471540, 471541 or 89863 nosecup assembly to above).
30	MSA	95069 470444 470449 470445 96338 470448 461704 466209 463831 463833 461696 461946 461947 463814 463815	7-212-1, 7-212-2, 7-212-3 96056, 96057, 89107, or 461614, facepiece. 449267, breathing tube assembly. 94007, 96337 or 473853, 473579, 460320, or 469619 cylinder and valve assembly. 93184, harness. 449910, regulator assembly. (Below 32° F add 455668 nosecup assembly to above).

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
32	Siebe Gorman	013831.04 013831.05 013831.07	032275.00, facepiece assembly. 059994.10, harness assembly. 014697.02 evaporator 059994.11, evaporator, sorbent canister and breathing bag assembly. 0141689.01 breathing bag 032282.01, timer assembly. 029697.01, sorbent, (PROTOSORB)
33	U.S.D. Corp.	9081-14 9881-14	9404-06 or 9424-06, facepiece and regulator assembly. 9661-27, regulator assembly. 9155-22, cylinder assembly. 9304-41 through 50, 9304-70 through 73, or 9304-85, airline hose.
34	U.S.D. Corp.	9081-12 9881-12	9404-05 or 9424-05, facepiece and regulator assembly. 9661-20, regulator assembly. 9155-22, cylinder assembly. 9304-11 through 20, 9304-68 or 9304-80 through 83, airline hose.
35	U.S.D. Corp.	9065-03 9865-03*	9421-49 or 9423-49, facepiece and regulator assembly. 9168-01, cylinder assembly. 9456-00, canvas sack. (Below 32° F add 9411-30, noseclip kit).
36	U.S.D. Corp.	9069-02 9869-02 9069-11 9869-11	9421-49 or 9423-49, facepiece and regulator assembly. 9155-32, cylinder assembly. 9375-60, case assembly.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
38	Drager	BG-174A/3 BG-174A/3h	M174A/3, mask and hoses. R28 072, Panorama Nova Mask ZS w/wiper lens. R27 141, Panorama Nova mask ZT w/communication system. R50395, Panorama Nova mask ZST w/wiper lens and communication system. B174A/3, harness and frame assembly. 28072 mask Panorama Nova ZS with R50200 eyepiece and wiper or 50395 Panorama Nova mask with R50200 eyepiece and wiper. D01-E80593000 or C174A/3, cylinder and valve, 6725561 cartridge. 9X18-28 C02, canister.
39	Scott	900000-00 900000-01 900000-05 900000-30 900000-31 900000-39 900000-50 900000-51 900000-60 900000-61	800020-04, harness and back-plate assembly. 800010-00 or 800010-02 or 800010-10 or 800010-12 or 803162-01 cylinder and valve assembly. 800013-04, regulator assembly. 800029-00, hose and coupling assembly. 801450-07 or 17042-01, facepiece and tube assembly (below 32° F add 801432-00 or 22300-01 nosecup to above).
40	Scott	900014-00, 900014-01 900014-05, 900014-06 900014-12, 900014-30 900014-31, 900014-39 900014-50, 900014-51 900214-00, 900214-01 900214-05, 900214-06 900214-50, 900214-51	800020-04, harness and back-plate assembly. 800010-00 or 800020-02 or 800010-10 or 800010-12 or 803162-01 cylinder and valve assembly. 800212-04 or 800212-06, regulator assembly. 800029-00, hose and coupling assembly. 801500-07 or 40577-01, facepiece and tube assembly (below 32° F add 801432-00 or 22300-01 nosecup assembly to the above).
41	Scott	900002-00 900002-01 900002-05	800110-02, harness assembly. 800010-01, cylinder and valve assembly. 800013-04, regulator assembly. 800029-01, hose coupling assembly. 801450-07 or 17042-01, facepiece and tube assembly (Below 32° F add 801432-00 or 22300-01 nosecup assembly to the above).

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
42	Scott	900015-00 900015-01 900015-05 900015-06	800110-02, harness assembly. 800010-01, cylinder and valve assembly. 800212-04 or 800212-06, regulator assembly. 800029-01, hose and coupling assembly. 801500-07 or 40577-01, facepiece and tube assembly (Below 32° F add 801432-00 or 22300-01 noseclip assembly to above).
43	Globe	2540-W 2540-B- 2550-W 2550-B-*	2221-3, facepiece breathing tube, and quick connect assembly. 2489-2, high-pressure hose, regula- tor, and demand-valve assembly. (2489-9 for models 2540-B and 2550-B). 1058-18, cylinder and valve assembly. 2644-1, back-pack and harness assembly (Below 32°F add 2254 noseclip to above). 2221-3, facepiece breathing tube, and quick connect assembly. 2489-6, hose, regulator, demand valve, and auxiliary quick connect fitting assembly. (2489-10 for models 2526-B and 2552-B) 1058-18, cylinder and valve assembly. 2644-1, back pack and harness assembly (Below 32°F add 2254 noseclip to above).
44	U.S.D. Corp.	9038-00 - 9038-02 - 9838-00 9838-02 9838-60 - 9838-62 - 9038-60 - 9038-62 -	9411-12 or 9413-20, facepiece. 9607-11, 9607-11, 9607-21, or 9607-31 alarm, 9118-00 or 9123-00, regulator. 9602-47, low pressure warning. 9163-03 or 9151-45, cylinder and valve assembly, 9457-62, 9607-31 alarm, 9457-00, back pack assembly. (Below 32° F add 9038-90 low-temperature kit to above).

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
45	U.S.D. Corp.	9038-20*, 9848-20* 9038-22*, 9848-22* 9849-20*, 9838-20* 9839-22 9838-22* 9038-70*, U9038-00* 9038-72*, U9838-00* 9838-70*, U9838-02* 9838-72* 9838-20 9849-22*, M9838-20*	9411-60 or 9413-60, facepiece. 9607-11, 9607-21, or 9607-31 alarm, 911800 or 9123-01, regulator. 9602-47, low pressure warning. 9151-45, cylinder and valve assembly. 9457-62, 9457-63 or 9457-00, back pack assembly. (Below 32°F add 9038-90 low-temperature kit to above).
46	MSA	457150 95061 457151 95068	96680, 96678, 463705, 7-203-1, 7-203-2, 7-203-37-222-1, 464557 or 95940, facepiece, 96065, breathing tube assembly. 456104, cylinder and valve assembly. 456066, support assembly. 460255, regulator assembly. (Below 32° F add 96671 or 89863, nosecup assembly to above).
47	MSA	95063, 460262 461697 461703	96057, 89107, 7-239-1 or 7-212-1, 7-212-2, 7-212-3 or 461414 facepiece, 96065, breathing tube assembly. 456104, cylinder and valve assembly. 456066, support assembly. 460256, regulator assembly. (Below 32°F add 455668, nosecup to the 96057 facepiece or the 96671 nosecup to the 461614 facepiece).
48	Scott	900006-00, 900006-02 900006-08, 900006-10 900006-11, 900006-20 900006-21, 900006-22 900006-23, 900006-24 900006-25	801450-07, facepiece assembly and breathing tube assembly. 802157-00, hose and coupling assembly. 800013-05, regulator assembly. 22034-01 or 22034-02 or 22034-03, harness and cylinder assembly. 22025-01, coupling hose assembly. 15319-00 or 6141-00, air-supply hose. (Below 32° F add 801432-00 nosecup assembly to the above).

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
49	Scott	900007-00, 900007-02 900007-08, 900007-10 900007-11, 900007-20 900007-21, 900007-22 900007-23, 900007-24 900007-25	801500-07, facepiece and breathing tube assembly. 802157-00, hose and coupling assembly. 800212-05, regulator assembly. 22034-01 or 22034-02 or 22034-03, harness and cylinder assembly. 22025-01, coupling hose assembly. 15319-00 or 6141-00, air-supply hose. (Below 32° F add 801432-00, nosecup assembly to the above).
52	MSA	457156 456040	7-203-1, 7-203-2, 7-203-3, 96680, 96679, 463705, or 464557, facepiece. 96065, breathing tube assembly. 455943, cylinder and valve assembly. 456041, regulator. 460744, carrier assembly. (Below 32° F add 96671, nosecup to above).
53	U.S.D. Corp.	9081-13 9881-13 (Foster Couplings)	9425-23 or 9405-23, facepiece and regulator assembly. 9156-36, cylinder assembly. 9304-11 through 20, 9304-68, 9304-80 through 83, air-line hose. (Below 32° F add 9413-30 or 9411-30, nosecup assembly to the above).
54	U.S.D. Corp.	9081-15 9881-15 (Schrader Coupling)	9425-24 or 9405-24, facepiece and 9155-35, cylinder assembly. 9304-41 through 50, 9304-70 through 73, 9304-85, air-line hose. (Below 32° F add 9413-30 or 9411-30, nosecup assembly to the above).

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
55	MSA	76753	76760, breathing tube and mouthpiece assembly. 77140, cylinder and regulator assembly. 460743, carrier assembly.
56	MSA	96395 455994 455938 455993	455862 or 455995, facepiece. 460623, breathing tube assembly. 460673, regulator-connector and pressure switch assembly. 455847, harness. 455021 and/or 455022, 471512, 471513, 474043, air-supply hose. 454081, cylinder and valve assembly.
56A	MSA	304213 304194	304187, facepiece and breathing tube assembly. 454081, cylinder and valve assembly. 304182, regulator assembly. 304191, pressure switch assembly. 304199, carrier and harness assembly. 455021 and/or 455022, air-supply hose.
57	Drager	BG-174A/4 BGO-174A/4h	M174A, mask and hoses. R28 072, Panorama Nova Mask ZS w/wiper lens or R27 141, Panorama Nova mask ZI w/communication system or R50395, Panorama Nova mask ZSI w/wiper lens or 28077 Panorama Nova ZS with R50200 eyepiece and wiper or 50395 Panorama Nova AZ with R50200 eyepiece and wiper. and communication system. B174A, harness and frame assembly. C174A/4, cylinder and valve, 6725561 cartridge, 9X18-28C02, canister.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
58	Siebe Gorman	014422.10	014080.21, facepiece assembly. 032298.00, regulator and breathing tube assembly. 059976.03, harness and back plate assembly. 041382.01 or 041382.02, cylinder and valve assembly.
59	Siebe Gorman	014422.11	014080.22, facepiece assembly. 041388.00, regulator and breathing tube assembly. 059976.03, harness and back plate assembly. 041382.01 or 041382.02, cylinder and valve assembly.
60	Scott	900050-00, 900050-01 900050-02, 900050-03 900050-04, 900050-05	801450-10, mask assembly with 801709-00 breathing tube assembly or 36786-01 or 36786-03, mask assembly with 802761-01 breathing tube and strap assembly. 801685-00, manifold assembly. 801713-00, cylinder and valve assembly. 66220-00, canister assembly. 801738-00, housing cover assembly. 900050-10, housing assembly.
61	MSA	456989	7-476-1, 7-476-2, 7-476-3, 94331, facepiece. 461998, regulator. 455660, cylinder and valve assembly. 460616, carrier assembly. 460614, regulator and hose assembly.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
62	MSA	458178 458479	7-203-1, 7-203-2, 7-203-3, 96680, 96679, 463705, or 464557, facepiece. 461998, regulator. 455660, cylinder and valve assembly. 460615, carrier assembly. 460613, regulator-connector assembly. 455021 and/or 455022, supply hose assemblies. (Between 32°F and -25°F add 96671, 471539, 471540, 471541, 89863 nosecup to the above).
63	Robertshaw	900-002-267-01* 900-002-267-11*	595-900-073-01, full facepiece or 595-900-074-01, half facepiece. 535-900-075, hose and quick-disconnect assembly. 900-002-231, regulator assembly. 535-900-068, 535-900-097 or 535-900-069, air-supply hose. 904-003-197-01, container assembly.
64	Robertshaw	900-002-266-01 900-002-266-02 900-002-266-03 900-002-266-04 900-002-266-11 900-002-266-12 900-002-266-13 900-002-266-14	595-900-068-05, full facepiece assembly or 595-900-065-05, half facepiece assembly. 904-003-190-01, -02, -03, -04, air reservoir and harness assembly, with 535-900-069, or 539-900-097 to a air supply hose maximum length of 250 feet.
65	Robertshaw	900-002-267-21* 900-002-267-31*	595-900-073-01, full facepiece or 595-900-074-01, half-facepiece. 904-003-197-11, container assembly with line gage. 900-002-231, regulator.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
66	Scott	900055-01 900055-02 900055-03 900055-04 900055-21 900055-30 900055-31 900055-54 900055-55 900055-36 900055-40 900055-41	802167-20, 801450-40, 802167-01 8139-06, facepiece assy. 802281-01 or 802281-02, half facepiece together with 641502 exhalation valve assembly. 802173-00, 802879-01, regulator assembly. 26037-01, hose assembly. 800298-01, regulator and coupling assembly. 801935-03, cylinder and valve assembly. 802200-01, 800300-01, 802240-41, harness assembly. (Below 32°F add 801432-00, noseclip assy to 801450-40) Add 802819-01 noseclip or 60158-00 lens prep to 802167-01
67	Scott	900055-05 900055-06 900055-09 900055-17 900055-18 900055-32 900055-33 900055-10 900055-58 900055-59 900055-50 900055-51	802167-20, 801450-40, 802167-01, 8139-06, facepiece assembly. 802281-01 or 802281-02, half facepiece together with 641502 exhalation valve assembly 802173-00, regulator assembly. 26037-01, hose assembly. 800298-02, 800298-03, 802879-01, regulator and coupling assy 801935-03, cylinder and valve assembly. 802200-01, 802240-01, harness assembly. 30010 series, 30020 series, 26037-01, supply hose assemblies. (Below 32°F add 801432-00, noseclip to 801450-40). Add 802819-01 noseclip or 60158-00 lens prep to 802167-01
68	Scott	900055-13 900055-14 900055-24 900055-25 900055-22 900055-23 900055-60 900055-61 900055-52 900055-53	802167-20, 801450-05, 802167-01, facepiece assy with 802235-01 exhalation valve assembly. 802281-01 or 802281-02, half facepiece with 802275-01 exhalation valve assembly. 802236-01, 802880-01, regulator assembly. 26037-01, hose assembly. 800298-02 or 800298-03, regulator and coupling assembly. 801935-03, cylinder and valve assembly. 802200-01, 802240-01, harness assembly. 30010 series or 30020 series, hose assemblies. (Below 32°F add 801432-00 noseclip to 801450-05). Add 802819-01 noseclip or 60158-00 lens prep to 802167-01

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
69	MSA	457159 456039	7-203-1, 7-203-2, 7-203-3, 7-223-1, 96680, 96679, 463705, or 464557, facepiece. 96065, breathing tube assembly. 455943, cylinder and valve assembly. 460707, regulator and hose assembly. 460710, harness and back-plate assembly. 471512, 471513, 47404, 455021 and/or 455022, air-supply hose. (Below 32°F add 96671, 471541, 471539, 471540 nosecup to above). 472617 extension hose (accessory)
70	MSA	460713 461698 466556	7-212-1, 7-212-2, 7-212-3, 96057, 89107, or 461614, facepiece. 96065, breathing tube assembly. 455943, cylinder and valve assembly. 460706, regulator hose assembly. 460710, harness and back-plate assembly. 471512, 471513, 474043, 455021 and/or 455022, air-supply hose. (Below 32°F add 96671, 455668, 471539, 471540, 471541 or 89863 nosecup to above). 472617 extension hose (accessory)
71	Globe	2508	2217-2, facepiece and demand valve assembly with bypass. 1149-9, pressure regulator. 1058-24, cylinder, valve, and gage assembly. 1786-2, holster. (Below 32°F add 2254 nosecup assembly to above).

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
72	Globe	2509	2217-1, facepiece and demand valve assembly. 1783-10, manifold assembly. 1149-9, pressure regulator. 1058-24, cylinder, valve, and gage assembly. 1786-2, holster. 1783-10, manifold assembly with 1840-25 and/or 1840-50 and/or 1840-100, air-supply hose or 1783-6, manifold assembly with 1850-25, 1850-50, 1850-100, air-supply hose.
73	Scott	900450-00 900450-01 900450-30 900450-31 900400-00 900400-01 900400-02 900400-04 900400-30 900400-31 900400-32 900400-34	802181-01, or 802181-02 back-pak assembly. 802167-20 or 802167-01, mask facepiece assembly. 802240-01, harness assembly. 803423-01, 802239-01, cylinder and valve assembly. 802220-01, -02, or -03 pressure reducer. 802202-01 or -02, demand regulator. 27537-01, -02 accessory hose assembly for use with 30010 series or 30020 series accessory hose assembly 802256-01, gage assembly 802228-01, high pressure hose and coupling assembly. (Below 32°F add 60158-00 Lens Preparation or 802819-01 nosecup assembly to above).

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
74	Globe	2505 2505-4	2217-1, facepiece and demand valve assembly. 1149-8, pressure regulator. 1058-24, cylinder, valve and gage assembly. 1552, bag. 1783-4, manifold assembly with 1840-25, 1840-50, and/or 1840-100 air supply hose; or 1783-11 manifold assembly with 1850-25, 1850-50, or 1850-100 air air supply hose. (Below 32°F add 2254 nosecup assembly to the above).
75	Globe	2503	2217-2, facepiece and demand valve assembly with bypass. 1149-8, pressure regulator. 1058-24, cylinder, valve, and gage assembly. 1552, bag. (Below 32°F add 2254 nosecup assembly to the above).
76	Scott	900455-00 900455-01 900405-01 900405-02 900405-04 900405-10 900405-12 900405-11 900405-14 900405-20* 900405-21* 900405-22* 900405-24* 900405-30 900405-31 900405-32 900405-34 900405-44 900405-41	802181-01, or 802181-02 back pack assembly. 802167-20 or 802167-01, mask facepiece assembly. 802240-01, harness assembly. 803423-01, 802239-01, cylinder and valve assembly. 802220-01, -02, or -03 pressure reducer. 802260-01 or 802260-02 or 802260-03 or 802260-04 pressure demand regulator. 27537-01 or 27537-02 accessory hose assembly for use with 30010 series or 30020 series accessory hose assembly 802228-01, high pressure hose and coupling assembly. (Below 32°F add 60158-00 lens preparation or 802819-01 nosecup assembly to above). 802256-01, gage assembly.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
77	MSA	304330	10 min. assembly: 304330 (TC-13F-77) apparatus. 10 min. and 1 hr. assembly: 304330 (TC-13F-77) apparatus. 304303 (TC-13F-77), canister.
78	MSA	464213	464213, assembly.
79	Scott	900220-00 900220-01 900220-02 900220-03 900220-30 900220-31 900220-32 900220-33	802181-02, backpack assembly. 802167 or 802167-01, mask facepiece assembly. 802240-01, harness assembly. 803162-01 or 800010-14, cylinder and valve assembly. 802276-01 or -03, pressure reducer 802202-02, regulator assembly. 802228-02, high pressure hose and coupling assembly. 802256-02, gage assembly. 60158-00 lens prep II or 802819-01 nosecup assembly 27537-01 or -02 accessory hose assembly for use with 30010 series or 30020 series accessory hose assembly
80	Scott	900225-00, 900225-01 900225-02, 900225-03 900225-10, 900225-11 900225-12, 900225-13 900225-20, 900225-21 900225-22, 900225-23 900225-30, 900225-31 900225-32, 900225-33 900225-40, 900225-41 900225-42, 900225-43 900225-50, 900225-51 900225-52, 900225-53	802181-02, backpack assembly. 802167-01 or 802167-20 mask facepiece assembly. 802240-01, harness assembly. 803162-01 or 800010-14, cylinder and valve assembly. 802276-01 or 802276-03, pressure reducer 802260-02 or 802260-03 or 802260-04 regulator assembly. 802228-02, high pressure hose and coupling assembly. 802256-02, gage assembly. (Below 32°F add 60158-00 lens preparation or 802819-01 nosecup assembly to above.) 27537-01 or 27537-02 accessory hose assembly for use with 30010 series or 30020 series accessory hose assembly
82	U.S.D. Corp.	9045-20* 9845-27 9045-22* 9845-28 9845-20 9845-22	9411-66 or 9413-66, facepiece and hose assembly. 9125-01, regulator. 9606-00, alarm. 9161-00, cylinder assembly. 9460-00, harness assembly. 9378-00, carrying case.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
83	MSA	465251	94331, facepiece assembly, 7-476-1, 7-476-2, 7-476-3 456651, breathing tube. 460743, carrier assembly. 465238, cylinder and regulator assembly.
84	BioMarine	BioPak 30	300-603, rebreather assembly. 300-578, mask assembly. 201-226, soda sorb bag. 300-577, scrubber assembly. 300-579, scrubber lid assembly. 300-585, oxygen cylinder assembly. 201-228, antifog agent. (Below 15 ° F substitute 300-617, scrubber assembly; 400-301, scrubber lid assembly; and 201-227, soda sorb bag).
85	BioMarine	BioPak 60	300-643, rebreather assembly. 300-578, mask assembly. 201-227, soda sorb bag. 300-617, scrubber assembly. 400-301, scrubber lid assembly. 300-619, oxygen cylinder assembly. 201-228, antifog agent.
86	U.S.D. Corp.	0028-00 0028-03	002826, hood assembly. 002878, case assembly. 002851, regulator assembly. 002848, manifold assembly. 002860, cylinders.
87	Drager	OXY-SR60B (B31230) OXY-SR60A	R31230, self rescuer.
88	Scott	802300-02	802300-02, emergency escape breathing device.

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Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
89	MSA	465182, 470450	469619 cylinder and valve assembly
		465183, 470451	7-203-1, 7-203-2, 7-203-3, 96680 or 95940, facepiece assembly.
		465185, 470454	465178, regulator-audilarm assembly.
		465186, 470455	469619, 94007 or 460320, 473853; 473579 cylinder and valve assembly.
		465199	449267, breathing tube assembly.
		465200	95184, carrier and harness assembly.
		465202	471512, 471513, 474043, 455021 and/or 455022, air-line hose assemblies.
		465203	463203, case assembly.
			475702 regulator kit
			472617, extension hose (accessory)
90	MSA		At temperatures between 32° F and -25° F add 96671 or 89863 nose cup assembly to above.
		465188, 470452	469619 cylinder and valve assembly
		465189, 470453	7-212-1, 7-212-2, 7-212-3, 461614 or 96057, facepiece assembly
		465191, 470456	465179, regulator-audilarm assembly.
		465192, 470457	469619, 94007 or 460320, 473853, 473576, cylinder and valve assembly.
		465205	449267, breathing tube assembly.
		465206	95184, carrier and harness assembly.
		465208	471512, 471513, 474043, 455021 and/or 455022, air-line hose assemblies.
		465209	463203, case assembly.
			472617, extension hose (accessory)
			At temperatures between 32° F and -25° F add 96671 or 455668 nose cup assembly to above.

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Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
91	MSA	465184 465187 465201 465204	7-203-1, 7-203-2, 7-203-3, 96680 or 95940, facepiece assembly. 465178, regulator-audialarm assembly. 456104, cylinder and valve assembly. 449267, breathing tube assembly. 95184, carrier and harness assembly. 471512, 471513, 474043, 455021 and/or 455022, air supply hose assemblies. 465194, case assembly. 472617, extension hose (accessory) At temperatures between 32° F and -25° F add 96671 or 89863 nose cup assembly to above.
92	MSA	465190 465193 465207 465210	7-212-1, 7-212-2, 7-212-3, 461614 or 96057, facepiece assembly 465179, regulator-audialarm assembly. 456104, cylinder and valve assembly. 449267, breathing tube assembly. 95184, carrier and harness assembly. 471512, 471513, 474043, 455021 and/or 455022, air supply hose assemblies. 465194, case assembly. 472617, extension hose (assembly) At temperatures between 32° F and -25° F add 96691 or 455668 nose cup assembly to above.
93	MSA	464775 464777 472676 472684 472677 472685	464772 Regulator alarm 7-212-2, 7-212-3, 7-212-1 (461614) facepiece 94007 Cylinder and Valve, 473853, 473579 449267 Breathing Tube 95184 Carrier & Harness 96671 Nosecup 455021, 455022, 467040, 467041, 471512, 471513, 474043 Airline Hose 463203 Case

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
94	MSA	464776, 464778	7-212-1, 7-212-2, 7-212-3 (461614) Facepiece 464773 Regulator Alarm 456104 Cylinder and Valve 96065 Breathing Tube 96671 Nosecup 471512, 471513, 474043, 455021, 455022, 467040, Airline Hose 466020 Case
95	Scott	900460-00 900460-01 900460-30 900460-31	802181-01 or 802181-02 Back Pac Assy 802167-20 or 802167-01 Mask Assy 802827-01 Cylinder and Valve Assy 802220-02 or -03 Pressure Reducer Assy 802202-02 Regulator Assy 802228-01 Hose & Coupling Assy 27537-01 or -02 accessory hose assembly for use with 30010 series or 30020 series accessory hose assembly 802256-01 Gauge Assy 802240-01 Harness Assy (Below 320F add 60158-00 Anti Fog Prep or 802819-01 nosecup assembly to above)
96	Scott	900465-00 900465-01 900465-10 900465-11 900465-20 900465-21 900465-30 900465-31 900465-40 900465-41 900465-50 900465-51	802167-20 or 802167-01 Mask Assy 802181-01 or 802181-02 Back Pac Assy 802260-02 or 802260-03 or 802260-04 Regulator Assy for use with 30010 series or 30020 series accessory hose assy. 27537-01 or -02 accessory hose assembly 802220-02 or 802220-03 Pressure Reducer 802228-01 Hose & Coupling 802256-01 Gauge Assy 802827-01 Cylinder Valve 802240-01 Harness Assy (Below 320 F add 60158-00 Anti Fog Prep or 802819-01 nosecup assembly to above)

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
97	Portable Air Supply	700	Model 700 "E" ESCBA MS200000 storage case 7090 carrying case
99	Siebe Gorman	014422.16	014080.25 facepiece assy 032821.01 demand valve & breathing tube assy 014731.01 harness & backplate assy 04 1712.01 cylinder & valve assy
100	Drager	PA80/R40280	R40290 Harness & Pressure Reducer R50092 Mask Assy or R51350 silicone mask R50821 PD Regulator Assy, 4059306 welding shield and 4059303 "Y" adapter (accessories) R50810, 4050189, Cylinder & Valve Assy,
100	National Drager	PA80/CR40280 4050225 "C" R40280	R40290 Harness & Pressure Reducer R50092 Mask Assy R50821 PD Regulator Assy 4050189 or R50810 Cylinder & Valve Assy
101	CSE	AU-9A1	Q150000 Case Bottom Q150001 Cover Q150002 Cylinder Assy Q150003 Demand Valve Q150004 Reducing Valve Q150005 Canister Assy Q150006 Relief Valve Q150007 Breathing Tube Q150008 Breathing Bag Q150009 Neck Strap Q150012 Goggles
102	ISI	707.114.00	071.101.08 Facemask-Positive Pressure 707.113.00 Harness Assembly 060.107.00 Pneumatic assembly 024.037.00 or 024.035.00 cylinder and valve assembly (Below 320F add 071.122.00 nosecup assembly)

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
103	Drager	PA-80-221 (R 40645)	(PA-80) R40644 Basic Apparatus R50821 Pressure-Demand Regulator R50092 Positive Pressure Full-Face Mask or R51350 silica mask PA-80 P-2 cylinder and valve assembly 4059303 'y' adaptor and 4059306 welding shield (accessories)
104	Ocenco	EBA 6.5 14000	D14000 Self-Rescuer
105	U.S.D. Corp.	9846-20 9846-22	941877 facepiece 912501 regulator assembly 960712, 960722, or 960732 low pressure warning device 915164 cylinder and valve assembly 945350 back pack assembly 9125-42 back pressure eliminator (Below 320F add 941330 noseclip kit to above)
106	Bendix (Clifton Precision)	7010000-1 7010000-2 7010300-1 7010300-2 7010300-3 7010300-4	3525393-1 Facemask 3529997-1 control module regulator and hose assembly 3529909-1 or 3519909-2 cylinder assembly 7010046-1 cylinder carrier assembly
107	Globe	2840-W 2826 WSM 2826-W 2840 WSM 2850-W 2850 WSM 2940-W 2852 WSM 2926-W 2926 WSM 2950-W 2940 WSM 2952-W 2950 WSM 2852-W 2952 WSM C2840W U2840W C2826W U2826W C2850W U2850W C2852W U2852W	2221-5 facemask, 2218-2 facemask, 2867-2 facemask assy. and exhalation valve, 2221-6 facemask with breathing tube, 3011 Decal Facemask 1058-35, 1058-34, and 1058-18 cylinder and valve assembly 2644-2 Back pack assembly 2856-2 Regulator 2517 Rescuer adapter 1057-33 carrying case (below 320F add 2254 noseclip)

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
108	U.S.D. Corp.	9840-00 9841-03* 9840-01 9841-20* 9840-02 9841-21* 9840-03 9841-22* 9840-20 9841-23* 9840-21 9841-02* 9840-22 9840-23 9841-00* 9841-01* 9840-04 9840-05	9100-01 reducer assembly 9106-00 regulator assembly 9417-00 or 9841-19 facemask and hose assembly 9450-20 back pack assembly 910050 remote gauge assembly or 9100-62 remote gauge assembly 9161-00 cylinder and valve assembly 98007 noseup kit 980012 or 980013 combination airline kit
109	PASS	720	7235 enclosure 700020000 scrubber 700010300 manifold assembly oxygen flow setting 7235
110	Drager	PA-80/4052013	R50092 Panorama Nova or 51350 mask, 4059303 'y' adapter and 4059306 welding shield (accessories) R50821 Lung Demand Reg. 4052025 basic apparatus 4052015 cylinder and valve assembly 4052015 cylinder and valve assembly
110	National Drager C4052013		R50092 Panorama Nova mask or R51350 silicone mask R50821 Lung Demand Reg. 4052025 basic apparatus 4052015 cylinder and valve assembly 4059303 'y' adapter and 4059305 welding shield (accessory)
111	International Safety Instru.	ESLA 070.117.00	024.038.00 cylinder 038.052.00 bag assembly 039.084.00 hose assembly 061.087.00 reducer assembly 071.106.00 hood assembly 092.016.00 "0" ring

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Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description	
112	Scott	900480-01	802894-02	breathing tube with mask
			803133-01	regulator assembly
			26037-01	hose assembly
			800298-01	regulator and coupling assembly
			803137-01	cylinder and harness assembly
			605020	series supply hose assembly
113	U.S.D. Corp.		801432	nosecup assembly
			9417-00 or 9841-19	face mask and hose assembly
			9106-00	regulator assembly
			9100-00	reducer assembly
			9100-50 or 9100-62	remote gage assembly
			9151-64 or 9161-08	cylinder and valve assembly
			980007	nosecup kit
			980012 or 980013	combination airline kit
			9871-00*, 9871-01*	
			9871-02*, 9871-03*	
			9871-10*, 9871-11*	
			9871-12*, 9871-13*	
			9871-20*, 9871-21*	
			9871-22*, 9871-23*	
			9871-30*, 9871-31*	
			9871-32*, 9871-33*	
			9870-00, 9870-01	
			9870-02, 9870-03	
			9870-10, 9870-11	
			9870-12, 9870-13	
			9870-20*, 9870-21*	
			9870-22*, 9870-23*	
			9870-30*, 9870-31*	
			9870-32*, 9870-33*	
114	Scott		900210-00	
			900210-01	
			900210-30	
			900210-31	
			802167-20 or 802181	back pack assembly
			802167-01	mask facepiece assembly
			802240-01	harness assembly
			800010-15	cylinder and valve assembly
			8002276-01 or -03	pressure reducer
			802202-02	regulator
			802228-02	high pressure hose and coupling assembly
			802256-02	gage assembly
			60158-00	lens prep II or 802819-01 noseclip assembly
			27537-01 or -02	accessory hose assembly for use with
			30010 series or 30020 series	accessory hose assembly

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
115	Scott	900215-00 900215-01 900215-10 900215-11 900215-20 900215-21 900215-30 900215-31 900215-40 900215-41 900215-50 900215-51	802181 back pack assembly 802167-01 mask facepiece assembly 802240-01 harness assembly 800010-15 cylinder and valve assembly 8002276-01 or -03 pressure reducer 802260-02, -03, or -04 regulator 802228-02 high pressure hose and coupling assembly 802256-02 gage assembly 60158-00 lens prep II or 802819-01 nosecup assembly 27537-01 or -02 accessory hose assembly for use with 30010 series or 30020 series accessory hose assembly
116	Scott	900055-42 900055-43 900055-56 900055-57	802167-01 or 802167-20 facepiece 802240-01 harness assembly 802880-01 regulator 802298-01 regulator and coupling assembly 801935-03 cylinder and valve assembly with 802200-01 or 800300-01 harness (Below 320f add 802819-01 nosecup or 60158-00 lens prep to 802240-01 facepiece)
117	U.S.D. Corp.	9039-00 9040-00	9039-01 bottom case assembly 9039-02 top case assembly 9039-26 cylinder and valve assembly 9039-20 canister and valve assembly 9039-74 breathing bag 9039-54 regulator assembly
118	Nat. Draeger	4059192, 4059193 4059194, 4059195 4059196, 4059197 4059198, 4059199	R50092 facepiece or R51350 silicone mask R50821 lung demand regulator R40644 basic apparatus 4052004 cylinder and valve 4059155 thru 4059158 or 4059162 thru 4059165 manifold 4059061, 4059062, or 4059063 airline hose (add panorama nosecup for use below 320f) 4059036 welding shield (accessory)

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
119	Nat. Draeger	4059200, 4059201 4059202, 4059203 4059204, 4059205 4059206, 4059207	R50092 facepiece R50821 lung demand regulator R40644 basic apparatus 4052004 cylinder and valve or 4050189 cylinder and valve assy. 4059155 thru 4059158 or 4059162 thru 4059165 manifold 4059061, 4059062, or 4059063 airline hose (add panorama noseclip for use below 320F) R51350 silicone facepiece 4059036 welding shield (accessory)
120	Nat. Draeger	4059184, 4059185 4059186, 4059187 4059188, 4059188 4059190, 4059191	R50092 facepiece or R51350 silicone facepiece R50821 lung demand regulator R40644 basic apparatus 4059144 cylinder and valve 4059155 thru 4059158 or 4059162 thru 4059165 manifold 4059061, 4059062, or 4059063 airline hose (add panorama noseclip for use below 320F) 4059036 welding shield (accessory)
121	Globe	2809, 2809-4 C2809, C2809-4 2909, 2909-4	2911 facepiece & pressure demand valve assy. 1058-24 cylinder valve & gauze assembly 1786 Holster 2956-6 regulator assembly with 1860-25, 1860-50 or 1860-100 air supply hose or 2956-8 regulator assembly with 1850-25, 1850-50 or 1850-100 air supply hose (below 320F add 2254 noseclip)
122	Globe	2805, 2805-4 C2805, C2805-4 2905, 2905-4	2911 facepiece & pressure demand valve assy. 1058-24 cylinder valve & gauze assembly 1552 Bag 2956-7 regulator assembly with 1860-25, 1860-50 or 1860-100 air supply hose or 2956-9 regulator assembly with 1850-25, 1850-50 or 1850-100 air supply hose (below 320F add 2254 noseclip)

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
123	MSA	470199, 471955, 471956, 471957, 471958, 471959 471960, 471961, 471962, 470740, 471989, 471990, 471991, 471992 471993, 471994, 471995, 471996	7-212-1 (461414) 7-212-2 or 7-212-3 facepiece 470734 breathing tube 455660 cylinder and valve assembly 7-398-1 regulator 470198 carrier assembly 455021 and/or 455022 air supply hose, 471512, 471513, or 474043 (below 320F. add 96671 nosecup assy.
124	Scott	900555-01 900555-02 900555-03 900555-04	802167-01 or 802167-20 facepiece assembly with 802240-01 harness assembly 803225-01 regulator assembly 803222-01 regulator and coupling assembly 803221-01 cylinder valve assembly in combination with 802200-01 or 800300-01 harness (below 320F add 802819-01 nosecup on 60158-00 lens preparation to 802167-01 or 802167-20)
125	Scott	900550-01 900550-02 900550-03 900550-04	802167-01 or 802167-20 facepiece assembly with 802240-01 harness assembly 803224-01 regulator assembly 803222-01 regulator and coupling assembly 803221-01 cylinder valve assembly in combination with 802200-01 or 800300-01 harness (below 320F add 802819-01 nosecup on 60158-00 lens preparation to 802167-01 or 802167-20)
126	Scott	900565-01 900565-02 900565-03 900565-04	802167-01 or 802167-20 facepiece assembly with 802240-01 harness assembly 803225-01 regulator assembly 803222-01 regulator and coupling assembly 803220-01 cylinder valve assembly in combination with 803223-01 regulator and coupling and 30010 series hose or 803223-02 regulator & coupling and 30020 series hose (below 320F)

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
127	Scott	900560-01 900560-02 900560-03 900560-04	802167-01 or 802167-20 facepiece assembly with 802240-01 harness assembly 803221-01 cylinder and valve 802200-01 harness with 803223-01 regulator and 30010 series hose or 803223-02 regulator & coupling and 30020 series hose (below 320F)
128	Bendix (Clifton Precision)	7010200-1/-2/-3/-4	3525393-1 or 7010278-1 Facemask assembly 7010279-02 or 7010279-04 control module, regulator and hose assembly 7010196-1 cylinder assembly 7010280-2 cylinder carrier assembly
129	Bendix	7010199-1/-2	3525393-1 or 7010278-1 Facemask assembly 7010279-02 or 7010279-04 control module, regulator and hose assembly 7010193-1 cylinder assembly 7010280-2 cylinder carrier assembly
130	USD Corp.	9842-00, 9842-01 9842-02, 9842-03	9100-99 reducer, 9106-00 regulator 9717-00 facemask and hose assembly 9450-20 back pack 9100-90 remote gauge 9161-03 cylinder and valve 980007 nosecup kit
131	USD Corp.	9882-00, 9882-01 9882-02, 9882-03 9882-10, 9882-11 9882-12, 9882-13	9100-55 reducer, 9882-98 or 9882-99 air hose assembly, 9304 air supply hose 9717-00 facemask and hose assembly 9450-20 back pack 9100-90 remote gauge 9161-03 cylinder and valve 98007 nosecup kit
132	AGA	4515	336 890 018 mask assembly 336 890 004 regulator assembly 336 890 005 harness assembly 336 890 006 cylinder assembly

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
133	AGA	4530	336 890 018 mask assembly 336 890 001 regulator assembly 336 890 005 harness assembly 336 890 006 cylinder assembly
134	AGA	915	335 890 018 mask assembly 336 890 022 regulator assembly 336 890 023 harness assembly 336 890 024 cylinder assembly 336 980 023 and/or 336 980 010 and/or 336 980 011 airline hose
135	Bendix (Clifton Precision)	7010420-1, 7010420-2 7010420-3, 7010420-4 7010420-5, 7010420-6 7010420-7, 7010420-8	7010278-1 face mask assembly 7010423-1, -2, -3, -4 control module, regulator & hose assy 3525909-1 or -2 cylinder assembly 7010280-1 cylinder carrier assembly 7010411, 7010413, 7010415, or 7010417, airline hose
136	Bendix (Clifton Precision)	7010421-1, 7010421-2 7010421-3, 7010421-4	7010278-1 face mask assembly 7010423-5, -6, -7, -8 control module, regulator & hose assy 7010196-1 30 minute cylinder assembly 7010280-4 cylinder carrier assembly 7010411, 7010413, 7010415, or 7010417, airline hose
137	Bendix (Clifton Precision)	7010422-1, 7010422-2 7010422-3, 7010422-4	7010278-1 face mask assembly 7010423-5, -6, -7, -8 control module, regulator & hose assy 7010193-1 60 minute cylinder assembly 7010280-4 cylinder carrier assembly 7010411, 7010413, 7010415, or 7010417, airline hose
138	MSA	473649 thru 473658 473625 thru 473634	7-212-1, 7-212-2, 7-212-3 or 7-239-1 facepiece 470863 breathing tube 5-447-1, 5-448-1, 7-447-1, 7-448-1, 7-449-1, 469619, 460370, 96337 or 94007 cylinder and valve assembly 473571 regulator and audilarm assembly 474426 carrier and harness assembly 458734 quick disconnect coupling assembly (accessory) Below 32°F add 471539, 571540, 471541, 96671 or 455668 nosecup to the above

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
139	MSA	473268 473264 474153 474158	7-212-1, 7-212-3, 7-212-2 facepiece 470863 breathing tube 474158 or 473268 cylinder and valve assembly 470892 regulator and audilarm assembly 470887 carrier and harness assembly 458734 quick disconnect coupling assembly (accessory) Below 320F add 471539, 471540, 471541 or 96671 nosecup to the above
140	MSA	471528 470889 474152 474155	7-212-4, 7-212-2, 7-212-3 facepiece 470863 breathing tube 474155 or 470889 cylinder and valve assembly 470892 regulator and audilarm assembly 470887 carrier and harness assembly 458734 quick disconnect coupling assembly (accessory) Below 320F add 471539, 471540, 471541 or 96671 nosecup to the above
141	National Draeger	4059276 4059277 4059278 4059279	R50092 facepiece or R51350 silicon facepiece 4059298 lung demand regulator 4059260 cylinder and valve 4059267 harness 4059267 harness assembly 4059306 welding shield (accessory) 4059272, 4059273, 4059274 or 4059275 regulator 4059061, 4059062, or 4059063 airline hose Below 320F add R26267 nosecup
142	MSA	473639 thru 473648 473615 thru 473624	7-203-1, 7-203-2, 7-203-3 or 7-223-1 facepiece 470863 breathing tube 5-447-1, 5-448-1, 7-443-1, 7-448-1, 7-449-1 469619, 460320, 96337 or 94007 cylinder and valve assembly 473570 regulator and audilarm assembly 474426 carrier and harness assembly 458734 quick disconnect coupling assembly (accessory) Below 320F add 471539, 471540, 471541, 96671 or 89863 nosecup to above

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
143	MSA	474944 thru 474961	7-212-1, 7-212-2, 7-212-3 facepiece 470734 breathing tube 474931 cylinder and valve assembly 7-477-1 regulator 474930 carrier and harness assembly 455021, 455022, 471512, 471513, Or 474043 air supply hose Below 320F add 471539, 471540, 471541, 96671 or 89863 nosecup to above
144	North Safety	802 805 808 811	80001 or 80002 facepiece 80011 or 80012 demand valve assembly 80032 air cylinder and valve assembly 80043 back plate, reducer, valve assembly
145	ISI	707.117.02	071.196.00 Hood 038.052.01 carrying bag and harness
146	North Safety	803, 806 809, 812 813, 814 815, 816	80001 or 80002 facepiece 80011 or 80012 demand valve assembly 80021 or 80022 cylinder and valve assembly 80041 back plate, reducer, and valve assembly
147	North Safety	801, 804 807, 810	80001 or 80002 facepiece 80011 or 80012 demand valve 80031 air cylinder and valve 80043 back plate, reducer valve assembly

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
148	MSA	474234, 474204 474235, 474205 474236, 474206 474237, 474207 474238, 474208 474239, 474209 474240, 474210 474241, 474211	7-203-1/-2/-3 or 7-223-1 Facepiece, 449267 breathing tube; 475290 regulator and audilarm assy, 5-447-1, 5-448-1, 7-447-1 7-448-1, 469619, 96337 or 94007 cylinder and valve assy; 475908 Carrier and harness assy; 475788 connection; 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose and 458734 quick disconnect cplg assy (accessory). Below 320 add 471539, 471540, 471541, 96671 or 89863 nosecup to the above
149	MSA	475898, 475864 475899, 475865	7-203-1/-2/-3 or 7-223-1 facepiece; 449267 breathing tube 475790 regulator and audilarm assy; 5-514-1 or 456104 cylinder and valve assy; 475908 carrier and harness assy; 475788 connection, 455020, 455021, 455022, 471511, 471512, 471513 or 474043 air supply hose and 458734 quick disconnect cplg assy (accessory) Below 320 add 471539, 471540, 471541, 96671 or 89863 nosecup to the above
150	MSA	474218, 474188 474219, 474189 474222, 474192 474223, 474193	7-212-1/-2/-3 or 7-239-1 facepiece, 449267 breathing tube 475793 regulator & audilarm assy; 474156 or 470867 cylinder & valve assembly; 475907 carrier & harness assy; 475919 conn. 455020, 455021, 455022, 471511, 471512, 471513, or 747043 air supply hose and 458734 quick disconnect cplg. assy (accessory) Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup
151	MSA	474217, 474187 474221, 474191	7-212-1/-2/-3 or 7-239-1 facepiece, 449267 breathing tube 475793 regulator & audilarm assy; 474157 or 473262 cylinder & valve assy; 475907 carrier & harness assy; 475919 connection, 455020, 455021, 455022, 471511, 471512, 471513, or 747043 air supply hose and 458734 quick disconnect cplg. assy (accessory) Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
152	MSA	475956, 475975 475957, 475976 475960, 475979 475961, 475980	7-203-1/-2/-3 or 7-223-1 facepiece; 449267 breathing tube 475946 regulator & audilarm assy; 474156 or 470867 cylinder & valve assy; 475908 carrier & harness assy; 475919 connection 455020, 455021, 455022, 471511, 471512, 471513, or 747043 air supply hose and 458734 quick disconnect cplg. assy (accessory) Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup
153	MSA	475995, 475974 475959, 475978	7-203-1/-2/-3 or 7-223-1 facepiece; 449267 breathing tube 475946 regulator & audilarm assy; 474157 or 473262 cylinder & valve assy; 475907 carrier & harness assy; 475919 connection, 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose and 458734 quick disconnect cplg assy (access.) Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup
154	MSA	474242, 474212 474243, 474213 474244, 474214 474245, 474215 475884, 475822 475885, 475823 475886, 475824	7-212-1, 7-212-2, 7-212-3 or 7-239-1 facepiece; 449267 breathing tube, 475791 regulator & audilarm assy; 5-447-1, 5-448-1, 7-447-1, 7-448-1, 469619, 96337 or 94007 cylinder valve assy; 475908 carrier & harness assy; 475919 connection, 455020, 455021, 455022, 471511, 471512, 471513 or 474043 air supply hose and 458734 quick disconnect cplg, assy (access.) Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup to above.
155	MSA	475900, 475866 475901, 475867	7-212-1, 7-212-2, 7-212-3 or 7-239-1 facepiece; 449267 breathing tube; 475791 regulator and audilarm assy; 5-514-1 or 456104 cylinder & valve assy; 475908 carrier & harness assy; 485919 connection, 455020, 455021, 455022, 471511 471512, 471513, 474043 hose and 458734QD cplg, assy (accessory) Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup to above.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
156	MSA	474226, 474196 474227, 474197 474228, 474198 474229, 474199 474230, 474200 474231, 474201 474232, 474202 474233, 474203	7-203-1, 7-203-2, 7-203-3, 7-223-1 facepiece 449267 breathing tube 475789 regulator and audilarm assembly 5-447-1, 5-448-1, 7-447-1, 7-448-1, 469619, 96337 or 94007 cylinder and valve assembly 475908 carrier and harness assembly 475919 connection 455020, 455021, 455022, 471511, 471512 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup to above.
157	MSA	475896, 475862 475897, 475863	7-203-1, 7-203-2 or 7-223-1 facepiece 449267 breathing tube 475789 regulator and audilarm assembly 5-514-1 or 456104 cylinder and valve assembly 475908 carrier and harness assembly 475919 connection 455020, 455021, 455022, 471511, 471512 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup to above.
158	MSA	475816, 475810 475817, 475811 475820, 475814 475821, 475815	7-212-1, 7-212-2, 7-212-3 or 7-239-1 facepiece; 449267 breathing tube; 475794 regulator and audilarm assy; 474156 or 470867 cylinder and valve assembly 475907 carrier & harness assembly 475788 connection 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup to above.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
159	MSA	474195 474225 475813 475819	7-212-1, 7-212-2, 7-212-3 or 7-239-1 facepiece; 449267 449267 breathing tube 475794 regulator and audilarm assembly 474157 cylinder and valve assembly 475907 carrier and harness assembly 475788 connection 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup to above.
160	MSA	475964 475965 475968 475969 475983 475984 475987 475988	7-203-1, 7-203-2 or 7-223-1 facepiece 449267 breathing tube 475947 regulator and audilarm assembly 474156 or 470867 cylinder and valve assembly 475907 carrier and harness assembly 475788 connection 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 89863 nosecup.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number IC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
161	MSA	475963 475967 475982 475986	7-203-1, 7-203-2 or 7-223-1 facepiece 449267 breathing tube 475947 regulator and audilarm assembly 474157 or 473262 cylinder and valve assembly 475907 carrier and harness assembly 475788 connection 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 89863 nosecup.
162	MSA	475888, 475826 475889, 475827 475890, 475828 475891, 475829 475892, 475930 475893, 475831 475894, 475832 475895, 475833	7-212-1, 7-212-2, 7-212-3 or 7-239-1 facepiece; 449267 449267 breathing tube 475792 regulator and audilarm assembly 5-447-1, 5-448-1, 7-447-1, 7-448-1, 469619 or 96337 or 94007 cylinder and valve assembly 474157 cylinder and valve assembly 475908 carrier and harness assembly 475788 connection 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 455668 nosecup to above.
163	MSA	475902, 475868 475903, 475869	7-212-1, 7-212-2, 7-212-3 or 7-239-1 facepiece; 449267 breathing tube 475792 regulator and audilarm assembly 5-514-1 or 456104 cylinder and valve assembly 475908 carrier and harness assembly 475788 connection 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose 458734 quick disconnect coupling assembly Below 320 add 471539, 471540, 471541, 96671 or 89863 nosecup.

* Denotes obsolete or unavailable

Table II-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
164	National Draeger	4050212, 4050217 4050213, 4050218 4050214, 4050219 4050215, 4050226 4050216, 4050227 4050233, 4050228 4050229, 4050230 4050231, 4050232	R51350 or R50092 facepiece, R50821 or 4050243 lung Demand regulator; 4050198 or 4050199 backplate & harness; 4050206 pressure gage line; 4050202 or 4050203 regulator/manifold and 4052004 cylinder and valve assy
165	ISI	707.127.00 707.127.01 707.127.02 707.127.03 707.127.04	.024.038.00 cylinder, 038.059.00 waist belt, 038.060.00 shoulder strap, 039.090.00 pigtail hose, 039.092.00/03 supply hose, (25-300 ft) 046.004.00 bracket; 051.024.00 split pin, 060.116.00 demand valve & hose assy; 061.087.02 reducer assy; 071.101.08 facepiece positive pressure, 092.016.00 "0" ring.
166	Globe	2808 2809	2911, 2911-2 facepiece & pressure demand valve assy, 1058-24 or 1058-45 cylinder, valve & gage assy; 1786-2 holster; 2956 regulator assy. Below 320 add 2254 noseclip assy.
167	Globe	2803 2903	2911-2 facepiece & pressure demand valve assy; 1058-24 or 1058-45 cylinder valve & gauge assy; 1552 bag; 2956-10 regulator assy. Below 320 add 2254 noseclip assy.
168	MSA	476007 476008 476011 476012	7-203-1/2/3, 7-223-1 facepiece, 96065 breathing tube, 474944 regulator and audilarm assy; 5-514-1 cylinder & valve assy; 476026 carrier & harness ass; 458734 quick disconnect assy (access.) Below 320 add 471539, 471540, 47154, 96671 or 89863 noseclip
169	MSA	476009 476010 476013 476014	7-212-1/2/3 or 7-239-1 facepiece; 96065 breathing tube; 475945 regulator & audilarm assy; 5-514-1 cylinder & valve assy; 476027 carrier and harness assy, 458734 quick disconnect coupling assy (access.) Below 320 add 471539, 481540, 471541, 96671 or 455668 noseclip to above

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
82	MSA	455299	455299, respirator assembly.
83	Drager	810 910	FSR810, respirator assembly. FSR910, respirator assembly.
84	MSA	461481 461482 461483 461484 461485 461486	7-203-2, 7-203-3, 95940, 84304, or 96680 (7-223-1 or 7-203-1) facepiece. 88306, 457168, or 457175, breathing tube assy. 84937 or 84938, harness. 461480 (TC-14G-84), canister.
85	Scott	601211-17 601221-17 60111-17 60121-17 601511-17 601521-17	742, 805, or 600121, facepiece. 6108-10 or 6110-27, breathing tube assembly. 565 or 600309-00, harness. 084-VCL (TC-14G-85), canister.
86	MSA	448983 448984 448985 448986	95940, 96679, 463705, 464557, or 96680 (7-223-1, 7-203-2, 7-203-3, or 7-203-1) facepiece. 448972 (TC-14G-86), canister.
87	MSA	448975 448976 448977 448978	95940, 96679, 463705, 464557, or 96680, (7-223-1, 7-203-2, 7-203-3 or 7-203-1) facepiece. 448974 (TC-14G-87), canister.
88	MSA	448979 448980 448981 448982	95940, 96679, 463705, 464557, or 96680, (7-223-1, 7-203-2, 7-203-3 or 7-203-1) facepiece. 448973 (TC-14G-88), canister.
89	MSA	460131 460132 460133 460134	95940, 84304, or 96680, (7-223-1, 7-203-2, 7-203-3 or 7-230-1) facepiece 460113 (TC-14G-89), canister.

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number IC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
91	Siebe-Norton	7820 * 7820S * 7829 * 7829S * 7820N * 7820SN * 7829N* 7829SN *	7600-9 or 7600-9S, facepiece. 780060 or 780061, hose assembly. 780039 or 780041, harness assembly. 780062, connector. 7800-2VC (IC-14G-91), canister.
92	MSA	461133 461134 461140 461141	95940, 96679, 463705, 464557, or 96680, (7-203-1 or 7-223-1) facepiece) 461132 (IC-14G-92), canister.
93	Willson	2164F 2264F	2100 or 2200, facepiece assembly. 64F (IC-14G-93), canister. R785 nose cup (optional)
94	Willson	2161F 2261F	2100 or 2200, facepiece assembly. 61F (IC-14G-94), canister. R785 nose cup (optional)
95	Willson	2162F 2262F	2100 or 2200, facepiece assembly. R785 nose cup (optional) 62F (IC-14G-95), canister.
96	MSA	465331 465327 471839 471840	96680, facepiece assembly (7-203-1, 7-203-2, 7-203-3). 88306 or 457175, breathing tube assembly. 84937 or 84938, harness. 471838 or 465363 (IC-14G-96), canister.
97	MSA	448932 448933 448934 448935 448920 448921 448922 448923 448924 448925	95940, 96680, facepiece assembly (7-203-1 7-203-2, 7-203-3 or 7-223-1). 88306, 457175, or 457168, breathing tube assembly. 84937 or 84938, harness. 448965 (IC-14G-97), canister. 448969 (IC-14G-97), canister. 449888 (IC-14G-97) canister.

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
98	MSA	460125	95940 or 96680, facepiece assembly (7-203-1, 7-203-2, 7-203-3 or 7-223-1) 88306, 457175, or 457168, breathing tube assembly. 84937 or 84938, harness. 460116 (TC-14G-98), canister.
		460126	
		460127	
		460128	
		460129	
		460130	
99	MSA	448940	95940 or 96680, facepiece assembly (7-203-1, 7-203-2, 7-203-3 or 7-223-1). 88306 or 457175, breathing tube assembly. 84937 or 84938, harness. 448966 (TC-14G-99), canister. 465326 (TC-14G-99), canister.
		448941	
		448942	
		448943	
100	MSA	460119	95940 or 96680, facepiece assembly (7-203-1, 7-203-2, 7-203-3 or 7-223-1). 88306, 457175, or 457168, breathing tube assembly. 84937 or 84938, harness. 460117 (TC-14G-100), canister.
		460120	
		460121	
		460122	
		460123	
		460124	
101	MSA	448926	95940 or 96680, facepiece assembly (7-203-1, 7-203-2, 7-203-3 or 7-223-1). 88306, 457175, or 457168, breathing tube assembly. 84937 or 84938, 86978 harness. 448964 (TC-14G-101), 448967 (TC-14G-101) or 448968 or 473881 (TC-14G-101), canister.
		448927	
		448928	
		448929	
		448930	
		448931	
		448936	
		448937	
		448938	
		448939	

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
102	Scott	6030-1108* 6030-1208* 6030-2208* 6030-2108* 6030-3108* 6030-3208* 6030-4108* 6030-4208* 6030-5108* 6030-5208*	600100-00, 600100-01, or 801450-40, facepiece. 802167-20 or 802167-01, mask facepiece. 802240-01, harness assembly. 802472-01, canister adapter. 600252-08, canister assembly.
Replaced by TC-14G-130			
103	Scott	6030-1104* 63-AM, 6030-1204* 63F-AM, 6030-2104* 63FG-AM, 6030-2204* 63R-AM, 6030-3104* 63S-AM, 6030-3204* 6030-4104* 6030-4204* 6030-5104* 6030-5204*	600100-00, 600100-01, or 801450-40, facepiece. 802167-20 or 802167-01, mask assembly. 802240-01, harness. 802472-01, canister adapter. 600252-04, or 631-AM (TC-14G-103) canister assembly. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
104	Scott	6030-1113* 63-OV, 6030-1213* 63F-OV, 6030-2113* 63FG-OV, 6030-2213* 63R-OV, 6030-3113* 63S-OV, 6030-3213* 6030-4113* 6030-4213* 6030-5113* 6030-5213*	600100-00 or 600100-01, or 801450-40, facepiece or 802167-01, or 802167-20 mask facepiece; with 802240-01, harness assembly. 802472-01, adapter assembly. 600252-13 or 631-OV (TC-14G-104), canister. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
105	MSA	466225 466226	84304, 95940, 96679, 96680, 463705, 466284, 7-203-1, 7-203-2, 7-203-3, 464557, facepiece assembly. 466221 (TC-14G-105), canister.

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
106	MSA	466231 466232	84304, 95940, 96679, 96680, 463705, 464557, or 466284, facepiece assembly. 466219 (TC-14G-106), canister.
107	MSA	466227 466351 466228 466350	84304, 95940, 96679, 96680, 463705, 464557, 7-203-1, 7-203-2, 7-203-3, 466284, facepiece assembly. 466222 (TC-14G-107), canister.
108	MSA	466229 466230	84304, 95940, 96679, 96680, 463705, 464557, 7-203-1, 7-203-2, 7-203-3, 466284, facepiece assembly. 466220 (TC-14G-108), canister.
109	Replaced by TC-14G-101		
110	North Safety	7601L 7601LN * 7601LS 7601LSN *	7600-8, 7600-8S, 7600-8N, or 7600-SN, facepiece assembly. 7600-1L (TC-14G-110), canister.
111	North Safety	7604L 7604LS 7604LN * 7604SLN *	7600-8 or 7600-8S (7600-8SN *) facepiece assembly, 7600-4L (TC-14G-111) canister
112	MSA	469039, 469040	7-203-1, 7-203-2, 7-203-3 or 7-223-1 facepiece 469041 (TC-14G-112) canister
113	MSA	468921	7-250-1, 7-250-2 or 7-250-3, facepiece, 456651 or 457158 breathing tube, 466058, 466075 or 466076, 471533 adapter B1072-8 belt or 473902 PVC belt 466221 (TC-14G-105) canister

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
114	MSA	468922	7-250-1, 7-250-2 or 7-250-3 facepiece, 456651 or 457158 breathing tube, 466058, 466075 or 466076 adapter 81072-8 belt 466219 (TC-14G-106) canister
115	MSA	469268 469269	7-223-1, 7-203-1 7-203-2 or 7-203-3 full facepiece 456651 or 457158 breathing tube 471533, 466058, 466075 or 466076 adapter 81072-8 belt or 473902 PVC belt 466220 (TC-14G-108) canister
116	MSA	469270	7-250-1, 7-250-2 or 7250-3 facepiece, 456651 or 457158 breathing tube, 466058, 466075 or 466076, 471533 adapter 81072-8 belt or 473902 PVC belt 466220 (TC-14G-108) canister
117	Scott	63-OV-H 63F-OV-H 63FG-OV-H 63R-OV-H 63S-OV-H 6030-1157* 6030-1257* 6030-2157* 6030-2257* 6030-3157* 6030-3257* 6030-4257* 6030-5157* 6030-5257*	600100-00, 600100-01, 801450-40, or 802167-01 or 802167-20 full facepiece 600252-57 or 631-OV-H (TC-14G-117) canister 802240-01 harness assembly 802472-01 canister adapter 6030-4157 803181-01 noseclip assembly (optional) 60158-01 lens preparation (optional)

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
118	Scott	6030-1175* 63-TEDA-H, 6030-2175* 63F-TEDA-H, 6030-3175* 63FG-TEDA-H, 6030-4175 63R-TEDA-H, 6030-1275* 63S-TEDA-H, 6030-2275* 6030-3275* 6030-4275* 6030-5175* 6030-5275*	600100-01, 600100-00, 801450-40 or 802167-01 or 8020167-20 full facepiece 802240-01 harness assembly 802472-01 canister adapter 600252-75 or 631-TEDA-H (TC-14G-118) canister 803181-01 nosecup assembly (optional) 60158 lens preparation (optional)
119	Pirelli	4333.2011	4333.100 C607 single full facepiece 4341.1564 (TC-14G-119) Dirin 300/OV canister
120	Pirelli	4333.2014	4333.100 C607 single full facepiece 4341.1874 (TC-14G-120) DIRIN 500/OV-P3 canister
121	Pirelli	4333.2012	4333.100 C607 single full facepiece 4341.1566 (TC-14G-121) DIRIN 300/AMM canister
122	Racal	BE3/A BE7/A	55-01-04 or 57-01-04 full facepiece 22-01-02 turbo-unit 60-30-09 battery pack RAS1900 hose clamp 22-25-00 belt 22-10-33 (TC-14G-122) canister
123	Racal	BE3/B BE7/B	55-01-04 or 57-01-04 full facepiece 22-01-02 turbo-unit 60-30-09 battery pack RAS1900 hose clamp 22-25-00 belt 22-10-34 (TC-14G-123) canister AS10282 visor overlay 55-20-08 breathing tube AS10462 vehicle adapter AS10373 harness assembly

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
124	MSA	472886 472887	7-203-1, 7-203-2, 7-203-3, or 7-223-1 full facepiece 46651 or 457158 breathing tube 5-260-1 adapter 455021 or 455022 airline hose 9961 belt or 472420 harness 448972 (TC-14G-86) canister
125	MSA	472882 472883	7-203-1, 7-203-2, 7-203-3, or 7-223-1 full facepiece 46651 or 457158 breathing tube 5-260-1 adapter 455021 or 455022 airline hose 9961 belt or 472420 harness 448974 (TC-14G-87) canister
126	MSA	472884 472885	7-203-1, 7-203-2, 7-203-3, or 7-223-1 full facepiece 46651 or 457158 breathing tube 5-260-1 adapter 455021 or 455022 airline hose 9961 belt or 472420 harness 448973 (TC-14G-88) canister
127	Willson	2165 2265	2100 or 2200 full facepiece 65 (TC-14G-127) canisters
128	Pirelli	4333.2015	4333.100 C 607 full facepiece 4341.1876 (TC-14G-128) DIRIN 500/AMMP3 Canister
129	Scott	63-0A, 64F-0A 63FG-0A, 63R-0A 63S-0A	600100-00, 600100-01 or 801450-40 facepiece assembly or the 802167 -01 or 802167-20 mask facepiece assembly in combination with the 802240-01 harness assembly and 802472-01 canister adapter 631-0A (TC-14G-129) canisters. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)

* Denotes obsolete or unavailable

Table II-2. Gas masks component parts, by approval number.

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
130	Scott	63-CL, 63F-CL 63FG-CL, 63R-CL 63S-CL	600100-00, 600100-01 or 801450-40 facepiece assembly or the 802167 -01 or 802167-20 mask facepiece assembly in combination with the 802240-01 harness assembly and 802472-01 canister adapter 631-CL (TC-14G-130) canisters. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
131	Scott	63CL-H, 63F-CL-H 63FG-CL-H, 63R-CL-H 63S-CL-H	600100-00, 600100-01 or 801450-40 facepiece assembly or the 802167 -01 or 802167-20 mask facepiece assembly in combination with the 802240-01 harness assembly and 802472-01 canister adapter 631-CL-H (TC-14G-131) canisters. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
132	Racal	BE 3/K BE 7/K	22-01-02 turbo unit, 60-03-09 battery pack, 55-20-01 or 55-20-08 breathing tube assy; RAS1900 hose clamp, 22-25-00 belt, 57-01-04 facepiece, 22-10-37 (TC-14G-132) AS10373 harness assy; AS10462 vehicle adapter; AS10282 visor overlay
133	Racal	BE 3/E BE 7/E	22-01-02 turbo unit, 55-20-01 or 55-20-01 breathing tube assy; RAS1900 hose clamp, 22-25-00 belt, 57-01-04 or 55-01-04 facepiece; 22-10-38 (TC-14G-133) canisters AS10373 harness assy; AS10462 vehicle adapter; AS10282 visor overlay
134	MSA	474143 474144	7-203-1, 7-203-2, 7-203-3, 7-223-1, full facepiece 88306 or 457175 breathing tube 84937 or 84938 harness 473881 (TC-14G-134) canister

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
64	Cesco	PI-800-AA PI-800-DA PI-800-NA PI-800-AAHF	801-1-AA, 801-1-DA, 801-1-NA, or 801-1-AAHF hood assembly. 800-2 or 800-21, breathing tube assembly. 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly. 800-6, quick disconnect. 800-5 800-5-HF harness. For Type CE add W-30-2 or W-30A cover lens or W-30SB-2, screen to the above.
64	U.S. Safety	PI-800-AA PI-800-DA PI-800-NA PI-800-AAHF	801-1-AA, 801-1-DA, 801-1-NA, or 801-1-AAHF hood assembly. 800-2 or 800-21, breathing tube assembly. 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly. 800-6, quick disconnect. 800-5, 800-5-HF harness. For Type CE add W-30-2 or W-30A cover lens or W-30SB-2, screen to the above.
64	Wheeler Protective Apparel	17032 17032H 17036 17036H	801-1-AA, 801-1-DA, 801-1-NA, or 801-1-AAHF hood assembly. 800-2 or 800-21, breathing tube assembly. 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly. 800-6, quick disconnect. 800-5, 800-5-HF harness. For Type CE add W-30-2 or W-30A cover lens or W-30SB-2, screen to the above.
65	U.S.D. Corp.	9011-12 9811-12	9404-00 or 9424-00, facepiece and regulator assembly. 9454-00, waist belt. 9304-11 through 20, 9304-68, or 9304-80 through 83, airline hose.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
66	U.S.D. Corp.	9011-14 9811-14	9405-02 or 9424-02, facepiece and regulator assembly. 9454-00, waist belt. 9304-41 through 50, 9304-70 through 73, or 9304-85, airline hose.
67	U.S.D. Corp.	9011-13 9811-13	9405-00 or 9425-00, facepiece and regulator assembly. 9454-00, waist belt. 9304-11 through 20, 9304-68 or 9304-80 through 83, airline hose.
68	U.S.D. Corp.	9011-15 9811-15	9405-02 or 9425-02, facepiece and regulator assembly. 9454-00, waist belt. 9304-41 through 50, 9304-70 through 73, 9304-85, airline hose.
69	3M	W-840-100/50/25 W-286-100/50/25	W-5002, helmet. W-2907, air-regulating valve and W-5114 breathing tube assembly. W-9435, air supply hose.
		W-810-100/50/25	W-5003 BA, helmet. W-2907, air-regulating valve and W-5114 breathing tube assembly. W-9435, air supply hose.
	3M Pauli&Griffin* Bowen Tools * Clemco * Empire Abrasive * Kelco Sales * Pangborn *	W-870-100/50/25	W-5005, helmet. breathing tube assembly. W-9463, belt. W-9435, air supply hose. W-2907 air regulator valve W-5114 breathing tube

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
3M		W-858-100/50/25	W-5006 CA, helmet or W-29858A airhat. W-2907, air-regulating valve and W-5114 breathing tube assembly. W-9435, air supply hose.
		W-856-100 L,M, W-856-50 L,M, W-856-25 L,M, W-856-100S * W-856-50S * W-856-25S *	W-2810, hood. W-2907, air-regulating valve and W-5114 breathing tube assembly. W-9435, air supply hose.
		W-352-25/50/100	W2907 air regulating valve W3021 extended hardcap W2866 breathing tube W2929 25/50/100 self storing hose
		W-280-100/50/25	W-2907, air regulating valve. W-5201, economy hood and vest. W-9435, air supply hose. W-5114 or W-5115, breathing tube.
		W-283-100/50/25	W-2907, air regulating valve. W-2858, grinding helmet. W-9435, air supply hose. W-5114, breathing tube.
		W-292-100/50/25 *	W-2907, air regulating valve. W-2875, softcap. W-9435, air supply hose. W-2866, breathing tube.
		W321-100S * W-321-100M/L	W-2907, air regulating valve W-2810-S, economy hood/vest W-5114, breathing tube ins. W-2929-25, self-storing hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
3M		W-321-50M/L	W-2907, air regulating valve
		W-321-50S *	W-2810-S, economy hood/vest
			W-5114, breathing tube ins.
			W-2929-50, self storing hose
3M		W-321-25M/L	W2907, air regulating valve
		W-321-25S *	W-2810-S, economy hood/vest
			W-5114, breathing tube ins.
			W-2929-25, self storing hose
3M		W-318-100/50/25	W-2907, air regulating valve
			W-2860, hard cap w/ shroud
			W-2866, breathing tube
			W-2929, self storing hose
3M		W-346-25/50/100	W-2907 air regulating valve
			W-3021 extended hardcap
			W-2866 breathing tube
			W-9435-25/50/100 high pressure hose
3M		W-314-100/50/25	W-2907, air regulating valve
			W-5003, welding helmet
			W-5114, breathing tube ins.
			W-2929, self storing hose
3M		W-313-100/50/25	W-2907, air regulating valve
			W-5005, general purpose helmet
			W-5114, breathing tube ins.
			W-2929, self-storing hose
3M		W-308-100/50/25	W-2907, air regulating valve
			W-5006, abrasive blasting helmet
			W-5114, breathing tube ins.
			W-2929, self-storing hose
3M		W-368-25/50/100	W-3082 hood
		W-371-25/50/100	W-2907 air regulating valve
			W-5114 breathing rate W-2929 hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
70	3M	W-329-100/50/25	W-2907, air regulating valve
			W-2975, supplied air helmet
			W-5114, breathing tube
			W-2929, self-storing hose
	3M	W-332-100/50/25	W-2907, air regulating valve
			W-2975, supplied air helmet
			W-5114, breathing tube
			W-9435, high pressure hose
	3M	W-335-100/50/25	W-2907, air regulating valve
			W-2985, sandblast supplied air helmet
			W-5114, breathing tube
			W-2929, self-storing air hose
	3M	W-338-100/50/25	W-2907, air regulating valve
			W-2985, sandblast supplied air helmet
			W-5114, breathing tube
			W-9435, high pressure hose
70	3M	W-880-100/50/25 W-820-100/50/25 W-347-25/50/100 W-890-100/50/25 W-354-25/50/100 W-322-100/50/25/M/L W-322-100S* W-317-100/50/25 W-881-100/50/25/M/L W-315-100/50/25 W-881S* W-881-50S* W-881-25S*	For Type C: W-5002 or a W-50038BA or a W5005 or a W-2858 helmet or a W-2810 or a W-5201 hood or a W-2975 airhat and a W-5114 breathing tube assembly, or W-2860 or a W-3021 hardcap or a W-3082 hood and a W-2866 breathing tube assembly, and a W-2862 breathing tube assembly, W-2862 air, and temperature regulating valve, W-9435 or W-2929 hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
70	Con't.	W-330-100/50/25 W-311-100/50/25 W-333-100/50/25 W-310-100/50/25 W-336-100/50/25 W-328-100/50/25 W-287-100/50/25 W-888-100/50/25* W-281-100/50/25 W-284-100/50/25 W-293-100/50/25* W-370-25/50/100 W-369-25/50/100 W-372-25/50/100	For Type CE: W-5006CA helmet or a W-2985BA airhat and a W-5114 breathing tube assembly, and a W-2862 air and temperature regulation valve, and a W-9435 or a W-2929 air supply hose.
71	Scott	4616-11, 4616-12 4616-15, 4616-21 4616-22, 4616-25 4622-11, 4622-12 4622-15, 4622-21 4622-22, 4622-25	742 or 4704, facepiece. 6119, breathing tube. 4196 or 4196-1, flow control valve and cartridge assembly. 4286, air supply hose. 618, head harness.
72	Scott	4616-18, 4616-19 4616-28, 4616-29 4622-18, 4622-19 4622-28, 4622-29	742 or 4704, facepiece. 6119, breathing tube. 4199 or 4199-1, flow control valve and cartridge assembly. 4225, air supply hose. 618, head harness
73	Scott	802230	801450-40/41, facepiece assembly or 802167-01, facepiece with 802240-01 head harness and 802474-01, adapter assy. 800227-00, regulator assembly. 26022-01/03, supply hose or 26022-01/03, supply hose with 26025-01, strap and belt assembly and 30010/30020 series extension hose. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
74	Scott	801548	801450-05, facepiece assembly or 802240-01, facepiece with 802240-01, head harness and 802474-01, adapter assy. 802236-01, regulator assembly. 802235-01, exhalation valve assembly. 26022-01/03, supply hose or 26022-01/03, supply hose with 26025-01, strap and belt assembly and 30010/30020 series extension hose. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
75	MSA	457165 94988 84283 457164 93928 46539	7-203-1, 7-203-2, 7-203-3, 7-223-1, 7-476-1, 7-476-2, 7-476-3 96680, 95940, or 94331, facepiece. 457158, breathing tube assembly. 81070 or 92656, regulator-connector. 473902 or 9961, web belt. 471512, 471513, 474043, 455021 or 455022, hose.
77	MSA	457623	7-203-1, 7-203-2, 7-203-3, 96680, facepiece. 88306, 464509, breathing tube assembly. 460626, harness assembly. 460625, stake and funnel assembly. 17273, air supply hose.
78	MSA	460862 460863 460864 460865	7-203-1, 7-203-2, 7-203-3, 7-223-1, 7-476-1, 7-476-2, 7-476-3 94331, 95940, or 96680, facepiece 473902 or with 9961, web belt or 460861 facepiece with 78362 harness. 457158, breathing tube assembly. 5-397-1 or 460814, control valve or 5-395-1 connector. 455021 and/or 455022, air supply hose. 469595 cartridge holder with 459322 or 459315 filter accessory 471512 471513 or 474043

* Denotes obsolete or unavailable

Table 11-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
78	Con't.	461708, 469716 461717, 469717 461718, 469720 461719, 469721 475146 475147 475148 475149	7-203-1, 7-203-2, 7-203-3, 7-223-1, 94331, 95940, 96680, facepiece with 473902 or 9961 web belt or 460861 face- piece with 78362 harness. 457158, breathing tube assembly. 5-397-1 control valve or 461706, valve or 5-395-1 connector. 471512, 471513, 474043, 455021 and/or 455022, air supply hose. 469595 cartridge holder with 459322 or 459315 filter cartridge (accessory)
79	Encon	6400	6400-1, helmet and safety cap assembly. 6400-6, inner cape with 6400-5, 6400-5L, 6400-16-5 or 6400-16-5L, outer cape. 6400-10, cold tube. 6400-9, air supply hose assembly. 6400-7, personal air conditioner or 6400-15, air control valve. 6400-16, welder's lens adapter. 6400-3, primary window. 6400-4, cover window. 6400-8, belt.
79	Schmidt	6400	6400-1, helmet and safety cap assembly. 6400-6, inner cape with 6400-5, 6400-5L, 6400-16-5, or 6400-16-5L, outer cape. 6400-10, cold tube. 6400-9, air supply hose assembly. 6400-7, personal air conditioner or 6400-15, air control valve. 6400-16, welder's lens adapter. 6400-3, primary window. 6400-4, cover window. 6400-8, belt.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
79	Schmidt	01-6401-37 01-6401-38 01-6401-39 01-6401-40 01-6401-41 01-6401-42	01-6401-02 or 01-6402-01 hood 01-6320-14 cold tube 01-6320-14 cold tube 01-6400-03 primary window 01-6400-04 window cover 01-6400-05 outer short cape 01-6400-15 direct air valve 01-6400-13, 01-6400-12, -37 hose
79	Encon	01-6401-31 01-6401-32 01-6401-33 01-6401-34 01-6401-35 01-6401-36 01-6451-31 01-6451-32 01-6451-33 01-6451-34 01-6451-35 01-6451-36	01-6401-01 white hood 01-6400-03 window 01-6400-15 direct air valve 01-6400-04 cover window 01-6400-05 outer short cape 01-6400-06 inner cape 01-6320-14 cold tube 01-6400-08 hose 01-6400-13, 01-6406-37, 01-6400-12 hose
80	MSA	460903 460904 460905 460906 461709 461710 461711 461712	The approved assembly consists of the following MSA parts: 460886 hood; 94379 cape or 94029 collar; 469595 cartridge holder with 459322 filter cartridge or 460893 cartridge holder with 95302 filter cartridge 5-395-1, 5-397-1, 460814, 460829, 461706, or 461707 valve connector; 9961 or 473902 belt; 455021, 455022, 471512, 471513, or 474043 air supply hose.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
81	MSA	460907 460908 460909 460910 460911 460912 461713, 461714 461715, 461716	460885 or 77880 hood, 94417 or 450924 cape or 94488 collar, 5-395-1, 5-397-1, 460814 or 461704 valve connection 9961 or 473902 belt, 455021, 455022, 471512, 471513 or 474043 air supply hose 469595 cartridge holder, with 459322 or 459315 filter cartridge (accessory)
82	Pulmosan	(AL180) #10168	10939, facepiece and breathing tube assembly. 10942, belt with orifice coupler assembly. 20138, 20141, or 20144, air supply hose.
83	Willson	1810* 1820* 1810A/B/C/D 1820A/B/C/D	R726 or R727, facepiece. R728, breathing tube subassembly. R729, airline belt subassembly. R814 or R714, air supply hose.
84	Bullard Anderson Bowen A-BEC Pauli&Griffin Air Components Empire Kelco Porter Warner Quaker State Clark Sand Key Houston Sulliblast Ace Enterprises Clemtex Schmidt Martens Co.	77 46	77-0, helmet assembly, 464, capes, 46-4 HP or 77-AC, valves. V-10-25-ST or V-10-25-EXT, air supply hoses. 77-1-B and 77-1, lenses. 690-2 air control/air entry system

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
85	Clemco	46 (PCE)	46-0, helmet assembly, 464, capes. 46-4-HP or HCE, valves. V-10-25-ST, V-10-25-EXT, V-10-50-EXT or V-10-100-EXT, air-supply hoses. 46-1-B and 46-1, lenses.
86	AO	R6099* R5099 S5099	51282 or 50243, respirator subassembly. 51520, breathing tube. 51281, valve and belt assembly. 56030, 56031, or 56032, air supply hose.
87	3M	W-270-100/50/25	W-2817, vortemp with W5114 breathing tube and belt. W5005, helmet. W-9435, air supply hose.
	3M Kelco Pangborn Pauli&Griffin Bowen Tools Clemco Empire Abrasive	W-271-100/50/25 " " " " " "	W-2817, vortemp with W5114 breathing tube and belt. W-5006 CA, helmet. W-9435, air supply hose. W-2985 BA air hat
	3M	W-353-25/50/100	W-2863 vortemp, heating assembly W-3021 extended hardcap W-2866 breathing tube W-2929-25/50/100 self storing hose
		W-272-100/50/25	W-2817, vortemp with W5114 breathing tube and belt. W-5003 BA, helmet. W-9435, air supply hose.
		W-274-100,M,L W-274-50,M,L W-274-25,M,L W-274-100S * W-274-50S * W-274-25S *	W-2863, vortemp with W5114 breathing tube and belt. W-2810, hood. W-9435, hose.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		W-277-S,-M,-L *	W-2817, vortemp with W5114 breathing tube and belt. W-2850, softcap. W-9435, air supply hose.
		W-282-100/50/25	W-2863, vortemp with W5114 breathing tube and belt. W-5201, hood. W-9435, air supply hose.
		W-285-100/50/25	W-2862, vortemp with W5114 breathing tube and belt. W-2858, helmet. W-9435, air supply hose.
		W-294-100/50/25 *	W-2863, vortemp. W-2875, softcap. W-9435, air supply hose. W-2866, breathing tube assembly.
		W-288-100/50/25	W-2863, vortemp W-2863, hardcap W-9435, air supply W-2866, breathing tube
3M		W-320-100/M/L W-320-50/M/L W-320-25/M/L W-320-100S * W-320-50S * W-320-25S *	W-2863, vortemp W-2810, economy hood/vest W-5114, breathing tube ins. W-2929, self-storing hose
3M		W-319-100/50/25	W-2863, vortemp W-2860, hardcap w/shroud W-2866, breathing tube W-2929, self-storing hose
3M		W-348-25/50/100	W-2863 vortemp heating W-3021 extended hardcap W-2866 breathing tube W-9435-25/50/100 high pressure hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
3M		W-323-100/50/25	W-2863, vortemp
			W-5003, welding helmet
			W-5114, breathing tube
			W-2929, self-storing hose
3M		W-312-100/50/25	W-5005, general purpose helmet
			W-5114, breathing tube
			W-2929, self-storing hose
			W-2863, vortemp
3M		W-373-25/50/100	W3082 hood
			W-5114 breathing tube
			W-2929 self storing hose
			W-2863 non-temp
3M		W-309-100/50/25	W-2863, vortemp
			W-5006, abrasive blasting helmet
			W-5114, breathing tube ins.
			W-2929, self-storing hose
3M		W-327-100/50/25	W-2863, vortemp
			W-2975, supplied air
			W-5114, breathing tube
			W-2929, self-storing hose
3M		W-331-100/50/25	W-2863, vortemp
			W-2975, supplied air helmet
			W-5114, breathing tube
			W-9435, high pressure hose
3M		W-334-100/50/25	W-2863, vortemp
			W-2983, sandblast supplied air helmet
			W-5114, breathing tube
			W-2929, self-storing hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
88	Binks	40-160, 40-280 40-200, 40-300 40-220, 40-320 40-240 40-260	40-159, facepiece. 40-158, breathing tube assembly. 40-157, control valve. 40-156, web belt. 40-154 and/or 40-155, air supply hose.
89	A0	R56001	56001, hood assembly. 56017, canopy assembly. 56016, belt. 56013, coupling. 56030, 56031, or 56032, air supply hose.
90	Robertshaw	900-002-264-01 900-002-264-11	595-900-068-01, full facepiece assembly, or 595-900-065-01, half facepiece assembly. 904-003-244 or 904-003-245, harness assembly. 900-002-231, regulator assembly. 595-900-202, hose quick disconnect assembly. 535-900-068, 535-900-097 or 535-900-069, air-supply hose.
		900-002-264-02 900-002-264-12	595-900-068-02, full facepiece assembly, or 595-900-065-02, half facepiece assembly. 904-003-244 or 904-003-245, harness assembly. 535-900-252, hose quick disconnect assembly. 900-002-231, regulator assembly. 535-900-068, 535-900-097 or 535-900-069, air-supply hose.
		900-002-264-03 900-002-264-13	595-900-068-03, full facepiece assembly or 595-900-065-03, half facepiece assembly. 904-003-244 or 904-003-245, harness assembly. 535-900-253, hose quick disconnect assembly. 900-002-231, regulator assembly. 535-900-068, 535-900-097 or 535-900-069, air-supply hose.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		900-002-264-04 900-002-264-14	595-900-068-04, full facepiece assembly or 595-900-065-04, half facepiece assembly. 904-003-244 or 904-003-245, harness assembly. 535-900-255, hose quick disconnect assembly. 900-002-231, regulator assembly. 535-900-068, 535-900-097 or 535-900-069, air- supply hose.
91	MSA	457157, 93224, 93225 461666	7-203-1, 7-203-2, 7-203-3, 7-223-1, 7-476-1, 7-476-2, 7-476-3 96680, 95940, or 94431, facepiece assembly. 93207, regulator hose assembly. 461998, regulator. 471512, 471513, 474043, 455021 or 455022, air-hose assembly. 93210, belt assembly.
92	Globe	2185-6 2185-4	2217-4, facepiece and demand valve with continuous-flow control. 1947-5, airline fitting. 1461-2, waist belt. 1840-25 and/or 1840-50 and/or 1840-100, air-supply hose assemblies; or, 1947-2, airline fitting with 1850-25 or 1850-50 or 1850-100 or 1850-200, air-supply hose assemblies.
93	MSA	89104, 461669, 461699, 461700	7-212-1, 7-212-2, 7-212-3, 7-239-1 96057, 461614, facepiece assembly. 457158, breathing tube. 462284 or 461670, regulator assembly. 9961, belt assembly. 455021 or 455022, air hose assembly.
94	Willson	1850* 1860* 1850A/B/C/D 1860A/B/C/D	R740 or R741, full facepiece assembly. R728, breathing tube assembly. R729, belt assembly. R814 or R714, air supply hose.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
95	Pulmosan	(AL330) 10159 10237 11033	10783, facepiece and breathing tube assembly (with 10924 or 10954 cushion). 10942, belt with orifice coupler assembly. 20138, 20141, or 20144, air supply hose.
96	Cesco	801-AA 801-DA 801-NA HF 801-AA HF	801-1-AA, 801-1-DA, 801-1-NA, or 801-1-AAHF hood assembly. 801-2, breathing tube assembly. 801-5, 801-5-HF harness assembly. 800-6, quick disconnect assembly. 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly. For Type CE add W-30-2 or W-30A, cover lens or W-30SB-2, screen to the above.
96	U.S. Safety	801-AA 801-DA 801-NA HF 801-AA HF	801-1-AA, 801-1-DA, 801-1-NA, or 801-1-AAHF hood assembly. 801-2, breathing tube assembly. 801-5, 801-5-HF harness assembly. 800-6, quick disconnect assembly. 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly. For Type CE add W-30-2 or W-30-A, cover lens or W-30SB-2, screen to the above.
96	Wheeler Protective Apparel	17232 17232H 17236 17236H	801-1-AA, 801-1-DA, 801-1-NA, or 801-1-AAHF hood assembly. 801-2, breathing tube assembly. 801-5, 801-5-HF harness assembly. 800-6, quick disconnect assembly. 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly. For Type CE add W-30-2 or W-30-A, cover lens or W-30SB-2, screen to the above.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
97	Scott	802280-01, 802280-02 802280-05, 802280-06 802280-09, 802280-10 802280-13, 802280-14	802281-01 or 802281-02, facepiece assembly. 800227-00, regulator assembly. 64152-02, exhalation valve assembly. 26022-01 or 26022-03, supply hose, or 26022-01 or 26022-03, supply hose with 26025-01, strap and belt assembly and 30010 or 30020, extension hose.
98	Scott	802280-03, 802280-04 802280-07, 802280-08 802280-11, 802280-12 802280-15, 802280-16	802281-01 or 802281-02, facepiece assembly. 802236-01, regulator assembly. 802275-01, exhalation valve assembly. 26022-01 or 26022-03, supply hose, or 26022-01 or 26022-03, supply hose with 26025-01, strap and belt assembly, and 30010 or 30020, extension hose.
99	Pulmosan	20009	20282, hood. 10942, belt with orifice and coupler assembly. 20138, 20141, or 20144, air supply hose.
100	Pulmosan	20027	20285, hood. 10942, belt with orifice and coupler assembly. 20138, 20141, or 20144, air supply hose.
101	MSA	463018, 463019, 463020, 463021 463022, 463023, 463024, 463025	7-203-1, 7-203-2, 7-203-3, 7-233-1 96680, 95940, facepiece. 463016 (one man) or 463017 (two man) blower and trunk. 14331, harness. 17273, air supply hose. 456651 or 457168, breathing tube.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
102	Bullard Anderson Bowen Tools Pauli&Griffin Empire Kelco Titan A-BEC Schmidt Key Houston Ace Clemtex Clemco Binks Air Components Sulliblast	999-3-1 999-3-2 999-3-3 999-3-4 999-3-5 999-3-6 999-3-7 999-3-8 999-3-9 999-3-10 999-3-11 999-3-12 999-3-13 999-3-14 999-3-15 999-3-16	687 helmet, 690-1 or 690-2 air- control, ESDMY suspension, 691 or 692 or 1164 cape, 605 inner-lens 468 outer-lens, V-10 hoses and V-20 hose, 1300 air-control hot/cold tube.
102	Bullard Anderson Bowen Tools Pauli&Griffin Empire Kelco Titan A-BEC Schmidt Key Houston Ace Clemtex Clemco Binks Air Components Sulliblast	999-4-1 999-4-2 999-4-3 999-4-4 999-4-5 999-4-6 999-4-7 999-4-8 999-4-9 999-4-10 999-4-11 999-4-12 999-4-13 999-4-14 999-4-15 999-4-16	687 helmet, 690-1 or 690-2 air- control, ESDMY suspension, 691 or 692 or 1164 cape, 605 inner-lens 468 outer-lens, V-10 hoses and V-20 hose, 1300 air-control hot/cold tube

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
102	Bullard Bullard Bullard & Labels above Bullard & Labels above	999-5-1 through 999-5-16 same as above 999-6 999-7 999-8	
103	MSA	463925, 463926 463970, 463973, 463974, 463983, 463986, 463987	463914 helmet, 463922 collar or 463923 cape; 469595 cartridge holder with 459322 filter cartridge or 460893 cartridge holder with 95302 filter cartridge; 5-395-1, 5-397-1, 460814, 460829, 461706 or 461707 valve connector; 9961 or 473902 belt and 455021, 455022, 471512, 471513, or 474043 air supply hose.
104	MSA	463971, 463972, 463975, 463976, 463984, 463985 463988, 463989	463914 helmet, 463922 collar or 463923 cape; 469595 cartridge holder with 459322 filter cartridge or 460893 cartridge holder with 95302 filter cartridge; 5-396-1, 5-398-1, 463265, 463266, 463267 or 463268 valve connector; 9961 or 473902 belt and 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose.
105	MSA	463939, 463979	The approved assembly consists of the following MSA parts: 463910 helmet, 464817 hood, 463922 collar, 5-395-1, 5-397-1, 460814 or 461706 valve connector; 9961 or 473902 belt, 455021, 455022, 471512, 471513, or 474043 air supply hose and 469595 cartridge holder with 459322 or 459315 filter cartridge (accessory).
106	MSA	463980, 463981	The approved assembly consists of the following MSA parts: 463910 helmet, 464817 hood, 463922 collar, 5-395-1, 5-398-1, 463265 or 463278 valve connector; 9961 or 473902 belt, 455020, 455021, 470522, 471511, 471512, 471513, or 474043 air supply hose and 469595 cartridge holder with 459322 or 459315 filter cartridge (accessory).
107	MSA	463929, 463930 453959, 463962 453963, 463967	The approved assembly consists of the following parts: 463913 helmet, 453912 or 463918 cape or 463931 collar; 5-395-1 5-397-1, 460814, or 461706 valve connector; 9961 or 473902 belt 455021, 455022, 471512, 471513, or 474043 air supply hose and 469595 cartridge holder with 459322 or 459315 filter cartridge (accessory)

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
108	MSA	463960, 463961, 463964, 463965, 463968, 453969	463913, helmet, 463912 or 463918 cape or 463931 collar; 5-396-1, 5-398-1, 453265 or 463278 valve connector; 9961 or 473902 belt; 455021, 455022, 471511, 471512, 471513 or 459322 or 459315 filter cartridge (accessory).
109	North Safety	85101	86001, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86007, air hose assembly.
		85102	86001, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86008, air hose assembly.
		85103 85105 * 85107 * 85109 * 85111 * 85113 *	86001, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86043, 86009, air hose assembly.
		85104 * 85106 * 85108 * 85110 * 85112 * 85114	86001, facepiece assembly. 86006; air control valve assembly. 86006, quick connect coupling. 86008, 86009, air hose assembly.
			86002, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86007, air hose assembly.
		85115	86001, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86008, air hose assembly.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		85116	86002, facepiece assembly.
		85118 *	86005, air control valve assembly.
		85120 *	86006, quick connect coupling.
		85122 *	86043, 86009, air hose assembly.
		85124 *	
		85126 *	
		85117 *	86002, facepiece assembly.
		85119 *	86005, air control valve assembly.
		85121 *	86006, quick connect coupling.
		85123 *	86008, 86009, air hose assembly.
		85125 *	
110	North Safety	85201	86003, facepiece assembly.
			86005, air control valve assembly.
			86006, quick connect coupling.
			86007, air hose assembly.
		85202	86003, facepiece assembly.
			86005, air control valve assembly.
			86006, quick connect coupling.
			86008, air hose assembly.
		85203	86003, facepiece assembly.
		85205 *	86005, air control valve assembly.
		85207 *	86006, quick connect coupling.
		85209 *	86043, 86009, air hose assembly.
		85211 *	
		85213 *	
		85204 *	86003, facepiece assembly.
		85206 *	86005, air control valve assembly.
		85208 *	86006, quick connect coupling.
		85210 *	86008, 86009, air hose assembly.
		85212 *	
		85214	86004, facepiece assembly.
			86005, air control valve assembly.
			86006, quick connect coupling.
			86007, air hose assembly.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		85215	86004, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86008, air hose assembly.
		85216*, 85217 * 85218*, 85219 * 85220 *85221 * 85222 *85223 * 85224 *85225 * 85226 *	86004, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86043, 86009, air hose assembly. 86004, facepiece assembly. 86005, air control valve assembly. 86006, quick connect coupling. 86008, 86009, air hose assembly.
111	A0	50733 50734	51281, 51527, valve and belt assembly. 51513, 51517, facepiece assembly. 51147 or 51520, breathing tube assembly. 51525, breathing tube kit. 51516, coupling 51503, 51515, clamps 51508, spectacle kit (opt) 51501, lens cover. 56031 or 56032, airline hose assembly. 51401, 56016 belt assy.
112	Glendale	GR5000 GR6000	GR5000 or GR6000 series facepiece with CF-1 or CF-1a, strap assembly. CR-2, adapter with GR5000 series only. CF-3, clamp. CF-4, breathing tube. CF-5, hose assembly. CF-6, air regulating valve assembly. CF-8, washer insert and nut. The following are for GR6000 exclusively: CF-9, insert CF-14, clamp and CF-17, optional nose cup kit assembly.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
113	MSA	463281, 469718 463300, 469719 475149, 469722 463301, 469723 463302 463277 463297 463298 463299 475148	7-203-1,-2,-3, 7-223-1, 7-250-1,-2,-3, 7-361-1,-2,-3, 7-285-1, 7-285-2, 7-285-3, 7-476-1, 7-476-2, 7-476-3 460861, 96680, 95940, 94331, facepiece. 457158, breathing tube. 463278 or 463265, 5-396-1 or 5-398-1 valve. 78362, harness. 473902 or 9961, belt. 469595 cartridge holder with 459322 or 459315 filter cartridge (accessory) 471511, 471512, 471513, 474043 455020, 455021, or 455022, hose.
114	Binks	40-140, 40-230 40-210, 40-270 40-250, 40-310 40-290, 40-330	40-159, facepiece. 40-158, breathing tube. 40-138, control valve. 40-156, belt. 40-139, 40-145, and 40-155, hose.
115	MSA	463293 463305 463309 463294 463308 463306 463310	450886 hood, 94379 cape or 94029 collar; 469595 cartridge holder with 459322 filter cartridge or 460893 cartridge holder with 95302 filter cartridge; 5-396-1, 5-398-1, 463265, 463266, 463267, or 463278 valve connector; 9961 or 473902 belt and 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose.
116	MSA	463295 463303 463292 463296 463304 453312 463311 463291	450885 and 72800 hood, 94417 cape or 450924 cape or 94029 or 94488 collar; 5-396-1, 5-398-1, 463265, or 473278 valve connector. 9961 or 473902 belt and 455020, 455021, 455022, 471511, 471512, 471513, or 474043 air supply hose, and 469595 cartridge holder with 459322 or 459315 filter cartridge (accessory).

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
117	MSA	463924 463982	464816 helmet, 464817 hood, 463922 collar; 5-454-1, 463938 or, 463955 vortex tube; 9961 or 473902 belt; 455021, 455022, 471512, 471513 or 474043 air supply hose and 459595 cartridge holder with 459322 or 459315 filter cartridge (accessory).
118	MSA	463927 463978 463928 463977	464810 helmet, 463923 cape; 463922 collar; 5-454-1, 463938 or 463955 vortex tube; 9961 or 473902 belt; 455021, 455022, 471512, 471513, or 474043 air supply hose and 469595 cartridge holder with 459322 filter cartridge (accessory)
119	MSA	463956 463957 463958 463936 463966	464815 helmet, 463912 or 463918 cape; 463931 collar; 5-454-1, 463938 or 463955 vortex tube; 9961 or 473902 belt; 455021, 455022, 471512, 471513, or 474043 air supply hose and 469595 cartridge holder with 459322 filter cartridge (accessory)
120	Defense Apparel	HSQ-10	1100, headpiece assembly. 1200, belt loop plate assembly. 1300 and 1400, airline assembly.
121	U.S. Safety Service Co.	152	152-A-00, facepiece assembly. 152-A-01, breathing tube assembly. 152-A-02, harness assembly. 152-A-03, quick disconnect. 16155 or 152-A-04, control valve. 16261 or 152-25 or 152-50, air supply hose.
122	Cesco Safety Products	97	97-A-00, facepiece assembly. 152-A-01, breathing tube assembly. 152-A-02, harness assembly. 152-A-03, quick disconnect. 16155 or 152-A-04, control valve. 16261 or 152-25 or 152-50, air supply hose.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
123	3M	W-298-25/50/100 W-378-25/50/100	W-2908, facepiece. W-2888, breathing tube assembly. W-2929 or W-9435-25, -50, - 100, high pressure hose.
124	Safety and Supply	RC2095ST/SC/HA RC2095G-HA/SC/ST RC2095R-HA/SC/ST RC2095B-HA/SC/ST RC2095W-HA/SC/ST RC2095GY-HA/SC/ST	RC2095-HA, -SC, -ST, B-HA, B-SC, G-ST, GY-HA GY-SC, GY-ST, R-HA, R-SC, R-ST, W-HA, W-SC or W-ST hood and belt, 6000 series -HA, -SC, 025-ST, airline hose. One length of either 4052-HA, -SC, or -ST, recoil hose may be substituted for one length of the 6000 series hose.
125	DeVilbiss	MPH-532	R726 or R727, facepiece. R728, breathing tube assembly. R729, airline belt subassembly. R814 or R714, air supply hose.
126	U.S. Safety Service	153	153-A-00, or 153-M-00 facepiece assembly. 16133, breathing tube assembly. 152-A-02, harness assembly. 152-A-03, quick disconnect assembly. 16155 or 152-A-04, control valve assembly. 16261 or 152-25 or 152-50, air supply hose assembly.
127	Cesco	98	98-A-00, or 98-M-00 facepiece assembly. 16133, breathing tube assembly. 152-A-02, harness assembly. 152-A-03, quick disconnect assembly. 16155 or 152-A-04, control valve assembly. 16261 or 152-25 or 152-50, air supply hose assembly.
128	Standard Safety	SD5890	SD-5734, hood assembly. SD-5735, air regulating valve, belt & hose assembly. SD-5736-50/75/100, air supply hose.

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
129	MSA	468697	96680 (7-203-1) Facepiece Assy 468766 Connector Assy 473902 or 9961 Belt 471512, 471513, 474043, 455021, 455022, Air Supply Hose 454999 Quick Release Connector
130	Clemco	04400 04401 04402	04412 Helmet Assy 04410 Cool Tube Assy 04435 Cape 04495 Mylar Cover Lens 04494 Acetate Outer Lens 04493 Acetate Inner Lens 04501-00 Climate Control Tube
131	Bullard	1414	PA010 System 1400 Supplied Air Respirator, Type C, PA015 flow control valve, belt mounted, part no. 46-4-LP and PA044 accessory air control/air entry, part no. 1420-2, and accessory air supply hose, part no. V-20-100-ST 1419 outer cape, 1418 inner cape, 1415 neck ring, 1416 clamps (2), 1420-1 air control system and 10 to 100 feet of V-10 hose
132	Bullard	1515	PA010 System 1515 Supplied Air Resp- irator, Type C, PA015 flow control valve, belt mounted, part no. 46-4-LP and PA044 accessory air control/air entry, part no. 1420-2, and accessory air supply hose, part no. V-20-100-ST 1501 outer cape, 1420-1 air control system & 10-100 feet of V-10 hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
133	Racal	AH30	AS-917 Helmet and Faceshield Assy AS-909 Air Regulating Assy (Belt, Valve, Breathing Tube) AS10001 Air Supply Hose
134	Racal	AH31	AS10013 Welding Helmet & Faceshield Assy AS909 Air Regulating Assy (Belt, Valve, Breathing Tube) AS10001 Air Supply Hose
135	Racal	AH33	AS-10013 Welding Helmet & Faceshield Assy AS10022 Vorstream Tube Assy AS10004 Breathing Tube AS10001 Air Supply Hose
136	Racal	AH32	AS-917 Helmet & Faceshield Assy AS10022 Vorstream Tube Assy AS10004 Breathing Tube AS10001 Air Supply Hose
137	Racal	AC30	30-00-03 or 30-00-06 aircrown assembly AS910 belt AS11040 flowstream valve assembly-alt. AS10148 breathing tube assembly AS10200 or AS10001 Air Supply Hoses
138	Racal	AC32	30-00-03 or 30-00-06 aircrown assembly AS10023 Leather Pad AS10024 Vorstream Tube AS10025 Nylon Belt AS10148 breathing tube assembly AS10200 or AS10001 Air Supply Hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
139	Racal	AC38	AS10052 Airpath and Faceshield assy. AS10023 Leather Pad AS11034 Cold Stream Tube AS10025 Nylon Belt AS1004-2 Breathing Tube AS1001 Air Supply Hose
140	NPO	SAR 100NH-AY/BY/ CY/C-1Y/DY SAR 100NH-AB/BB/ CB/C-1B/DB SAR 100NH-AC/BC/ CC/C-1C/DC SAR 101H-AG/BG/CG C-1G/DG SAR 101H-AR/BR/ CR/C-1R/DR, SAR 102H-AY/BY/CY C-1Y/DY SAR 102H-AB/BB/ CB/C-1B/DB SAR 102H-AC/BC/CC C-1C/DC SAR 100NH-AG/BG/ CG/C-1G/DG SAR 100NH-AR/BR/CR C-1R/DR SAR 101H-AY/BY/CY C-1Y/DY SAR 101H-AB/BB/CB C-1B/DB SAR 101H-AC/BC/CC C-1C/DC SAR 102H-AG/BC/CG/ C-1G/DG SAR 102H-AR/BR/CR C-1R/DR	SAR 220 HAY, G, B, R, C, SAR 221 HAY, G, B, R, C, SAR 222 HAY, G, B, R, C, Hood Assembly; RP220 HPY/HPC, RP221 HPY/RP221 HPC, RP222 HPY/HPC Headpiece Assembly; RP240 CA/A Inner and Outer Cape Assembly; SAR 300 AD Air Distribution Assembly; SAR 400 BA Belt Assembly; and, 510AL, 511AL, 512AL, 525AL Supplied Air Hose Assembly. These parts are to be marked with the indicated numbers in a legible and permanent manner marking cannot be removed without evidence of its previous presence

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
140	NP0	SAR 100NH-1AY/AG/AB/ AR/AC SAR 100NH-1C-1Y/1G/ 1B/1R/1C SAR 100NH-1BY/BG/BB/ BR/BC SAR 100NH-1CY/CG/CB/ CR/CC SAR 100NH-1DY/DG/DB/ DR/DC SAR 101H-1AY/AG/AB/ AR/AC SAR 101H-1BY/BG/BB/ BR/BC SAR 101H-1CY/CG/CB/ CR/CC SAR 101H-1C-1Y/1G/1B/ 1R/1C SAR 101H-1DY/DG/DB/ DR/DC SAR 102H-1AY/AG/AB/ AR/AC SAR 102H-1BY/BG/BB/ BR/BC SAR 102H-1CY/CG/CB/ CR/CC SAR 102H-1C-1Y/1G/1B/ 1R/1C SAR 102H-1DY/DG/DB/ DR/DC	SAR 220 HA-1Y/G/B/R/C, SAR-221 HA-1Y/G/B/R/C, SAR-222 HA-1Y/G/B/R/C Hood Assembly; RP220 HPY/HPC, RP221 HPY/RP221 HPC, RP222 HPY/HPC Headpiece Assembly; RP240 CA/A Inner and Outer Cape Assembly; SAR 300 AD Air Distribution Assembly; SAR 400 BA Belt Assembly; and, 510AL, 511AL, 512AL, 525AL Supplied Air Hose Assembly. These parts are to be marked with the indicated numbers in a legible and permanent manner marking cannot be removed without evidence of its previous presence

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
140	NPO	SAR 102H-2AY/AG/AB/ AR/AC SAR 102H-2BY/BG/BB/ BR/BC SAR 102H-2CY/CG/CB/ CR/CC SAR 102H-2C-1Y/1G/1B/ 1R/1C SAR 101H-2AY/AG/AB/ AR/AC SAR 101H-2BY/BG/BB/ BR/BC SAR 101H-2CY/CG/CB/ CR/CC SAR 101H-2C-1Y/1G/1B/ 1R/1C SAR 100NH-2AY/AG/AB/ AR/AC SAR 100NH-2BY/BG/BB/ BR/BC SAR 100NH-2CY/CG/CB/ CR/CC SAR 100NH-2C-1Y/1G/1B/ 1R/1C SAR 100NH-2DY/DG/DB/ DR/DC SAR 101H-2DY/DG/DB/DR/ DC SAR 102H-2DY/DG/DB/ DR/DC	SAR 220 HA-2Y/G/B/R/C, SAR-221 HA-2Y/G/B/R/C, SAR-222 HA-2Y/G/B/R/C Hood Assembly; RP222 HPY/HPC, RP221 HPY/RP221 HPC, RP222 HPY/HPC Headpiece Assembly; RP240 CA/A Inner and Outer Cape Assembly; SAR 300 AD Air Distribution Assembly; SAR 400 BA Belt Assembly; and, 510AL, 511AL, 512AL, 525AL Supplied Air Hose Assembly. These parts are to be marked with the indicated numbers in a legible and permanent manner marking cannot be removed without evidence of its previous presence
141	Racal	AT-30	AS11032 hood AS910 standard belt AS11023 AT headband AS11043 breathing tube AS11044 noise diffuser assembly AS11040 flowstream valve assembly AS10200 or AS10001 hose assembly

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
142	Racal	AT-32	AS11032 hood AS11023AT headband AS11042 breathing tube AS11045 noise diffuser assembly AS10022 vorstream and tube assembly AS10200 or AS10001 hose assembly
143	Racal	AT-38	AS110342 hood AS11023 AT headband AS11043 breathing tube AS11044 noise diffuser assembly AS10200 or AS10001 hose assembly
144	Mohawk	1010 1020	2010 Hood (10" dia.) and breathing tube assembly 2020 Hood (12" dia.) and breathing tube assembly 5010 Airline (50 feet) 5020 Airline (100 feet)
145	Willson	1915 1915A/B/C/D	R726P facepiece R753 regulator assembly R729 airline belt assembly R814 or R714 air supply hose
146	Willson	1950 1960 1950A/B/C/D 1960A/B/C/D	R754 or R757 facepiece assembly R756 regulator assembly R729 airline belt assembly R814 or R714 air supply hose
147	Racal	AH38	AS901 helmet/adaptor plate assembly AS10001 hose AS10148 breathing tube AS10025 nylon belt AS10034 Coldstream Tube

* Denotes obsolete or unavailable

Table 11-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
148	MSA	466033	467024 blower 46702 or 467818 case 457168 breathing tube 467025 harness 17273 hose 7-203-1, 7-203-2, 7-203-3 facepiece
149	Draeger	4059104 to 4059111 4059081 to 4059107	R50092 positive pressure full mask or R51350 silicone facepiece 4059071, 4059072, 4059073 or 4059075 regulator quick disconnect 4059061, 4059062 or 4509063 airline hose, 4059306 welding shield (accessory).
150	MSA	471518, 471519	5-390-1 or 5-391-1 hood 471520 connecting hose 471498 belt 4-336-1 plug and socket assembly 471511, 471512 or 471513 PVC hose and/or 455020, 455021 or 455022 neoprene hose or 474043 nylon hose
151	MSA	471514, 471515	5-390-1 or 5-391-1 hood 471496 connecting hose 471498 belt 5-398-1 valve assembly or 5-396-1 connector 471511, 471512 or 471513 PVC hose and/or 474043 nylon hose 455020, 455021 or 455022 neoprene hose
152	MSA	471516, 471517	5-390-1 or 5-391-1 hood 471496 connecting hose 471498 belt 5-397-1 valve assembly or 5-396-1 connector 471511, 471512 or 471513 PVC hose and/or 455020, 455021 or 455022 neoprene hose
153	Racal	AH39	AS901-17 welding helmet/adaptor plate assembly AS10001 hose AS10191 breathing tube AS10025 nylon belt AS10034 cold stream tube

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
154	Bullard	CC20	20-T hood V-30 air-control system with 10 feet of V-10 hose; V-30, V-31, V-32, V-33 air control systems with 25-300 of V-10 hose(s) or V-35 air control system with 100-300 feet of V-20 hose(s)
155	Bullard	FAM FAM-B	FAM or FAM-B respirator assembly with 50 to 300 feet of V-20 hose(s)
156	AGA	Spiroline 900	336 890 018 mask 336 890 030 harness 336 980 009 25 foot hose 336 980 010 50 foot hose 336 980 011 100 foot hose
157	3M	W-366-25/50/100	7400 facepiece assembly W-3061 air regulating valve W-9435 air supply hose 7-212-1, 7-212-2, 7-212-3, 7-239-1, 7-438-2, 7-438-3 7-439-1, 7-439-2 or 7-439-3 facepiece 457158 breathing tube 4-437-1 regulator assembly 9961 or 473902 belt 78362 harness 474043, 455021, 455022, 471512, 471513 hose
158	MSA	473998 474020 473464 473457 475209 thru 475224	
159	MSA	474184	449681 hood 455021 or 455022 air supply hose 5-397-1 or 5-395-1 valve 9961 or 473902 belt 78362 harness 474043, 455021, 455022, 471512, 471513 hose

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
160	Lancos	LI520Y-HA, SC, -ST LI520B-HA, SC, -ST LI520G-HA, SC, -ST LI520R-HA, SC, -ST	LI520 series (Y-HA, Y-SC, Y-ST, B-HA, B-SC, B-ST, G-HA, G-SC G-ST, R-HA, R-SC, R-ST hoods and LI520-6 belt with corresponding 500 series (HA-SC or ST) Airline hose one length LI525BCH or LI525YCH (-HA, -SC or -ST) cord hose may be substituted for one length of 500 series hose 9961 or 473902 belt 468724 or 468725 hood (includes 468705 collar (accessory) 7-410-1, 7-410-2, 7-410-3, 7-434-1, 7-434-2, or 7-434-3 fcp. 470734 breathing tube 5-434-1 lens cartridge 5-396-1 or 5-398-1 valve connector 471511, 471512, 471513, 455020, 455021, 455022, 474043 air supply hose; 469595 cartridge holder w/ 459322 or 459315 cartridge access. 9961 or 473902 belt 468724 or 468725 hood (includes 468705 collar (accessory) 7-410-1, 7-410-2, 7-410-3, 7-434-1, 7-434-2, or 7-434-3 fcp. 470734 breathing tube 5-434-1 lens cartridge 5-397-1 or 5-395-1 valve connector 471511, 471512, 471513, 455020, 455021, 455022, 474043 air supply hose; 469595 cartridge holder w/ 459322 or 459315 cartridge access.
161	MSA	466716 473297 468720 473299	
162	MSA	468718, 473298 468722, 473300	
163	3M	W-356-25/50/100 W-357-25/50/100 W-358-25/50/100 W-360-25/50/100 W-361-25/50/100 W-362-25/50/100 W-364-25/50/100 W-374-25/50/100 W-375-25/50/100	W-3021, W50038A, W5005, W2810, W2860 hardcap or W2975 airhat and a W3018, W5114, W2866 breathing tube and a W3020 air supply hose - Type CE W-5006 CA helmet and a 3018 low pressure belt or W-2985 airhat and clip, W5114 breathing tube, W3020 air supply hose W-3082 hood W-5114 breathing tube W-2934 self storing hose W-2863 vortemp

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
164	U.S.D. Corp.	9850-25	9850-38 flow control assembly 9850-24 facepiece assembly 9850-29 hose assembly 9850-36 waist belt assembly 9304 series air supply hose
165	U.S.D. Corp.	9850-40	9850-37 flow control assembly 9850-24 facepiece assembly 9850-29 hose assembly 9850-35 waist belt assembly 9304 series air supply hose
166	Willson	4000A/B/C/D	R799 hood R8901 mounting strap HC429 suspension R729 belt R800 hose assembly R714 or R814 air supply hose
167	Globe	2939-1 2939-2 2939-3 2939-4	2941-1 or 2941-2 facepiece and PD valve; 1461-2 waist belt; 1947-2 airline fitting w/1850-25 or 1850-50 or 1850-100 air supply hose or 1947-5 airline fitting w/1860-25 and/or 1860-50 and or 1860-100 and/or 1860-200 air supply hose assemblies
168	Binks	40-360, 40-370 40-380, 40-390	40-350-77, 40-350-88, 40-350-99, 40-350-111, 40-350-122, 40-350-133, 40-350-177, 40-350-188, 40-350-199, 40-350-211, 40-350-222 or 40-350-233 facepiece; 40-350-55 breathing tube and valve connector assy. 40-156 or 40-317 belt and 40-139, 40-154, 40-155, 40-318, 40-371, 40-372 or 30-373 air supply hose.
169	Binks	40-340, 40-395	40-350-144, 40-350-155, 40-350-166, 40-350-233, 40-350-255 or 40-350-266 facepiece, 40-158 breathing tube, 40-350-66 regulator 40-156 or 40-317 belt and 40-139, 40-154, 40-155, 40-318, 40-371, 40-372 or 40-373 air supply hose.

19C

* Denotes obsolete or unavailable

Table II-3. Supplied-air respirators component parts, by approval number.

Approval number IC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
170	E.D. Bullard	M-30/31/32/33 M-30V/31V/32V/33V	Type C: M-30, M-32, M-33, M-35 or M-30V, M-31V, M-32V, M-33V, full face respirator; 46-12 volt, 10-300 feet V-10 hose(s) or 50 to 300 feet V-20 hose(s). Type CE: parts per Type C above plus BC, BCC, PC or PCC cape, BW box windows, 11-GLI, 77-5G2-P, or 775G-3-P lens, 77-5C-6 screen.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
132	3M	8710 6983 8550	8710, 6983, or 8550, respirator assembly.
133	MSA	459440, 466252 466530, 466253 466531, 466254	7-201-1, 7-201-2, 7-201-3 or 449703, facepiece. 459032, filter (TC-21C-133). 459027, filter covers.
134	MSA	459438 461011 465360 465936	7-201-1, 7-201-2, 7-201-3, 449703, 446486, or 466487 facepiece. 465311 or 459321, filters (TC-21C-134). For belt mounted, 7-202-1, 7-202-2, or 7-202-3 facepiece, breathing tube, and plenum assembly and 459321 filters
135	MSA	459439 461010 465361 465935	7-201-1, 7-201-2, 7-201-3, 449703, or 466486, facepiece. 465312 or 459322, filters (TC-21C-135). For belt mounted, 7-201-2, 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly and 459322 and 465312 filters.
136A	3M	W-250* W-252* W-254 W-255-Replaced by W-297 W-260-12 W-260-24 W-261-12 S*, M, L W-261-24 S*, M, L W-266-12 W-266-24 W-267 * W-278-12 W-278-24 W-289-12 W-289-24 W-290* W-295-12* W-295-24 W-297*	W-2031, filter. W-2009AA or W-2009AD, back pack harness, or W-2008, W-2008BA, or W-2008-24 machine mounting. W-5005, W-5003BA, W-5002, W-5201, W-2810, or W-2850, helmet. W-2851 or W-2875, softcap, or W-2860, hardhat/shroud. 9450, belt. W5108, W-2884, W-2877, W-2090, breathing tube.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number IC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
137	3M	W-349-12/24	W-2008-12/24 vehicle mount
			W-3021 extended hardcap
			W-2877 or W5108 breathing tube
138	MSA	W-350*	W-2009 backpack powered air respirator
			W-3021 extended hardcap
			W-2884 breathing tube
139	Willson	W-251* W-265-12 W-265-24 W-252	W-2031, filter.
			W-2090 or W5108, breathing tube.
			W-2009AD or W-2009AA, back pack harness.
140	Willson	1210, S1210, 1210R, S1210R 1210S, S1210S 1210SR, S1210SR 1210SS, S1210SS 1210SSS, S1210SSS	W-2008, W20088A, W-2008-24, machine mounting.
			W5006BA, sandblasting helmet.
			9450, belt.
141	Willson	1211, S1211 1211R, S1211R 1211S, S1211S 1211SR, S1211SR 1211SS, S1211SS 1211SSS, S1211SSS	96042, filter.
			96000 or 457344, facepiece.
			AR699, respirator component.
142	Willson	1210, S1210, 1210R, S1210R 1210S, S1210S 1210SR, S1210SR 1210SS, S1210SS 1210SSS, S1210SSS	R707, filter/cartridge holder assembly.
			R60, filter.
			R635, filter retainer.
143	Willson	1210, S1210, 1210R, S1210R 1210S, S1210S 1210SR, S1210SR 1210SS, S1210SS 1210SSS, S1210SSS	AR700 or AR700S, or SAR700 or SAR700S basic respirator assy.
			R10, filters.
			R682, filter retainers.
144	Willson	1211, S1211 1211R, S1211R 1211S, S1211S 1211SR, S1211SR 1211SS, S1211SS 1211SSS, S1211SSS	AR700 or AR700S, or SAR700 or SAR700S basic respirator assy.
			R11, filters.
			R682, filter retainers.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
142	Willson	1212, S1212 1212R, S1212R 1212S, S1212S 1212SR, S1212SR 1212SS, S1212SS 1212SSS, S1212SSS	AR700 or AR700S, or SAR700 or SAR700S basic respirator assy. R12, filters.
143	Willson	1400*	1400, respirator assembly.
144	A0	R5030, S5030 R4030, S4030 R6030, S6030	50206 or 50440 or 50442 or 50625 or 50635 or 50119 or 50141 basic respirator subassembly. 51062, filter covers. R30, filters.
147	A0	R1050	R1050, respirator assembly.
149	Scott	662-1 * 662-2 * 6150-0050 6150-1050 6150-2050 6155-0050 6155-1050 6155-2050 6160-0050 6160-1050 6160-2050 6170-0050, 6165-0050 6170-1050, 6165-1050 6170-2050, 6165-2050 6175-2050, 6175-0050 6175-1050	805, 742, 600100-00, 600100-01, 600121-01, 802167-01, or 802167-20 or 801450-40 facepiece assembly. 802240-01, harness and 802472-01 canister adapter with 604100-50, filter. 502-R, filter.
150	MSA	88479, 457117	96680, 7-203-1 or 7-203-2 or 7-203-3, or 7-223-1, or 95940, facepiece. 464807 or 88480, filter.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
151	North Safety	7506 * 7506M, 7706M 7506S, 7706S 7506L, 7706L	7500-30, 7500-30S, 7500-30M, 7500-30L or 7100-30S, 7700-30M or 7700 30L facepiece assembly, 7500-6, filter. 7500-14, filter cover. 7500-13, filter holders.
152	North Safety	7580S, 7780S 7580M, 7780M 7580L, 7780L 7580 *	7500-30 or 7500-30S, 7700-30S, 7500-30M, 7700-30M or 7500-30L 7700-306, facepiece assembly 7500-8, filter.
153	North Safety	7406L * 7406M	7400-30 or 7400-30M, facepiece assembly. 7400-6L, filter. 7400-14L, filter cover. 7400-13L, filter holder.
154	Sellstrom	315-F100	B222, respirator assembly. F100, filter.
154	Cover	1482-F100	B222, respirator assembly. F100, filter.
154	Safe-Tex	236-F100*	B222, respirator assembly. F100, filter.
154	Eastern	E-450	B222, respirator assembly. F100, filter.
155	MSA	460185 465937	7-204-1 7-204-2, 7-204-3 or 460560, facepiece. 459322 or 465312, filter.
156	MSA	461683	461683, facepiece. 457481, filter.
157	Pulmosan	C-264* 10045 10213 10234 10294	10768 respirator body assembly with either 10924, 10795, 10954, or 10792 face cushion C-264-8 filter adapter and cap. C-264-7 (TC-21C-157) filter.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
158	Pulmosan	C-263* 10042 10231	10768, body assembly. 10924, 10954, face cushion. C-263-7, filter.
159	MSA	460357	460357, facepiece. 457481, filter.
160	A0	R5057 * R6057 * R4057 *	50440, 50625, 50206, or 50119, basic respirator subassembly. R57, filter.
161	A0	R5056, S5056 R6056, S6056 R4056, S4056	50440 or 50442 or 50625 or 50119 or 50141 basic respirator subassembly, 50271 silicone facepiece. R56, filter.
162	A0	R8100 R2100 S8100	51294 or 50270, basic respirator sub-assembly. R100, filter.
163	Cesco	94R20 *	51347, filter cover. 94, facepiece assembly. R20, filter. 94R9, filter screen.
164	Glendale	GR1600 GR2000 GR4000 GR8000	F-160, F-200, F-400, or F-800 facepiece. F-10, filter. F-14, filter cover.
165	Pulmosan	L800* 10171 10174 10216 10297	10771 respirator body assembly with either 10924, 10954, 10795, or 10792 face cushion. C-264-7 (TC-21C-157) filter. L-800-8, filter cap.
166	A0	R2090N S2090N	50060 or 51460, basic respirator sub-assembly. R90N, filter. 51062, filter cover.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
167	Devilbiss	MSD-507	51461, basic respirator sub-assembly. MSD-508, filter. 51062, filter cover.
168	North Safety	75BP80L 75BP80M 75BP80 *	75BP30, 75BP30M, facepiece assembly. 7500-8, 7500-8F, 7500-8H, 7500-8S, or 7500-8SA (TC-21C-152), filters.
169	AO	R8156 *	51294 or 50270, basic respirator sub-assembly. R156, filter.
170	North Safety	7170	7170, respirator.
170A	North Safety	7170	7170, respirator. (single-use)
171	North Safety	7680 7680S 7680N * 7680SN *	7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-8, 7500-8F, 7500-8H, 7500-8S or 7500-8SA (TC-21C-152), filters. 7600-10, noseclip assembly.
172	Glendale	GR1500 GR1000 GR3000 GR9000	F-100, F-150, F-300, F-900 facepiece. F-10A, filter. F-14, filter cover.
173	3M	8800, 8530	8800 or 8530, respirator.
174	Binks	40-150*	40-150, respirator assembly.
175	North Safety	7100 7100V	7100-30, facepiece assembly. 7100-7 (TC-21C-175), filter.
176	3M	9900	9900, respirator.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
177	Scott	6412-0100* 64-D, 64E-D, 64M-D, 64ME-D 64S-D, 6411-2100* 64SE-D, 6411-3100* 6413-2100* 6413-3100* 6413-0100* 6423-0100* 6411-0100*, 6422-0100* 6421-0100*, 604035-00*	600131-03 or 600131-01, 600131-02 facepiece with 600109-00 or 600118-00, head straps, or 600126-00, facepiece assembly. 64134-00, filter holder. 64100-00 or 68214-01, filter retainer. 642-D, 64127-00 or 64172-01 (TC-21C-177), filter. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
178	Scott	604022-50 6411-0050*, 6412-0050* 6413-0050*, 6421-0050* 6422-0050*, 6423-0050* 6413-2050*, 6411-2050* 6411-3050*, 6413-3050* 64-H, 64E-H 64M-H, 64ME-H 64S-H, 64SE-H	600131-03 or 600131-01, facepiece with 600109-00 or 600118-00, head straps, or 600126-00, facepiece assembly. 642-H or 604412-50 (TC-21C-178), filter. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
179	Stewart-Warner 7932		391568 facepiece assembly 393060-12 filter cover 391660 (TC-21C-179) filters PI 159T58 filter holder
179	U.S. Safety	150T10 150L10	150L or 150, facepiece assembly. PI 159T58, filter holder. 159T59, filter cover. 158T10 (TC-21C-179), filter.
180	Northcott	70-451	391568 facepiece assembly PI 159T58 filter holder 393060-12 filter cover 70-433 (TC-21C-180) filter

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
180	Cesco	95RC15 95SMRC15	95SM OR 95, facepiece assembly. PIL59T58, filter holder. 95R8, filter cover. RC15 (TC-21C-180), filter.
181	MSA	462240 466212 468014, 468011 468012, 468013	7-202-1, 7-202-2, 2-202-3, facepiece, breathing tube and plenum assembly. 459032 (TC-21C-133), filter. 459027, filter cover.
182	Willson	1610 1710	AR1600 or AR1700, facepiece. R10 (TC-21C-140), filter. R785 nosecup (optional) R682, filter retainer.
183	Willson	1611 1711	AR1600 or AR1700, facepiece. R11 (TC-21C-141), filter. R785 nosecup (optional)
184	Willson	1612 1712	AR1600 or AR1700, facepiece. R12 (TC-21C-142), filter. R785 nosecup (optional)
186	MSA	463353 467964 463354 463355 466607 466608 467963	463352, 463246, 466356, 466496, 7-361-1, 7-361-2, 7-361-3, 7-250-1, 7-250-2, 7-250-3 467934, 467938, 467939, 467952, 467953 or 466498, facepiece. 463380, motor-blower and hose assembly. (alt. breathing tube 466909) 473382 or 463284 (TC-21C-186), filter. 463239, battery. 463469, belt, or 473902 PVC belt
187	MSA	461847 465938	7-204-1, 7-204-2, 7-204-3 facepiece. 459321 (TC-21C-134), filter.
188	MSA	461845, 471730 466242, 471731 466243	7-204-1, 7-204-2, 7-203-3 facepiece. 459032 (TC-21C-133), filter. 459027, filter cover.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
189	Glendale	GR-1626 GR-2026 GR-4026 GR-8026	F-160, F-200, F-400, or F-800 facepiece. C-26 (TC-21C-189), filter.
190	3M	9910	9910 (TC-21C-190), respirator.
191	North Safety	7606 7606S 7606N * 7606SN *	N7500-6 (TC-21C-151) filter N7500-27 filter cover N7500-13 filter holders 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-6 (TC-21C-151), filters. 7500-14, filter covers. 7500-13, filter holder.
193	U.S. Safety	150T11 *	150 facepiece assembly, 158T11 (TC-21C-193) filters.
194	Cesco	95RC16 *	95 facepiece assembly, RC16 (TC-21C-194), filters.
195	Glendale	SU-1 or GR500	SU-1 or GR-500, respirator.
196	Cover	1482-F108	B222, respirator. F108 (TC-21C-196), filter. B205, filter retainer.
196	Eastern	E456	B222, respirator. F108 (TC-21C-196), filter. B205, filter retainer.
196	Sellstrom	315-F108	B222, respirator. F108 (TC-21C-196), filter. B205, filter retainer.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
197	Racal	AH5	AS2, helmet assembly. AS938 or AS5-3, visor surround with AS75-3, visor. AS117 or AS118, face seals. AS119, temple seals. AS4-3, motor assembly. AS3 or AS3-15, battery pack. AS23-3 (TC-21C-197), main filter. AS22-3 (TC-21C-197), pre filter.
198	Scott	6470-0100* 6480-0100* 65-D 65S-D	802167-01 or 802167-20, facepiece assembly. w/802240-01, harness. 802451-01, adapter assembly. 64172-01 (TC-21C-177), filters. 642-D or 68215-01, filter retainer. 803181 nosecup assembly (optional) 60158-00 lens preparation (optional)
199	Scott	6422-0050* 6480-0050* 65-H 65S-H	802167-01 or 802167-20 facepiece assembly. w/802240-01, harness. 802451-01, adapter assembly. 642-H or 804412-50 or 604412-50 (TC-21C-178), filters. 803181 nosecup assembly (optional) 60158-00 lens preparation (optional)
200	MSA	466095 466096	7-203-1, 7-203-2, 7-203-3, or 7-223-1, facepiece. 456651 or 457158, breathing tube assembly. 471533, 469869, 466076, 466058 or 466077, duo flow adapter. 464807 or 88480, filter. 9961, belt. 455021 or 455022, hose.
201	MSA	466097 466098 466603	7-250-1, 7-250-2, 7-250-3, 466497, or 466498, facepiece. 456651 or 457158, breathing tube assembly. 471533, 469869, 466076, 466058 or 466077, duo flow adapter. 464807 or 88480, filter. 9961, belt or 473902 PVC belt. 455021 or 455022, hose.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
202	3M	9920	9920, respirator.
203	North Safety	7507 * 7507S, 7707S 7507M, 7707M 7507L, 7707L	7500-30S or 7500-30L facepiece 7500-30 or 7500-30M, 7700-30S, 7700-30M, 7700-30L half mask assembly. N7500-07 or 7500-7 (TC-21C-203), filters. N7500-27 fit check/filter covers (optional)
204	North Safety	758P07 * 758P07M 758P07L	758P-30 or 758P-30M, facepiece assembly. N7500-7 or 7500-7 (TC-21C-203), filters. N7500-27 fit check/filter covers (optional)
205	North Safety	7607 7607S 7607N * 7607SN *	7608, 7608S, 7608N, 7608SN, full facepiece assembly. N7500-7 or 7500-7 (TC-21C-203), filters. N7500-27 fit check/filter covers (optional)
206	MSA	467010	453250, facepiece assembly. 467011 (TC-21C-206), filters.
207	A0	R7030 S7030	50638 or 51512, full facepiece assembly. 50639 nose cup (optional) R30 (TC-21C-144/145), filter. R38, filter cover.
208	A0	R7057 *	51512, full facepiece assembly. 51504 nose cup (optional) R57 (TC-21C-160), filters.
209	Scott	6411-0300* 64F, 6413-0300* 64E-F, 6423-0300* 64M-F, 6421-0300* 64ME-F, 6412-0300* 64S-F, 6422-0300* 64SE-F	600131-01 or 600131-03, facepiece. 600109-00 or 600118-00, head harness. 68246-01 (TC-21C-209), filters. 68214-01, filter holders. 642-F or 68247-01, filter retainers.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
210	Scott	6470-0300 65-F, 6480-0300 65S-F	802167-01 or 802167-20, facepiece assembly. 802240-01, harness assembly. 802451-01, adapter assembly. 68214-01, filter holders. 68246-01 (TC-21C-209), filters. 642-F or 68247-01, filter retainers. 803181 nosecup assembly (optional) 60158 lens preparation (optional)
211	Racal	AH15 AH21	AS2, helmet assembly. AS5-3 or AS938, visor surround. AS 75-3, visor. AS 117 or AS 118, face seal. AS 119, temple seal. AS 4-3, motor assembly. AS 3-15, battery pack. AS 23-3 (TC-21C-197), main filter. AS 22-3 (TC-21C-197), prefilter.
212	Racal	AH3 AH3-1 AH17 AH17-1	AS 901 or AS 901-17, helmet/adaptor plate assembly AS 902 or 902-1 main housing assembly. AS 904, AS 904-1 battery pack assembly. AS 908 hose (breathing tube) or AS10408 extended breathing tube, AS 905, filter. AS 9010 belt.
213	MSA	467559	467560, facepiece 467011 (TC-21C-206), filter.
214	Willson	1410	1410, respirator.
215	Binks	40-145	40-145, respirator.
216	Cesco	96RCL5	96, full facepiece assembly. RCL5 (TC-21C-180), filters. PI 159158, filter holders. 95R8, filter covers.

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
217	U.S. Safety Service	151110	151, full facepiece assembly. 158T10 (TC-21C-179), filters. PI 159T58, filter holders. 159T59, filter covers.
218	Cesco	96RC16 *	96, full facepiece assembly. RC-16 (TC-21C-194), filters.
219	U.S. Safety Service	151111 *	151, full facepiece assembly. 158T11 (TC-21C-193), filters.
220	MSA	467541	467541 (TC-21C-220), respirator
221	Pulmosan	10303 10309 10306 10312	17299 respirator body assembly with either 10792, 10924, 10954, or 10795 face cushion C-264-7 (TC-21C-157) filter L800-8 filter retainer
222	Willson	1213, 1213S, 1213SR S1213R, 1213R, S1213, 1213S, 1213SS S1213SR, S1213SS, 1213SS, S1213S	AR700 or AR700S, SAR700S or SAR 700 facepiece R13 (TC-23C-52) filters R785 noseclip (optional)
223	Willson	1613, 1713	AR1600 or AR1700 facepiece R13 (TC-23C-52) filters R785 noseclip (optional)
224	3M	9906	9906 Respirator Assembly
225	3M	W-316 W-343	W-2940 helmet assembly or W-2990 miners helmet W-2954 battery pack assembly W-2953 (TC-21C-225) filter W-3157 or W-2951 prefilter W-2963 belt W-2933 battery charger

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
226	Cesco	95RC18 95SMRC18	95SM or 95 facepiece RC18 (TC-21C-226) filters 14494 prefilter (optional) 14873 retainer (optional)
227	Cesco	96RC18	96 facepiece RC18 (TC-21C-226) filters 14494 prefilter (optional) 14873 retainer (optional)
228	U.S. Safety	150T12 150L12	150L or 150 facepiece 158T12 (TC-21C-228) filters 14494 prefilter (optional) 14873 retainer (optional)
229	U.S. Safety	151T12	151 facepiece 158T12 (TC-21C-228) filters 14494 prefilter (optional) 14873 retainer (optional)
230	A0	R7056 S7056	50638 or 50639 facepiece 51504 nose cup (optional) R56 (TC-21C-161) filters
231	H.S. Cover	1482-G108	B222 facepiece G108 (TC-21C-231) filters
232	SurvivAir Div. USD Corp.	2210-00 2110-00 2310-00	2200-01, 2200-00, 2100-00 facepiece 1400-54 filter retainer, 1010-00 (TC-21C-232) filters, 1400-55 or 1400-77 filter retainers.
233	3M	9908	9908 respirator
234	3M	9913	9913 respirator

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
235	3M	W-325*	W-2980 helmet, W-2953 (TC-21C-225) filter, W-2951 pre-filter, W-2963 belt, W2954 battery pack and W2933 battery charger
236	SurvivAir Div. USD Corp.	2230-00 2330-00 2130-00	2200-01, 2300-00 or 2100-00 facepiece 1400-54 filter holder, 1030-00 (TC-21C-236) filters, 1400-55 filter retainers
237	Racal	AC3	AS902-1 Main Housing Assy AS904-1 Battery Pack AS910 Belt Assy AS905 (TC-21C-212) Filter Assy AS908 Hose 30-00-03 or 30-00-06 aircrown assembly
238	Glendale	GR555	GR555 Respirator
239	3M	9940	9940 Respirator
240	U.S. Safety	150T15 150L15	150L or 150 half mask facepiece 158T15 (TC-21C-240) filters PI 159T58 filter holders 14876 filter retainers or 159T59 filter covers
241	Cesco	95RC19 95SMRC19	95SM or 95 half mask facepiece RC19 (TC-21C-241) filters PI 159T58 filter holders 141876 filter retainers or 95R8 filter covers
242	U.S. Safety	151T15	151 full facepiece 158T15 (TC-21C-240) filters PI 159T58 filter holders 14876 filter retainers or 159T59 filter covers

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
243	Cesco	96RC19	96 full facepiece RC19 (TC-21C-241) filters PI 159T58 filter holders 14876 filter retainers or 95R8 filter covers
244	SurvivAir Div. USD Corp.	2190-00 2290-00 2390-00	2100-00, 2200-00 or 2300-00 half mask assembly 1090-00 (TC-21C-244) filters
245	SurvivAir Div. USD Corp.	3290-00	3200-00 full facepiece 9413-00-00 nose cup (optional) 1090-00 (TC-21C-244) filters
246	3M	W-344	W3003 filter (TC-21C-246) W2995 helmet assembly W2954 battery pack W2963 belt W2933 battery charger
247	3M	9901 6982	9901 or 6982 (TC-21C-247) respirator
248	Sellstrom	315-G108	B222 facepiece assembly G108 (TC-21C-248) filters
249	A0	R4057A, S4057A R5057A, S5057A R6057A, S6057A	50440 or 50442 or 50119 or 50141 or 50625 or 50635 basic half mask assembly R57A (TC-21C-249) filters
250	A0	R7057A S7057A	50638 or 50639 basic full facepiece respirator 51504 nosecup (optional) R57A (TC-21C-249) filter cartridges
251	North Safety	10030S 10030M	10030S or 10030M (TC-21C-251) respirator 10070 fit check/filter cover (optional) 10071 inhalation valve system (optional)

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
252	Neoterik	AB3 HH3	Breezer AB3 with NM007 head and face cover or Breezer HH3 with NM002 or NM022-1 hardhat, head and face cover and NM021 airflow module assembly NP1015 special clamp NP1035 HIF seal NP1010 voltage convertor NP1046 support strap NP1047 screen NP1051 life extender NP1051 life extender NP1036 seal protector NP1050 HEPA (TC-21C-252) filter
253	Willson	3010, S3010 3010R, S3010R 3010S, S3010S 3010SR, S3010SR 3010SS, S3010SS 3010SSS, S3010SSS	AR700-B or AR700S-B SAR700 or SAR700S-B facepiece assembly R760 blower assembly R10 (TC-21C-140) filters R682 filter retainers
254	Willson	3110 3210	AR-1 or AR-2 full facepiece assembly R760 blower assembly, R785 noseclip (optional) R10 (TC-21C-140) filters R682 filter retainers
255	Willson	3011, S3011 3011R, S3011R 3011S, S3011S 3011SR, S3011SR 3011SS, S3011SS 3011SSS, S3011SSS	AR700-B or AR700S-B, SAR700-B or SAR700S-B facepiece assy R760 blower assembly R11 (TC-21C-141) filters
256	Willson	3111 3211	AR-1 or AR-2 full facepiece assembly R760 blower assembly, R785 noseclip (optional) R11 (TC-21C-141) filters

* Denotes obsolete or unavailable

Table 11-4. Dust, fume, and mist respirators component parts, by approval number

Approval number IC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
257	Willson	3012, S3012 3012R, S3012R 3012S, S3012S 3012SR, S3012SR 3012SS, S3012SS 3012SSS, S3012SSS	AR-700-B or AR700S-B or SAR700-B or SAR700S-B facepiece assembly, R760 blower assembly RI2 (IC-21C-142) filters
258	Willson	3112 3212	AR-1 or AR-2 full facepiece assembly R760 blower assembly, F785 nose cup (optional) RI2 (IC-21C-142) filters
259	Willson	3013, S3013 3013R, S3013R 3013S, S3013S 3013SR, S3013SR 3013SS, S3013SS 3013SSS, S3013SSS	AR700-B or SAR700-B, or SAR700S-B AR700S-B facepiece R760 blower assembly RI3 (IC-23C-52) filters
260	Willson	3113, 3213	AR-1 or AR-2 full facepiece A785 nose cup (optional) R760 blower assembly RI3 (IC-23C-52) filters
261	Glendale	GR7000	F-700 full facepiece assembly GF-17 nose cup (optional) F-10 (IC-21C-164) filters F-14 filter covers F-700 full facepiece CF-17 nose cup (optional) C-26 (IC-21C-186) filters
262	Glendale	GR7026	
263	Neoterik	AB4, HH4	NM007 soft-top head and face cover or NM022 or NM022-1 hard hat head and face cover NM033 airflow module assembly NP1050 (IC-21C-252) HEPA filter NP1051 life extender NP1047 retaining screen NP1036 HIF seal protector NP1015 special clamp NM027 battery system

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
263 Cont.		VB4, VH4	NM007 soft-top head and face cover or NM022 hart hat head and face cover NM033 airflow module assembly NP1050 (TC-21C-252) HEPA filter NP1051 life extender NP1047 retaining screen NP1036 HIF seal protector NP1015 special clamp NP1048 support belt NP1076 support strap NP1073 vehicle adapter cable
		SB4, SH4	NM007 soft-top head and face cover or NM022 hart hat head and face cover NM033 airflow module assembly NP1050 (TC-21C-252) HEPA filter NP1051 life extender NP1047 retaining screen NP1036 HIF seal protector NP1015 special clamp NM027 battery system NP1076 support strap NP1074 AC adapter cable fitted NP1010 voltage convertor
264	A0	R1070	R1070 respirator
265	3M	7206	7300 or 7200 facepiece assembly 7255 (TC-21C-265) filters 7288 retainers
266	A0	R2090AN S2090AN	50045 or 50061 basic respirator assembly R90AN (TC-21C-266) filter 51509 filter cover
267	Devilbiss	MSD-512	50047 basic respirator assembly MSO-409 (TC-21C-267) filter 51344 filter cover

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
268	A0	R4050W, S4050W R5050W, S5050W R6050W, S6050W	50421 or 51625, 50290 or 51725, 50618 or 51825 basic respirator assembly R50 (TC-21C-268) filters 51063 filter covers
269	Neoterik	GEE, GET	GM007 Soft Top or GM035 Hard hat head and face cover GM061 airflow module GP1015 special clamp GP1163 (TC-21C-269) HEPA filter GP1162 Life extender GP1047 retaining screen GP1165 HIFI Seal Protector GP1089 Battery Pack GP1088 Decon Cover GP1166 support assembly GP1169 belt
		GVT, GVE	GM007 Soft Top or GM035 Hard hat head and face cover GM061 airflow module GP1015 special clamp GP1163 (TC-21C-269) HEPA filter GP1162 Life extender GP1047 retaining screen GP1165 HIFI Seal Protector GP1073 Vehicle adaptor cable GP1088 Decon Cover GP1166 support assembly GP1169 belt

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
269 Cont.		GST, GSE	GM007 Soft Top or GM035 Hard hat head and face cover GM061 airflow module GP1015 special clamp GP1163 (TC-21C-269) HEPA filter GP1162 Life extender GP1047 retaining screen GP1165 HIFI Seal Protector GP1073 A/C adaptor cable GP1088 Decon Cover GP1166 support assembly GP1169 belt
270	Neoterik	AB10, HH10	NM007 Soft Top or NM022-1 hard hat head and face cover NM008 airflow module NP1015 special clamp NP1050 (TC-21C-252) HEPA filter NP1051 life extender NP1047 retaining screen NP1036 HIFI seal protector NP1176 battery pack NP1086 support assembly NP1085 belt
		VB10, VH10	NM007 Soft Top or NM022-1 hard hat head and face cover NM008 airflow module NP1015 special clamp NP1050 (TC-21C-252) HEPA filter NP1051 life extender NP1047 retaining screen NP1036 HIFI seal protector NP1173 vehicle adaptor NP1104 support assembly NP1085 belt

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
270	Con't.	SB10, SH10	NM007 Soft Top or NM022-1 hard hat head and face cover NM008 airflow module NP1015 special clamp NP1050 (TC-21C-252) HEPA filter NP1051 life extender NP1047 retaining screen NP1036 HIFI seal protector NP1174 A/C adaptor cable NP1104 support assembly NP1085 belt
271	Gerson	1710	1710 (TC-21C-271) respirator
272	MSA	472753 472762	7-423-1, 7-423-2, or 7-423-3 facepiece, breathing tubes and plenum assembly, 459322 or 465312 (TC-21C-135) filter.
273	MSA	472754 472763	7-423-1, 7-423-2, or 7-423-3 facepiece, breathing tubes and plenum assembly, 465311 or 459321 (TC-21C-134) filter.
274	MSA	472785 472787 472783	7-423-1, 7-423-2, or 7-423-3 facepiece, breathing tubes and plenum assembly, 459032 (TC-21C-133) filter. 459027 filter covers.
275	Racal	BE 1/P3	60-01-61 helmet assembly 22-01-02 turbo unit 60-03-09 battery or AS10462 vehicle adapter AS908 breathing tube RAS1900 hose clamp 22-25-00 belt 22-10-31 (TC-21C-275) filters AS10373 harness assembly

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
276	Racal	BE 3/P3 BE 7/P3	55-01-04 or 57-01-04 full facepiece or 55-20-01 breathing tube 22-01-02 turbo unit 60-03-09 battery or AS10462 vehicle adapter RAS1900 hose clamp 22-25-00 belt 22-10-31 (TC-21C-275) filters AS10465 AS10373 harness assembly
277	Racal	BE 5/P3	35-10-00 hood assembly or 65-53-02 breathing tube 22-01-02 turbo unit 60-03-09 battery or AS10462 vehicle adapter RAS1900 hose clamp 22-25-00 belt 22-10-31 (TC-21C-275) filters AS10465 AS10373 harness assembly
278	Racal	BE 6/P3	35-00-03 or 30-00-06 crown assembly AS908 breathing tube or AS10408 22-01-02 turbo unit 60-03-09 battery or AS10462 vehicle adapter RAS1900 hose clamp 22-25-00 belt 22-10-31 (TC-21C-275) filters AS10464 visor overlay AS10373 harness assembly
279	3M	9915	9915 (TC-21C-279) respirator
280	U.S.D. Corp.	2140-00 2240-00 2340-00	2100-00, 2200-00, or 2300-00 half mask 1040-00 (TC-21C-280) filter 1400-75 filter holder 1400-77 filter retainer

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
281	Pulmosan	10432	10906 full facepiece C-263-7 (TC-21C-158) filters
282	Pulmosan	10435	10906 full facepiece C-264-7 (TC-21C-157) C-264-8 filter adapter and cap.
283	Pirelli	4333.2017	4333.1000 6607 full facepiece 4338.3211 filter adapter 975.P3 (TC-21C-283) filter
284	Pirelli	4337.1100	4337.1110 polimask 100/975.P3 fcp. 975.P3 (TC-21C-283) filter
285	Neoterik	AB8, HH8 SB8, SH8 VB8, VH8	NP1198 welding facecover assembly or NP1172 welding hard hat assembly NM008 or NP1199 airflow module NP1015 special clamp NP1050 (TC-21C-252) HEPA filter NP1051 life extender NP1047 retaining screen NP1076HF seal protector NP1176 battery pack, NP1086 Support assembly and NP1085 belt (as Breezer AB8 and HH8) or NP1073 vehicle adapter cable NP1104 support assembly and NP1085 belt (Breezer VB8 and VH8) or NP1074 A/C adapter cable NP1104 support assembly and NP1085 belt (as Breeze SB8 and SH8)

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
286	Neoterik	AB7, HH7	NP1198 welding facecover assembly or NP1172 welding hard hats assembly or NP1172 assembly NM021 airflow module NP1015 special clamp NP1050 (TC-21C-252) HEPA Filter NP1051 life extender NP1047 retaining screen NP1036H/F Seal protector NP1104 support assembly NP1085 belt
287	Moldex/Metric	2200	2200 (TC-21C-287) respirator
288	Pirelli	4336.2027	4336.1006 polimask 100/2 facepiece 4340.5015 200/P2 (TC-21C-288) filter
289	3M	7218	7200 or 7300 halfmask facepiece 7256 (TC-23C-457) filter 7289 retainer
290	Cesco	AD15	AD15 (TC-21C-290) respirator
291	U.S. Safety	AD10	AD10 (TC-21C-291) respirator
292	Zee Med Prod.	2303	2303 (TC-21C-292) respirator
293	Safety Supply	Respair 200	Respair 200 (TC-21C-293) respirator
294	Neoterik	AB5, HH5	NM007, NM022, NP1581 or NP1591 Head and face cover NP1212 blower filter assembly NP1107 (TC-21C-294) filter NP1024 seal cover NP1015 special clamp NP1048 belt NP1288 adapter

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
295	Neoterik	AB6, HH6 SB6, SH6 VH6, VB6	NM007, NM022, NP1581 or NP1591 Head and face cover NP1212 blower filter assembly NP1107 (TC-21C-294) filter NP1024 seal cover NP1015 special clamp NP1207 or NP1214 battery AB6 and HH6 or NP1273 vehicle adapter cable with NP1202 adapter cable support (VB6 and VH6) or NP1074A AC adapter cable with NP1202 adapter cable support (SB6 and SH6)
296	American Op.	R8157A S8157A	50270 basic respirator subassembly R157A (TC-21C-296) filter 50271 silicone facepiece
297	American Op.	R4050AW, S4050AW R5050AW, S5050AW R6050AW, S6050AW	50421 or 51625, 50290 or 51725, 50618 or 51825 half mask assembly R50A (TC-21C-297) filter
298	Racal	DM1 BR, DM1 WR DM1 BL, DM1 WL DM1 BLU, DM1 WRU DM1 BLU, DM1 WLU	21-01-05 or 21-01-12 air filter unit 20-25-05 belt 21-14-00 airflow indicator 21-02-05 (TC-21C-298) filter 21-39-01 hose assembly 45-01-00, 45-01-01, 45-01-02 or 45-01-03, thrifty top and one of the following power sources: 500-05-031.2 volt - 4AH NiCd battery or AS4003 AC/DC power supply/charger or AS10278 vehicle adapter

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
299	Racal	DM 3-S DM 3-U	21-01-05 or 21-01-12 air filter unit 20-25-05 belt 21-14-00 air flow indicator 21-02-05 (TC-21C-298) filter 21-39-01 hose assembly AS10264 hardtop assembly and one of the following power sources: 500-05-031.2 volt - 4AH NiCd battery or AS4003 AC/DC power supply/charger or AS10278 vehicle adapter
300	Pirelli	4333.2027	4333.2010C 607 twin full facepiece 4340.5015 (TC-21C-288) 200/P2 filters
301	Safety Supply	F-160-F, F-200-F F-800-F	F-160, F-200, F-800 facepiece F (TC-21C-301) filter P3 filter covers
302	Safety Supply	F-700-F	F-700 full facepiece PF-6 noseclip (optional) F (TC-21C-301) filter P-3 filter covers
303	Safety Supply	F-200-MF, F-800-MF F-160-MF	F-160, F-200 or F-800 facepiece MF (TC-21C-303) filters
304	Safety Supply	F-700-MF	F-700 full facepiece PF-6 noseclip (optional) MF (TC-21C-303) filters
305	American Opt.	R4056A, S4056A R5056A, S5056A R6056A, S6056A	50440 or 50442 (small), 50119 or 50141 (medium) or 50625 or 50635 (large), basic respirator subassembly R56A (TC-21C-305) filter
306	American Opt.	R7056A, S7056A	50369 or 50368 basic respirator subassembly 51504 or 51500 noseclip (optional) R56A (TC-21C-305) filters

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
307	Willson	1510 1510R 1510SS	1500 facepiece R10 (TC-21C-140) filter R682 filter retainer
308	Willson	3510 3510R 3510SS	1500-B facepiece R760 blower assembly R10 (TC-21C-140) filter R682 filter retainer
309	Willson	1511, 1511R 1511SS	1500 facepiece R11 (TC-21C-141) filters
310	Willson	3511, 3511R 3511SS	1500-B facepiece R760 blower assembly R11 (TC-21C-141) filters
311	Willson	1513 1513R, 1513SS	1500 facepiece R13 (TC-23C-52) filter
312	Willson	3513, 3513R 3513SS	1500-B facepiece R760 blower assembly R13 (TC-23C-52) filters
313	Willson	1512, 1512R 1512SS	1500 facepiece R12 (TC-21C-142) filters
314	Willson	3512, 3512R 3512SS	1500-B facepiece R760 blower assembly R12 (TC-21C-142) filters
315	Air-Tek	AT-100	AT-100 (TC-21C-315) respirator
316	Draeger	4031013 4031015	R27420 or R28480 full facepiece and 4031008 (TC-21C-316) filter
317	MSA	475785	475785 respirator 475186 (TC-21C-317) filters

* Denotes obsolete or unavailable

Table II-4. Dust, fume, and mist respirators component parts, by approval number

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
318	3M	W425	W29808A helmet, W2953 (TC-21C-225) filter, W3157 prefilter W2954 battery pack, W2963 belt assy., W2933 battery charger
319	3M	W365	W3050 helmet, W3003 (TC-21C-246) filter, W2963 belt W2954 battery pack, W2933 battery charger
320	Gerson	NZ 1710	NZ1710 (TC-21C-320) Respirator
321	Racal	BE 17/P3	22-01-02 turbo unit, 60-03-09 battery pack or AS10462 vehicle adapter, AS908 or AS10408 breathing tube, RAS1900 hose clamp, 22-25-00 belt, AS901-17 welding helmet assembly, 22-10-31 (TC-21C-275) filter.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
40	MSA	459433 461005 460852	7-201-1, 7-201-2, 7-201-3, 449703, 466486, 466487, facepiece. 459315 (TC-23C-40), cartridges. For belt mounted: 7-202-1, 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly, and 459315 (TC-23C-40) cartridges. For dusts and mists add 459032 (TC-21C-133) filters and 459027 filter covers to above.
41	MSA	459434 461006	7-201-1, 7-201-2, 7-201-3, 449703, 466486, 466487, facepiece. 459316 (TC-23C-41), cartridges. For belt mounted: 7-202-1, 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly, and 459316 (TC-23C-41), cartridges. For dusts and mists, add 459032 (TC-21C-133) filters and 459027 filter covers to above.
43	MSA	459436 461008	7-201-1, 7-201-2, 7-201-3, 449703, 466486, 466487, facepiece. 459318 (TC-23C-43), cartridges. For belt mounted: 7-202-1, 7-202-2 or 7-202-3 facepiece, breathing tube and plenum assembly, and 459318 (TC-23C-43) cartridges. For dusts and mists, add 459032 (TC-21C-133) filters and 459027 filter covers to the above.
47	MSA	459435 461007	7-201-1, 7-201-2, 7-201-3, 449703, 466486, 466487, facepiece. 459317 (TC-23C-47), cartridges. For belt mounted: 7-202-1, 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly, and 459317 (TC-23C-47) cartridges. For dusts and mists, add 459032 (TC-21C-133) filters and 459027 filter covers to the above.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
49	Siebe-Norton	7501 * 7501S, 7701S 7501M, 7701M 7501L, 7701L	7500-30S, 7500-30L facepiece N7500-1, N7500-1P, N7500-1S, N7500-2SA (TC-23C-49) cartridges 7500-30 or 7500-30M, 7700-30S, 7700-30M, 7700-30L facepiece or 758P-30 or 758P-30M, facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges.
50	Willson	1221, 1221SS 1221S, 1221R 1221SR, 1221S 1221, 1221R 1221SR, 1221SS 1221SSS, 1221SS	AR700 or AR700S, SAR700 or SAR700S basic respirator assembly. R21 (TC-23C-50), cartridges.
51	Willson	122110, 122110R 122110S, 122110SS 122110SR, 122110SSS 122110R, 122110SS 122110, 122110S 122110SR, 122110SSS	AR700 or AR700S, SAR700 or SAR700S basic respirator assembly. R21 (TC-23C-50), cartridges. R10 (TC-21C-140), filters. R682, filter retainers.
52	Willson	122113, 122113SR 122113, 122113R 122113S, 122113SSS 122113SR, 122113SS 122113R, 122113SS 122113S, 122113SSS	AR700 or AR700S, or SAR700 or SAR700S basic respirator assembly. R21 (TC-23C-50), cartridges. R13 (TC-23C-52), filters.
54	Willson	122115, 122115SR 122115S, 122115R 122115SR, 122115SS 122115R, 122115SS 122115S, 122115SSS, 122115SSS, 122115	AR700 or AR700S, SAR700 or SAR700S basic respirator assembly. R21 (TC-23C-50), cartridges. R15 (TC-23C-54), filters. R683, filter retainers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
55	Scott	70-CL* (Replaced by IC-23C-492)	70-CL (IC-23C-55), respirator assembly.
56	A0	R5051 * R4051 * R6051	50206, 50440, 50119, 50625, basic respirator sub-assembly. R51 (IC-23C-56/57), cartridges.
59	Devilbiss	MSE-502 * MSE-502-1 *	50728 or 51342, basic respirator sub-assembly. MSE-506 (IC-23C-59), cartridges.
60	A0	R5052 * R4052 * R6052 *	50206, 50440, 50119 or 50625, basic respirator assembly. R52 (IC-23C-60), cartridges.
63	North Safety	7504 * 7504S, 7704S 7504M, 7704M 7504L, 7704L	7500-30 or 7500-30M, 7500-30S, 7500-30L facepiece, 7700-30S, 7700-30M or 7700-30L N7500-4, N7500-4F, N7500/4SA (IC-23C-63) cartridge 7500-4, 7500-4F, or 7500-4SA (IC-23C-63), cartridges.
64	North Safety	7514* 7514S, 7714S 7514M, 7714M 7514L, 7714L	7500-30 or 7500-30M, 7500-30S, 7500-30L 7700-30S, 7700-30M or 7700-30L facepiece assy. N7500-4, N7500-4F, N7500-4SA (IC-23C-63) cartridges 7500-4, 7500-4F, 7500-4SA (IC-23C-63), cartridges. 7500-6 (IC-21C-151) filters. 7500-14, filter covers.
65	North Safety	7503 * 7503S, 7703S 7503M, 7703M 7503L, 7703L	7500-30 or 7500-30M, 7500-30S, 7500-30L facepiece assembly, 7700-30S, 7700-30M or 7700-30L facepiece assembly N7500-2SA (IC-23C-65) cartridges N7500-3, N7500-3F, N7500-3, 7500-3, 7500-3F, 7500-3S, 7500-3SA (IC-23C-65) cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
66	North Safety	7513 * 7513S, 7713S 7513M, 7713M 7513L, 7713L	7500-30S, 7500-30L N7500-3 N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 7500-30 or 7500-30M, 7700-30S, 7700-30M or 7700-30L facepiece assembly 7500-3 (TC-23C-65), cartridges. 7500-6 (TC-21C-151) filters. 7500-14, filter covers.
70	Willson	1224, 1224SS 1224S, 1224SSS 1224SR, S1224R S1224, S1224SR, S124SSS, S1224SS S1224S, 1224R	AR700 or AR700S, SAR700 or SAR700S basic respirator assy. R24 (TC-23C-70), cartridges.
71	Willson	122410, 122410R 122410S, 122410SS 122410SR, 122410SSS S122410R, S122410SS S122410, S122410S S122410SR, S122410SSS	AR700 or AR700S, SAR700 or SAR700S basic respirator assembly. R24 (TC-23C-70), cartridges. R10 (TC-21C-140), filters. R682, filter retainers.
73	North Safety	7511 * 7511S 7511M 7511L 7711S 7711M 7711L	7500-30S, 7500-30L facepiece N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 7500-30 or 7500-30M, facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges. 7500-6 (TC-21C-151) filters. 7500-14, filter covers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
74	North Safety	7549 * 7549S, 7749S 7549M, 7749M 7549L, 7749L	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M, facepiece assembly. N7500-21, 7500-21, 7500-21F, 7500-21SA (TC-23C-74), or N7500-21, N7500-21F, N7500-1S, N7500-1SA (TC-23C-74) cartridges with N7500 (TC-23C-74) filters and N7500-27 fit check/filter covers.
75	North Safety	7531 * 7531S, 7731S 7531M, 7731M 7531L, 7731L	7500-30S, 7500-30L facepiece N7500-1, N7500-1F, N7500-1S N7500-10 (TC-23C-75) filters N7500-27 fit check/ filter cover 7500-30 or 7500-30M, facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges. 7500-10 (TC-23C-75), filters. 7500-26, filter covers.
75	Acme Auto- motive Finishes	27-* 11/18/80	7500-30 or 7500-30M, facepiece assembly. 7500-1 (TC-23C-49), cartridges. 7500-10 (TC-23C-75), filters. 7500-26, filter covers.
76	Willson	1225, 1225R 1225S, 1225SS 1225SR, 1225SSS S1225SSS S1225, S1225S S1225SR S1225R, S1225SS	AR700 or AR700S, SAR700 or SAR700S basic respirator assembly. R25 (TC-23C-76), cartridges.
77	Willson	122510, 122510R 122510S, 122510SS 122510SR, 122510SSS S122510R, S122510SS S122510, S122510S S122510SR, S122510SSS	AR700 or AR700S, SAR700 or SAR700S basic respirator assembly. R25 (TC-23C-76), cartridges. R10 (TC-21C-140), filters. R682, filter retainers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
78	3M	W-262-12, -24 W-263-12 M,L W-264-12 W-279-12, -24 W-296-12, -24 W-291-12, -24* W-263-12 S*	W-2801, W-2008-24, powered air purifier. W-2031 (TC-21C-136A), filter. W-2114 (TC-23C-78), cartridge. W-5005, helmet, W-2810 or W-5201, hood. W-2877, belt and breathing tube. W-2804, pesticide helmet assembly. W-2851 or W-2875, Softcap, or W-2860 Hardhat/Shroud. W-9450, hose. W-2090 or W-5108, breathing tube
79	MSA	W-351-12/24 448848 461009	W-2801-12/24 pesticide powered air assy. W3021 extended hardcap W-2877 or W5108 breathing tube 449703, 7-201-1, 7-201-2, 7-201-3 or 7-206-1, 466486, 466487, facepiece assembly. 448847 (TC-23C-79), cartridges. For belt mounted, 7-202-1 7-202-2 or 7-202-3 facepiece, breathing tube and plenum assembly, and 448847 (TC-23C-79), cartridges.
80	MSA	448849 466251 462241 466528 460853 466249 466250 466255 466529	449703, 7-201-1, 7-201-2, 7-201-3, 7-206-1 facepiece assembly. 459315 (TC-23C-40), cartridges. 448842 (TC-23C-80), filters. 448844, filter covers. For belt mounted, 7-202-1 facepiece, breathing tube and plenum assembly, 459315 (TC-23C-40), cartridges, 448842 (TC-23C-80), filters, and 448844, filter covers.
81	Pulmosan	C-256* 10009 10183 10219 10270	10768 respirator body assembly with either 10924, 10954, 10792, or 10795 face cushion. 17160 (TC-23C-81), cartridge.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
82	A0	R5053 * R6053 * R4053 *	50206, 50440, 50119, 50600, 50625, basic respirator subassembly. R53 (TC-23C-82), cartridge.
83	A0	R5055, S5055 R6055, S6055 R4055, S4055	50206, 50440, 50119, 50600, 50625, basic respirator subassembly. R55 (TC-23C-83), cartridge.
84	A0	R8151 S8151	51294 or 50270, basic respirator sub-assembly, or 50271 silicone facepiece R151 (TC-23C-84), cartridge.
85	A0	R8153 S8153	51294 or 50270, basic respirator or 50271 silicone facepiece. R153 (TC-23C-85), cartridge.
86	Binks	40-129	460854, facepiece assembly. 40-127 (TC-23C-86), cartridge.
87	Binks	40-128	460854, facepiece assembly. 40-127 (TC-23C-86), cartridge. 40-131 (TC-23C-87), filter. 40-132, filter cover.
88	Glendale	GR1621 GR2021 GR4021 GR8021	F-160, F-800, F-200 or F-400, facepiece. C-21 (TC-23C-88), cartridge.
89	Glendale	GR1621-10 GR2021-10 GR4021-10 GR8021-10	F-160, F-800, F-200 or F-400, facepiece. C-21 (TC-23C-88), cartridges. F-10-S (TC-23C-89), filters. F-21, filter retainer.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
90	Glendale	GR1621-20 GR1621-60 GR2021-20 GR4021-20 GR2021-60 GR4021-60 GR8021-20 GR8021-60	F-160, F-800, F-200, F200A, F400, F400A, facepiece. C-21 (TC-23C-88), cartridge. F-20 or F60 (TC-23C-90), filter. F-21, filter retainer.
91	Pulmosan	C-259* 10024 10198 10222 10282	10768 respirator body assembly with either 10792, 10954, 10924, or 10795 face cushion. 17160 (TC-23C-81), cartridge. C-264-7 (TC-21C-157), filter. C-200-8 filter retainer.
92	A0	R8191P S8191P	51294 or 50270, basic respirator sub-assembly, or 50271 silicone facepiece R191 (TC-23C-92), cartridge.
93	A0	R8151P S8151P	51294 or 50270, basic respirator sub-assembly, or 50271 silicone facepiece R151 (TC-23C-84), cartridge. R149 (TC-23C-93), filter. R150, filter clip.
94	A0	R5051P * R4051P * R6051P *	50206, 50440, 50625, or 50119, basic respirator sub-assembly. R51 (TC-23C-56), cartridge. R49 (TC-23C-94), filter. R185, filter clip.
96	DeVilbiss	MSP-505 * MSP-505-1 *	50728, 51342, basic respirator assembly. MSE-506 (TC-23C-59), cartridge. MSP-403 (TC-23C-96), filter. MSP-405, filter clip.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
97	A0	R5091P, S5091P R4091P, S4091P R6091P, S6091P	50206 or 50440 or 50442 or 50625 or 50635 or 50119 or 50141 basic respirator subassembly. R91 (TC-23C-97), cartridge.
99	Cesco	94R40 *	94, facepiece assembly. R40, cartridge.
100	Pulmosan	C-251* 10006 10180 10225 10267, 11030	10768 respirator body assembly with either 10924, 10954, 10792, or 10795 face cushion. 17160 (TC-23C-81), cartridge. C-251-7 (TC-23C-100), filter. C-200-8 filter cap retainer
100	Fibre Metal	C-251* 10180	10768 respirator body assembly. 10924 face cushion. 17160 (TC-23C-81), cartridge. C-251-7 (TC-23C-100), filter. C-200-8 filter cap retainer
101	North Safety	7401L * 7401M *	7400-30 or 7400-30M, facepiece assembly. 7400-1L (TC-23C-101), cartridge.
102	North Safety	758P01 * 758P01M 758P01L	758P306 facepiece N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges 758P30 or 758P30M, facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49) cartridges.
103	North Safety	758P11 * 758P11M 758P11L	758P30L facepiece N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges N7500-6 (TC-21C-151) filter N7500-27 fit check/filter cover 758P30 or 758P30M, facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49) cartridges. 7500-6 (TC-21C-151), filter. 7500-14, filter covers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
104	North Safety	75BP03 * 75BP03M 75BP03L	75BP30L facepiece N7500-3, N7500-3F, N7500-3S N7500-3SA (TC-23C-65) cartridges 75BP30 or 75BP30M, facepiece assembly. 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-65), cartridges.
105	North Safety	75BP13 * 75BP13M 75BP13L	75BP30L facepiece N7500-3, N7500-3F, N7500-3S N7500-3SA (TC-23C-65) cartridges N7500-6 filter N7500-27 fit check/filter cover 75BP30 or 75BP30M, facepiece assembly. 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-65) cartridges. 7500-6 (TC-21C-151), filter. 7500-14, filter cover.
106	AO	R5058, S5058 R6058, S6058 R4058, S4058	50206 or 50440 or 50442 or 50119 or 50141 or 50600 or 50625 or 50636 basic respirator subassembly. R58 (TC-23C-106), cartridge.
107	Cover	1482-G100	B222, respirator assembly. G100 (TC-23C-107), cartridge.
107	Sellstrom	315-G100	B222, respirator assembly. G100 (TC-23C-107), cartridge.
107	Safe Tex	236-G100*	B222, respirator assembly. G100 (TC-23C-107), cartridge.
107	Eastern Safety	E451	B222, respirator assembly. E451-6C, cartridge.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
108	MSA	460400 463078	461319, pocket respirator. 460401 (TC-23C-108), cartridge. 94601 belt clip (optional) For dusts and mists add 471204 (TC-23C-108) filter and 471253 filter assembly
109	AO	R5054 * R6054 * R4054 *	50206, 50440, 50119, 50625, basic respirator subassembly. R54 (TC-23C-109), cartridge.
110	Pulmosan	C-241 * 10264 10228 10177 10003, 11051	10768 respirator body assembly with either 10924, 10954, 10792, or 10795 face cushion. 17160 (TC-23C-81), cartridge. C-241-7 (TC-23C-110), filter. C-200-8 filter retainer
110	Fibre Metal	C-241 * 10177 10003 10228 10264	10768 respirator body assembly. 10924 face cushion. 17160 (TC-23C-81), cartridge. C-241-7 (TC-23C-110), filter. C-200-8 filter retainer
111	AO	R9722	50822, basic respirator sub-assembly. R722 (TC-23C-111), cartridge.
113	Scott	6412-0013* 6422-0013* 6423-0013* 6411-0013* 6413-0013* 6421-0013* 64-0V, 64E-0V 64M-0V, 64ME-0V 64S-0V, 64SE-0V	600131-01, or 600131-02, or 600131-03 facepiece with 600109-00 or 600118-00 head straps 642-0V or 604500-13 (TC-23C-113), cartridge 600126-00 facepiece (*) 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
114	Scott	6412-0113* 6422-0113* 6423-0113* 6411-0113* 6413-0113* 6421-0113* 64-0V-D, 64M-OV-D 64E-OV-D, 64ME-OV-D 64S-OV-D, 64SE-OV-D	600131-01, or 600131-02, or 600131-03 facepiece with 600119-00 or 600118-00 head straps 642-0V or 604500-13 (TC-23C-113), cartridge 642-D or 64172-01 (TC-21C-177), filter 68215-01 filter retainer 600126-00 facepiece (*)
115	Scott	6412-0001* 6422-0001* 6421-0001* 6413-0001* 6423-0001* 6411-0001* 64-AG, 64E-AG 64M-AG, 64ME-AG 64S-AG, 64SE-AG	600131-01, or 600131-02, or 600131-03 facepiece with 600119-00 or 600118-00 head straps 604500-01 (TC-23C-115), cartridge 642-AG or 600126-00 facepiece (*)
116	Scott	6412-0101* 6422-0101* 6421-0101* 6413-0101* 6423-0101* 6411-0101* 64-AG-D, 64S-AG-D 64E-AG-D, 64M-AG-D 64SE-AG-D, 64ME-AG-D	600131-01, or 600131-02, or 600131-03 facepiece with 600109-00 or 600118-00 head straps 642-AG or 604500-01 (TC-23C-115), cartridge 642-D or 64172-01 (TC-21C-177), filter 68215-01, filter retainer 600126-00 facepiece (*)
117	Scott	6422-0313* 6411-0313* 6413-0313* 6421-0313* 6423-0313* 6412-0313* 6422-0313* 64-OVP, 64SE-OVP 64E-OVP, 64M-OVP 64ME-OVP, 64S-OVP	600131-01, or 600131-02, or 600131-03 facepiece with 600109-00 or 600118-00 head straps 642-0V or 604500-13 (TC-23C-113), cartridge 642-F or 68246-01 (TC-21C-209) filter 68247-01 filter retainer 600126-00 facepiece (*)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
118	U.S. Safety	150T20 150L20	150L or 150, facepiece assembly. 158T20 (TC-23C-118), cartridge.
119	Cesco	95RC25 95SMRC25	95SM or 95, facepiece assembly. RC25 (TC-23C-119), cartridge
120	U.S. Safety	150T23 150L23	150L or 150, facepiece assembly. 158T20 (TC-23C-118), cartridges. 158T10 (TC-21C-179), filters. 159T59, filter covers.
121	Cesco	95RC45 95SMRC45	95SM or 95, facepiece assembly. RC25 (TC-23C-119), cartridges. RC15 (TC-21C-180), filters. 95R8, filter covers.
122	North Safety	7542 * 7542M *	7500-30 or 7500-30M, facepiece assembly. 7500-2, 7500-2F, 7500-2SA (TC-23C-122), cartridges. 7500-40 (TC-23C-122), filters. 7500-14, filter covers.
123	3M	8712 8734 8741 8751	8712 (TC-23C-123), respirator. For dusts and mists add: 8732 (TC-23C-123), filter; 8733 or 8744, filter retainer. For PLE add: 8742 filter, 8743 or 8744 filter retainer For Pesticide add 8752 filter, 8753 or 8744 filter retainer
124	Cover	1482-G100-F102	B222, respirator assembly. G100 (TC-23C-107), cartridges. F102 (TC-23C-124), filters. B205, filter retainers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
124	Eastern	E454	B222, respirator assembly. E451-6C (TC-23C-107), cartridges. F102 (TC-23C-124), filters. B205, filter retainers.
124	Sellstrom	315-G100-F102	B222, respirator assembly. G100 (TC-23C-107), cartridges. F102 (TC-23C-124), filters. B205, filter retainers.
124	Safe-Tex	236-G100-F102*	B222, respirator assembly. G100 (TC-23C-107), cartridges. F102 (TC-23C-124), filters. B205, filter retainers.
125	U.S. Safety	150T24	150, facepiece assembly. 158T20 (TC-23C-118), cartridges. 150T24 (TC-23C-125), filters. PI 159T60, filter retainers.
126	Cesco	95RC35	95, facepiece assembly. RC25 (TC-23C-119), cartridges. RC35 (TC-23C-126), filters. PI 159T60, filter retainers.
127	Stewart- Warner	7931 *	391568, facepiece assembly. 391570 (TC-23C-127), cartridge. 391571 (TC-23C-127), filters. PI 159T60, filter retainers.
128	Northcott	70-450 *	391568, facepiece assembly. 70-431 (TC-23C-128), cartridges. 70-432 (TC-23C-128), filters. PI 159T60, filter retainers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
129	3M	8714 8720	8714 (TC-23C-129) respirator. For dusts and mists add 8732 (TC-23C-123) filter and 8744 or 8733 filter retainer.
130	Willson	1621 1721	AR1600 or AR1700, facepiece. R21 (TC-23C-50), cartridges. R785 nose cup (optional)
131	Willson	162113 172113	AR1600 or AR1700, facepiece. R21 (TC-23C-50), cartridges R13 (TC-23C-52), filters. R785 nose cup (optional)
133	Willson	162115 172115	AR1600 or AR1700, facepiece. R21 (TC-23C-50), cartridges. R15 (TC-23C-54), filters. R683, filter retainers. R785 nose cup (optional)
134	Willson	162110 172110	AR1600 or AR1700, facepiece. R21 (TC-23C-50), cartridges. R10 (TC-21C-140), filters. R682, filter retainers. R785 nose cup (optional)
139	Willson	1624 1724	AR1600 or AR1700, facepiece. R24 (TC-23C-70), cartridges. R785 nose cup (optional)
140	Willson	162410 172410	AR1600 or AR1700, facepiece. R24 (TC-23C-70), cartridges. R10 (TC-21C-140), filters. R785 nose cup (optional) R682, filter retainers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
141	Willson	1625 1725	AR1600 or AR1700, facepiece. R25 (IC-23C-76), cartridges. R785 noseclip (optional)
142	Willson	162510 172510	AR1600 or AR1700, facepiece. R25 (IC-23C-76), cartridges. R10 (IC-21C-140), filters. R682, filter retainers. R785 noseclip (optional)
144	MSA	461848	7-204-1, 7-204-2, 7-204-3 facepiece. 459315 (IC-23C-40), cartridges. For dusts and mists, add: 459032 (IC-21C-133), filters and R785 noseclip (optional) 459027, filter covers to the above.
145	MSA	461849	7-204-1, 7-204-2, 7-204-3 facepiece. 459316 (IC-23C-41), cartridges. For dusts and mists, add: 459032 (IC-21C-133), filters and 459027, filter covers to the above.
146	MSA	461850	7-204-1, 7-204-2, 7-204-3 facepiece. 459317 (IC-23C-47), cartridges. For dusts and mists, add: 459032 (IC-21C-133), filters and 459027, filter covers to the above.
147	MSA	461851	7-204-1, 7-204-2, 7-204-3 facepiece. 459318 (IC-23C-43), cartridges. For dusts and mists, add: 459032 (IC-21C-133), filters and 459027, filter covers to the above.

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Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
148	MSA	461858	7-204-1, 7-204-2, 7-204-3 facepiece. 448847 (TC-23C-79), cartridges.
149	MSA	461846, 471726 466256, 471727 466257	7-204-1, 7-204-2, 7-204-3 facepiece. 459315 (TC-23C-40), cartridges. 448842 (TC-23C-80), filters. 448844, filter covers.
150	MSA	461854	7-204-1, 7-204-2, 7-204-3 facepiece. 461834 (TC-23C-150), cartridges.
151	MSA	461852	7-204-1, 7-204-2, 7-204-3 facepiece. 460964 (TC-23C-151), cartridges.
152	MSA	461857	7-204-1, 7-204-2, 7-204-3 facepiece. 460845 (TC-23C-152), cartridges.
153	MSA	461855	7-204-1, 7-204-2, 7-204-3 facepiece. 460844 (TC-23C-153), cartridges.
154	MSA	461856	7-204-1, 7-204-2, 7-204-3 facepiece. 460843 (TC-23C-154), cartridges.
155	MSA	461853	7-204-1, 7-204-2, 7-204-3 facepiece. 460842 (TC-23C-155), cartridges.
156	MSA	461835 462239	7-201-1 or 7-201-2, 7-201-3, facepiece or 7-202-1, 7-202-2 or 7-202-3 466486, 466487, facepiece, breathing tube and plenum assembly (belt-mounted) 461834 (TC-23C-150), cartridges.
157	MSA	460965 462238	7-201-1 or 7-201-2, 7-201-3, facepiece or 7-202-1, 7-202-2, 7-202-3 466486, or 466487, facepiece, breathing tube, and plenum assembly (belt-mounted) 460964 (TC-23C-151), cartridge

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Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
158	MSA	460849 461015	7-201-1 or 7-201-2, 7-201-3, facepiece or 7-202-1, 7-202-2, 7-202-3, 466486, 466487, facepiece, breathing tube, and plenum assembly (belt-mounted) 460845 (TC-23C-152), cartridges.
159	MSA	460847 461013	7-201-1 or 7-201-2, 7-201-3, facepiece or 7-202-1, 7-202-2, 7-202-3, 466486, 466487, facepiece, breathing tube, and plenum assembly (belt-mounted) 460844 (TC-23C-153), cartridges.
160	MSA	460848 461014	7-201-1 or 7-201-2, 7-201-3, facepiece 7-202-1, 7-202-2, 7-202-3, 466486, 466487, facepiece, breathing tube, and plenum assembly (belt-mounted) 460843 (TC-23C-154), cartridges.
161	MSA	460846 461012	7-201-1 or 7-201-2, 7-201-3, facepiece or 7-202-1, 7-202-2, 7-202-3 facepiece, breathing tube, and plenum assembly (belt-mounted) 460842 (TC-23C-155), cartridges.
163	Cover	1482-G104 1482-G104-F100	B222, respirator assembly. G104 (TC-23C-163), cartridges. For dusts and mists add: F100 (TC-21C-154), filters.
163	Sellstrom	315-G104-F100 315-G104	B222, respirator assembly. G104 (TC-23C-163), cartridges. For dusts add: F100 (TC-21C-154), filters.
163	Eastern	E-452	B222, respirator assembly. E-452-6, (TC-23C-163), cartridges. For dusts and mists add: F100 (TC-21C-154), filters, B205 filter retainer.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
164	Cesco	95RC55 95SMRC55	95SM or 95, facepiece assembly. RC55 (TC-23C-164), cartridges.
165	Cesco	95RC75 95SMRC75	95SM or 95, facepiece assembly. RC55 (TC-23C-164), cartridges. RC15 (TC-21C-180), filters. 95R8, filter covers.
166	Cesco	95RC85 95SMRC85	95SM or 95, facepiece assembly. RC85 (TC-23C-166), cartridges.
167	Cesco	95RC105 95SMRC105	95SM or 95, facepiece assembly. RC85 (TC-23C-166), cartridges. RC15 (TC-21C-180), filters. 95R8, filter covers.
168	U.S. Safety	150T21 150L21	150L or 150, facepiece assembly. 158T21 (TC-23C-168), cartridges.
169	U.S. Safety	150T25 150L25	150L or 150, facepiece assembly. 158T21 (TC-23C-168), cartridges. 158T10 (TC-21C-179), filters. 159T59, filter covers.
170	U.S. Safety	150T26 150L26	150L or 150, facepiece assembly. 158T26 (TC-23C-170), cartridges.
171	U.S. Safety	150T28 150L28	150L or 150, facepiece assembly. 158T26 (TC-23C-170), cartridges. 158T10 (TC-21C-179), filters. 159T59, filter covers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
172	Scott	6422-0015* 6412-0015* 6411-0015* 6421-0015* 6413-0015* 6423-0015* 64-0A, 64E-0A 64M-0A, 64ME-0A 64S-0A, 64SE-0A	600131-01 or 600131-02, or 600131-03, facepiece. with 600109-00 or 600118-00, head straps. 642-0A or 604500-15 (TC-23C-172), cartridges 600126-00 facepiece (*) 803181-01 noseup assembly (optional) 60158 lens preparation (optional)
174	Scott	6412-0115* 6422-0115* 604032-15* 6411-0115* 6421-0115* 6413-0115* 6423-0115* 64-0A-D, 64E-0A-D 64M-0A-D, 64ME-0A-D 64S-0A-D, 64SE-0A-D	600131-01, or 600131-02, or 600131-03 facepiece. with 600109-00 or 600118, head straps 642-0A or 604500-15 (TC-23C-172) cartridges 642-D or 64172-01 (TC-21C-177) filter 68215-00 filter retainers 600126-00 facepiece (*) 803181-01 noseup assembly (optional) 60158 lens preparation (optional)
175	North Safety	75BP31 * 75BP31M 75BP31L	75BP30L Facepiece N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges N7500-16 (TC-23C-75) cartridges N7500-27 fit check/filter cover 75BP-30 or 75BP-30M, facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges. 7500-10 (TC-23C-75), filters. 7500-26, filter covers
176	North Safety	75BP04 * 75BP04M 75BP04L	75BP30L facepiece N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges 75BP-30 or 75BP-30M, facepiece assembly. 7500-4, 7500-4F, 7500-4SA (TC-23C-63), cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
177	North Safety	75BP14 * 75BP14M 75BP14L	75BP30L facepiece N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 75BP-30 or 75BP-30M, facepiece assembly. 7500-4, 7500-4F, 7500-4SA (TC-23C-63), cartridges. 7500-6 (TC-21C-151), filters. 7500-14, filter covers. 75BP-30 or 75BP-30M, facepiece assembly. N7500-21, 7500-21, 7500-21F, or 7500-21SA (TC-23C-74), or N7500-1, N7500-1S, N7500-1F N7500-21SA (TC-23C-49) cartridges with N7500-23 (TC-23C-74) filters and N7500-27 fit check/filter covers
178	North Safety	75BP49 * 75BP49M 75BP49L	75BP-30 or 75BP-30M, facepiece assembly. 7500-2 (TC-23C-122), cartridges. 7500-40 (TC-23C-122), filters. 7500-14, filter covers.
179	North Safety	75BP42 * 75BP42M *	75BP-30 or 75BP-30M, facepiece assembly.
180	North Safety	7601 7601S 7601N * 7601SN *	N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-1, 7500-1F, 7500-1S, or 7500-1SA (TC-23C-49) cartridges.
181	North Safety	7603 7603S 7603N * 7603SN *	N7500-3, N7500-3F, N7500-3S N7500-3SA (TC-23C-65) cartridges 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-65), cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
182	North Safety	7604 7604S 7604N * 7604SN *	N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges 7600-8, 7600-8S, 7600-8N, or 7600-8SN full facepiece assembly. 7500-4, 7500-4F, 7500-4SA (TC-23C-63), cartridges.
183	Glendale	GR-1622 GR-2022 GR-4022 GR-8022	F-160, F-800, F-200 or F-400, facepiece. C-22 (TC-23C-183), cartridges.
184	Glendale	GR-1622-10 GR-2022-10 GR-4022-10 GR-8022-10	F-160, F-800, F-200 or F-400, facepiece. C-22 (TC-23C-183), cartridges. F-105 (TC-23C-89), filters. F-21, filter retainer.
185	North Safety	7611 7611S 7611N * 7611SN *	N7500-1, N7500-1F, N7500-1S, N7500-1SA (TC-23C-49) cartridges N7500 (TC-21C-151) filters N7500-27 fit check/filter covers 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges. 7500-6 (TC-21C-151), filters. 7500-14, filter covers. N7500-3, N7500-3F, N7500-3S N7500-3SA (TC-23C-65) cartridges N7500-6 filters N7500-27 fit check/filter cover 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-65), cartridges. 7500-6 (TC-21C-151), filters. 7500-14, filter covers.
186	North Safety	7613 7613S 7613N * 7613SN *	

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
187	North Safety	7614 7614S 7614N * 7614SN	N7500-4, N7500-4F, N7500-4SA (TC-23C063) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-4, 7500-4F, 7500-4SA (TC-23C-63), cartridges. 7500-6 (TC-21C-151), filters. 7500-14, filter covers.
188	North Safety	7631 7631S 7631N * 7631SN *	N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges N7500-10 (TC-23C-75) filters N7500-27 fit check/filter covers 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges. 7500-10 (TC-23C-75), filters. 7500-26, filter covers.
189	North Safety	7642 * 7642S * 7642N * 7642SN *	7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. 7500-2 (TC-23C-122), cartridges. 7500-40 (TC-23C-122), filters. 7500-14, filter covers.
190	North Safety	7649 7649S 7649N * 7649SN *	7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly. N7500-21, 7500-21, 7500-21F, 7500-21SA (TC-23C-74), or N7500-1, N7500-1S, N7500-1F, N7500-1SA (TC-23C-49) cartridges, with N7500-23 (TC-23C-74) filters and N7500-21 fit check/filter covers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
191	U.S. Safety	150T22 150L22	150L or 150, facepiece assembly. 158T22 (IC-23C-191), cartridges.
192	Cesco	95RC65 95SMRC65	95SM or 95, facepiece assembly. RC65 (IC-23C-192), cartridges.
193	U.S. Safety	150T27 150L27	150L or 150, facepiece assembly. 158T22 (IC-23C-191), cartridges. 158T10 (IC-21C-179), filters. 159T59, filter covers.
194	Cesco	95RC95 95SMRC95	95SM or 95, facepiece assembly. RC65 (IC-23C-192), cartridges. RC15 (IC-21C-180), filters. 95R8, filter covers.
195	3M	8721 8722	8721 (IC-23C-195), respirator. For dusts and mists add: 8718 (IC-23C-123), filter; 8719, filter retainer.
196	3M	8723 8724	8723 (IC-23C-196), respirator. For dusts and mists add: 8718 (IC-23C-123), filters; 8719, filter retainer.
197	Glendale	GR-1625 GR-2045 GR-4025 GR-8025	F-160, F-800, F-200 or F-400, facepiece assembly. C-25 (IC-23C-197), cartridges.
198	U.S. Safety	150T30 *	150, facepiece assembly. 158T30 (IC-23C-198), cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
199	Cesco	95RC125*	95, facepiece assembly. RC125 (TC-23C-199), cartridges.
200	3M	8716	8716 (TC-23C-200), respirator.
201	MSA	465986 466239 466240 466241 466526 466527	7-201-1, 7-201-2, 7-201-3, facepiece. 459315 (TC-23C-40), cartridges. 465947 (TC-23C-201), filters. 462603, filter covers.
202	Cover	1482-G100-F104	B222, respirator assembly. G100 (TC-23C-107), cartridge. F104 (TC-23C-202), filter. B205, filter retainer.
202	Eastern	E455	B222, respirator assembly. G100 (TC-23C-107), cartridge F104 (TC-23C-202), filter. B205, filter retainer.
202	Sellstrom	315-G100-F104	B222, respirator assembly. G100 (TC-23C-107), cartridge F104 (TC-23C-202), filter. B205, filter retainer.
203	Pulmosan	10012 10186 10240 10273	10768 respirator facepiece assembly with either 10792, 10795, 10924, or 10954 face cushion 17165 (TC-23C-203), cartridge.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
204	North Safety	7581 * 7581S, 7781S 7581M, 7781M 7581L, 7781L	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M, 7700-30S, 7700-30M, 7700-30L half mask facepiece assembly. 7500-81 (IC-23C-204), cartridges.
205	North Safety	75BP81 * 75BP81M, 75BP81L	75BP-30 or 75BP-30M, back pack assembly. 7500-81 (IC-23C-204), cartridges.
206	North Safety	7681 7681S	7600-8 or 7600-8S, full facepiece assembly. 7500-81 (IC-23C-204), cartridges.
207	North Safety	7582 * 7582S, 7782S 7582M, 7782M 7582L, 7782L	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M, 7700-30S, 7700-30M or 7700-30L half mask facepiece assembly. 7500-82 (IC-23C-207), cartridges.
208	North Safety	75BP82 75BP82M, 75BP82L	75BP-30 or 75BP-30M, backpack assembly. 7500-82 (IC-23C-207), cartridges.
209	North Safety	7682 7682S	7600-8 or 7600-8S, full facepiece assembly. 7500-82 (IC-23C-207), cartridges.
210	North Safety	7583 * 7583S, 7783S 7583M, 7783M 7583L, 7783L	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M, 7700-30S, 7700-30M, half mask assembly. 7500-83 (IC-23C-210), cartridges.
211	North Safety	75BP83 * 75BP83M, 75BP83L	75BP-30 or 75BP-30M, back pack assembly. 7500-83 (IC-23C-210), cartridges.
212	North Safety	7683 7683S	7600-8 or 7600-8S, full facepiece assembly. 7500-83 (IC-23C-210), cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
213	North Safety	7584 * 7584S, 7784S 7584M, 7784M 7584L, 7784L	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M, 7700-30S, 7700-30M, 7700-30L half mask assembly, 7500-84 (IC-23C-213), cartridges.
214	North Safety	758P84* 758P84M, 758P84L	758P-30 or 758P-30M, backpack assembly. 7500-84 (IC-23C-213), cartridges.
215	North Safety	7684 7684S	7600-8 or 7600-8S, full facepiece assembly. 7500-84 (IC-23C-215), cartridges.
216	3M	8725 8726	8725 (IC-23C-216), respirator For dusts and mists add 8732 (IC-23C-123) filter. and 8744 or 8734 filter retainer.
217	3M	8727 8728	8727 (IC-23C-217), respirator. For dusts and mists add 8732 (IC-23C-123) filter. and 8744 or 8734 filter retainer.
218	Scott	6470-0101* 6480-0101* 65-AG-D 65S-AG-D	802167-01 or 802167-20 facepiece assembly. w/802240-01, harness. 802451-01, adapter assembly. 642-0V or 604500-01 (IC-23C-115), cartridges. 642-D or 64172-01 (IC-21C-177), filters. 68215-01, filter retainers. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
219	Scott	6470-0013* 6480-0013* 65-0V 65S-0V	802167-01 or 802167-20 facepiece assembly. w/802240-01, harness. 802451-01, adapter assembly. 642-00 or 604500-13 (IC-23C-113), cartridges. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
220	Scott	6470-0113* 6480-0113* 65-OV-D 65S-OV-D	802167-01 or 802167-20 facepiece assembly. w/802240-01, harness. 802451-01, adapter assembly. 642-OV or 604500-13 (TC-23C-113), cartridges. 642-D or 64172-01 (TC-21C-177), filters. 68215-01, filter retainers. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
221	Scott	6470-0015* 6480-0015* 65-OA 65S-OA	802167-01 or 802167-20 facepiece assembly. 802240-01, harness. 802451-01, adapter assembly. 642-OA or 604500-15 (TC-23C-172), cartridges. 803181-01, nosecup (optional) 60158-00, lens preparation (optional)
222	Scott	6470-0115* 6480-0115* 65-OA-D 65S-OA-D	802167-01 or 802167-20 facepiece assembly. w/802240-01, harness. 802451-01, adapter assembly. 642-OA or 604500-15 (TC-23C-172), cartridges. 642-D or 64172-01 (TC-21C-177), filters. 68215-01, filter retainers. 803181-01, nosecup (optional) 60158-00, lens preparation (optional)
223	Scott	Replaced by TC-23C-117	
224	Scott	6470-0313* 6480-0313* 65-OVP 65S-OVP	802167-01 or 802167-20 facepiece assembly. w/802240-01, harness. 802451-01, adapter assembly. 604500-13 (TC-23C-113), cartridge. 642-OV or 68246-01 (TC-21C-209), filters. 642-F or 68247-01, filter retainers. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
225	Scott	6470-0001* 6480-0001* 65-AG 65S-AG	802167-01 or 802167-20 facepiece assembly. w/802240-01 harness 802451-01, adapter assembly. 642-AG or 604500-01 (TC-23C-115), cartridges. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
226	North Safety	7502 * 7502S, 7702S 7502M, 7702M 7502L, 7702L	7500-30S, 7500-30L facepiece N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges 7500-30 or 7500-3M, 7700-30S, 7700-30M, 7700-30L facepiece assembly. 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges.
227	North Safety	75BP02 * 75BP02M 75BP02L	75BP30L facepiece N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges 75BP-30 or 75BP-30M, facepiece assembly. 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges.
228	North Safety	7602 7602S 7602N * 7602SN *	N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges 7600-8, 7600-8S, 7600-8N, 7600-8SN, facepiece assembly. 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
229	North Safety	7512 * 7512S, 7712S 7512M, 7712M 7512L, 7712L	7500-30S, 7500-30L facepiece 7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges N7500-6 (TC-21C-151) filter N7500-27 fit check/filter cover 7500-30 or 7500-30M, 7700-30S, 7700-30M or 7700-30L facepiece assembly. 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges. 7500-6 (TC-21C-151), filters. 7500-14, filter covers.
230	North Safety	75BP-12 * 75BP-12M 75BP-12L	75BP30L facepiece N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 75BP-30 or 75BP-30M, facepiece assembly. 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges. 7500-6 (TC-21C-151), filters. 7500-14, filter covers.
231	North Safety	7612 7612S 7612N * 7612SN *	7600-8, 7600-8S, 7600-8N or 7600-8SN, facepiece assembly. 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges 7600-6 (TC-21C-151), filter. 7500-14, filter cover.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
232	Pulmosan	10027 10201 10252 10285	10786 respirator facepiece assembly. 10792, 10795, 10924, or 10954 face cushion 17165 (TC-23C-203), cartridge. C264-7 (TC-21C-157), filter. C200-8, filter retainer.
233	A0	R7052 *	50639, full facepiece assembly. R52 (TC-23C-60), cartridges. 51504 nosecup (optional)
234	A0	R7053 *	50639, full facepiece assembly. R53 (TC-23C-82), cartridges. 51504 nosecup (optional)
235	A0	R7054 *	50639, full facepiece assembly. R54 (TC-23C-109), cartridges. 51504 nosecup (optional)
236	A0	R7051 *	50639, full facepiece assembly. R51 (TC-23C-56), cartridges. 51504 nosecup (optional)
237	A0	R7055 S7055	50638 or 50639, full facepiece assembly. R55 (TC-23C-83), cartridges. 51504 nosecup (optional)
238	A0	R7058 S7058	50638 or 50639, full facepiece assembly. R58 (TC-23C-106), cartridges. 51504 nosecup (optional)
239	A0	R7051P *	50639, full facepiece assembly. R51 (TC-23C-56), cartridges. R49 (TC-23C-94), filter. 51504 nosecup (optional) R185, filter clip.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
240	A0	R7091P S7091P	50638 or 50639, full facepiece assembly. R91 (TC-97/98), cartridges. 51504 nose cup (optional)
241	Glendale	GR-1623 GR-2023 GR-4023 GR-8023	F-160, F-800, F-200, F-200A, F-400 or F-400A, facepiece assembly. C-23 (TC-23C-241) cartridges.
242	Glendale	GR-1623-10 GR-2023-10 GR-4023-10 GR-8023-10	F-160, F-800, F-200, F-200A, F-400 or F-400A, facepiece assembly. C-23 (TC-23C-241), cartridges. F-10-S (TC-23C-89), filters. F-21, filter retainers.
243	MSA	466165	7-201-1, 7-201-2, 7-201-3, 466486, or 466487, facepiece. 461937 (TC-23C-243), cartridges.
244	MSA	466163	7-202-1, 7-202-2 or 7-202-3 facepiece assembly. 461001, breathing tube assembly. 461004, plenum assembly. 461973 (TC-23C-243), cartridges.
245	MSA	466164	7-204-1, 7-204-2, 7-204-3 facepiece assembly. 461973 (TC-23C-243), cartridges.
246	Scott	6412-0301* 6422-0301* 6411-0301* 6413-0301* 6421-0301* 6423-0301* 64-AG-F, 64E-AG-F 64M-AF-F, 64ME-AG-F 64S-AG-F, 64SE-AG-F	600131-01, or 600131-02, or 600131-03 facepiece with 600109-00 or 600118-00, head harness. 642-AG or 604500-01 (TC-23C-115), cartridges. 642-F or 68246-01 (TC-21C-209) filters. 68247-01, filter retainers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
247	Scott	6470-0301* 6480-0301* 65-AG-F 65S-AG-F	802167-01 or 802167-20 facepiece assembly. with 802240-01, harness assembly. 802451-01, adapter assembly. 642-AG or 604500-01 (TC-23C-115), cartridges. 642-F or 68246-01 (TC-21C-209), filters. 68247-01, filter retainers. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
248	Scott	Replaced by TC-23C-117	
249	Scott	Replaced by TC-23C-224	
250	Scott	6412-0315* 6422-0315* 6411-0315* 6413-0315* 6421-0315* 6423-0315* 64-0A-F, 64M-0A-F 64E-0A-F, 64ME-0A-F 64S-0A-F, 64SE-0A-F	600131-01, or 600131-02, or 600131-03 facepiece 600109-00 or 600118-00, head harness. 642-0A or 604500-15 (TC-23C-172), cartridges. 642-F or 68246-01 (TC-21C-209), filters. 68247-01, filter retainers.
251	Scott	6470-0315* 6480-0315* 65-0A-F 65S-0A-F	802167-01 or 802167-20 facepiece assembly. with 802240-01, harness assembly. 802451-01, adapter assembly. 642-0A or 604500-15 (TC-23C-172), cartridges. 642-F or 68246-01 (TC-21C-209), filters. 68247-01, filter retainers. 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
252	Scott	6412-0004* 6422-0004* 6411-0004* 6413-0004* 64-AM, 64ME-AM 64S-AM, 64SE-AM 64E-AM, 64M-AM	600131-01, or 600131-02, or 600131-03 facepiece 600109-00 or 600118-00, head harness. 642-AM or 604500-04 (TC-23C-252), cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
253	Scott	6470-0004* 6480-0004* 65-AM 64S-AM	802167-01 or 802167-20 facepiece assembly. with 802240-01, harness assembly. 802451-01, adapter assembly. 642-AM or 604500-04 (TC-23C-252), cartridges. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
254	Scott	6412-0104* 6422-0104* 6411-0104* 6413-0104* 6421-0104 6423-0104* 64-AM-D 64E-AM-D 64M-AM-D 64ME-AM-D 64S-AM-D 64SE-AM-D	600131-01, or 600131-02, or 600131-03 facepiece 600109-00 or 600118-00, head harness. 642-AM or 604500-04 (TC-23C-252), cartridges. 642-D or 64172 (TC-21C-177), filters. 68215-01, filter retainers.
255	Scott	6470-0104* 6480-0104* 65-AM-D 65S-AM-D	802167-01 or 802167-20 facepiece assembly. with 802240-01, harness assembly. 802451-01, adapter assembly. 642-AM or 604500-04 (TC-23C-252), cartridges. 642-D or 64172-01 (TC-21C-177), filters. 68215-01, filter retainers. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
256	Scott	6412-0304* 6422-0304* 6411-0304* 6413-0304* 6421-0304* 6423-0304* 64-AM-F, 64E-AM-F 64M-AM-F, 64ME-AM-F 64S-AM-F, 64SE-AM-F	600131-01, or 600131-02, or 600131-03 facepiece 600109-00 or 600118-00, head harness. 642-AM or 604500-04 (TC-23C-252), cartridges. 642-F or 68246-01 (TC-21C-209), filters. 68247-01, filter retainers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
257	Scott	6470-0304* 6480-0304* 65-AM-F 65S-AM-F	802167-01 or 802167-20 facepiece assembly. with 802240-01, harness assembly. 802451-01, adapter assembly. 642-AM or 604500-04 (TC-23C-252), cartridges. 642-F or 68246-01 (TC-21C-209), filters. 68247-01, filter retainers. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
258	Willson	122116, S122116, 122116R, S122116R 122116S, S122116S 122116SR, S122116SR 122116SS, S122116SS 122116SSS, S122116SSS	AR700 or AR700S, SAR700 or SAR700S half-mask facepiece assy. R21 (TC-23C-50), cartridges. R16 (TC-23C-258), filters. R683, filter retainers.
259	Willson	162116 172116	1600 or 1700, full facepiece assembly. R21 (TC-23C-50), cartridges. R785 noseclip (optional) R16 (TC-23C-258), filters. R683, filter retainers.
260	MSA	466903	7-201-1, 7-201-2, 7-201-3, facepiece assembly. 466796 (TC-23C-260), cartridges.
261	MSA	466902	7-202-1, 7-202-2, or 7-202-3 facepiece assembly. 466796 (TC-23C-260), cartridges.
262	MSA	466904	7-204-1, 7-204-2, 7-204-3 facepiece assembly. 466796 (TC-23C-260), cartridges.
263	Cesco	96RC45	96, full facepiece assembly. RC25 (TC-23C-119), cartridges. RC15 (TC-21C-180), filters. 95R8, filter covers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
264	U.S. Safety Service	151T23	151, full facepiece assembly. 158T20 (TC-23C-118), cartridges. 158T10 (TC-21C-179), filters. 159T59, filter covers.
265	Cesco	96RC75	96, full facepiece assembly. RC55 (TC-23C-164), cartridges. RC15 (TC-21C-180), filters. 95R8, filter covers.
266	U.S. Safety Service	151T25	151, full facepiece assembly. 158T21 (TC-23C-168), cartridges. 158T10 (TC-21C-179), filters. 159T59, filter covers.
267	Cesco	96RC105	96, full facepiece assembly. RC85 (TC-23C-166), cartridges. RC15 (TC-21C-180), filters. 95R8, filter covers.
268	U.S. Safety Service	151T28	151, full facepiece assembly. 158T26 (TC-23C-170), cartridges. 158T10 (TC-21C-179), filters. 159T59, filter covers.
269	Cesco	96RC95	96, full facepiece assembly. RC65 (TC-23C-192), cartridges. RC15 (TC-21C-180), filters. 95R8, filter covers.
270	U.S. Safety Service	151T27	151, full facepiece assembly. 158T22 (TC-23C-191), cartridges. 158T10 (TC-21C-179), filters. 159T59, filter covers.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
271	Cesco	96RC35 *	96, full facepiece assembly. RC25 (TC-23C-119), cartridges. RC35 (TC-23C-126), filters. PI 159T60, filter retainers.
272	U.S. Safety Service	151T24 *	151, full facepiece assembly. 158T20 (TC-23C-110), cartridges. 158T24 (TC-23C-125), filters. PI 159T60, filter retainers.
273	Cesco	96RC125 *	96, full facepiece assembly. RC125 (TC-23C-199), cartridges.
274	U.S. Safety Service	151T30 *	151, full facepiece assembly. 158T30 (TC-23C-198), cartridges.
275	Cover	1482-G100-F108	B222, respirator assembly. G100 (TC-23C-107), cartridges. F108 (TC-21C-196), filters. B205, filter retainers.
276	Cover	1482-G100-F100	B222, respirator assembly. G100 (TC-23C-107), cartridges. F100 (TC-21C-154), filters. B205, filter retainers.
277	DeVilbiss	MSP-507	51344, respirator assembly. MSP-16 (TC-23C-277), cartridge.
278	DeVilbiss	MSP-506	51344, respirator assembly. MSP-16 (TC-23C-277), cartridge. MSP-17 (TC-23C-278), filter. MSP-19, filter clip.
279	Cover	1482-G106	B222, facepiece assembly. G106 (TC-23C-279), cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
280	Cover	1482-G106-F100	B222, facepiece assembly. G106 (TC-23C-279), cartridges. F100 (TC-21C-154), filters. B205, filter retainers.
281	A0	R4563, S4563 R5563, S5563 R6563, S6563	50440 or 50442 or 50119 or 50141 or 50625 or 50635 facepiece. R563 (TC-23C-281), cartridge.
282	A0	R7563 S7563	50638 or 50639, full facepiece. R563 (TC-23C-281), cartridge. 51504 nose cup (optional)
283	Pulmosan	10018, 10246, 10192 10279	10768 respirator facepiece assembly, 10792, 10924, 10954 or 10795 chin cushion 17171 (TC-23C-283) cartridge
284	Pulmosan	10033, 10207, 10258 10291	10768 respirator facepiece assembly 10792, 10924, 10954 or 10795 chin cushion 17171 (TC-23C-283) cartridge C264-7 (TC-21C-157) filter and C200-8 filter retainer
285	MSA	468023, 468024 468025, 471728 471729	7-204-1, 7-204-2, 7-204-3 facepiece 459315 (TC-23C-40) cartridges 465947 (TC-23C-201) 462603 filter covers
286	MSA	468026, 468027 468028, 468029 468030, 468031	7-202-1, 7-202-2, or 7-203-3 facepiece 459315 (TC-23C-40) cartridges 465947 (TC-23C-201) filters 462603 filter covers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
287	U.S.D. Corp.	2201-00 2101-00, 2301-00	2100-00, 2200-00 or 2300-00 facepiece 1001-00 (TC-23C-287) cartridge
288	North Safety	7902	7902 respirator body
289	Willson	1234, S1234 1234R, S1234R 1234S, S1234S 1234SR, S1234SR 1234SS, S1234SS 1234SSS, S1234SSS	AR700 or AR700S SAR700 or SAR700S facepiece R34 (TC-23C-289) cartridges
290	Willson	1734, 1634	AR1600 or AR1700 facepiece R34 (TC-23C-289) cartridges R785 noseclip (optional)
291	Willson	123412, S123412 123412R, S123412R 123412S, S123412S 123412SR, S123412SR 123412SS, S123412SS 123412SSS, S123412SSS	AR700 or AR700S, SAR700 or SAR700S facepiece R34 (TC-23C-289) cartridge R12 (TC-21C-142) filters
292	Willson	163412, 173412	AR1600 or AR1700 facepiece R34 (TC-23C-289) cartridge R12 (TC-21C-142) filters R785 noseclip (optional)
293	Willson	1231, S1231 1231R, S1231R 1231S, S1231S 1231SR, S1231SR 1231SS, S1231SS 1231SSS, S1231SSS	AR700 or AR700S, SAR700 or SAR700S facepiece R31 (TC-23C-293) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
294	Willson	123112, S123112 123112R, S123112R S123112S, 123112S 123112SR, S123112SR 123112SS, S123112SS 123112SSS, S123112SSS	AR700 or AR700S, SAR700 or SAR700S facepiece R31 (TC-23C-293) cartridges R12 (TC-21C-142) filters
295	Willson	1631 1731	AR1600 or AR1700 facepiece R31 (TC-23C-293)cartridges R785 noseclip (optional)
296	Willson	163112 173112	AR1600 or AR1700 facepiece R31 (TC-23C-293) cartridge R12 (TC-21C-142) filters R785 noseclip (optional)
297	3M	8729	8729 (TC-23C-297) respirator
298	Willson	1235, S1235 1235R, S1235R 1235S, S1235S 1235SR, S1235SR 1235SS, S1235SS 1235SSS, S1235SSS	AR700 or AR700S, SAR700 or SAR700S facepiece R35 (TC-23C-298) cartridges
299	Willson	123512, S123512 123512R, S123512R 123512S, S123512S 123512SR, S123512SR 123512SS, S123512SS 123512SSS, S123512SSS	AR700 or AR700S, SAR700 or SAR700S facepiece R35 (TC-23C-298) cartridge R12 (TC-21C-142) filter
300	Willson	1635 1735	AR1600 or AR1700 facepiece R35 (TC-23C-298) cartridge R785 noseclip (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
301	Willson	163512 173512	AR1700 or AR1600 facepiece, R785 noseclip (optional) R35 (TC-23C-298) cartridge R12 (TC-21C-142) filter
302	Cesco	95RC20 95SMRC20	95SM or 95 facepiece RC20 (TC-23C-302) cartridges 14494 prefilters (optional) 14873 retainers (optional)
303	U.S. Safety	150140 150L40	150L or 150 facepiece 158140 (TC-23C-303) cartridges 14494 prefilters (optional) 14873 retainers (optional)
304	Cesco	96RC20	96 facepiece RC20 (TC-23C-302) cartridges 14494 prefilters (optional) 14873 retainers (optional)
305	U.S. Safety	151140	151 facepiece 158140 (TC-23C-303) cartridges 14494 prefilters (optional) 14873 retainers (optional)
306	Cesco	95RC50 95SMRC50	95SM or 95 facepiece RC50 (TC-23C-306) cartridges 14494 prefilters (optional) 14873 retainers (optional)
307	U.S. Safety	150141 150L41	150 facepiece 158141 (TC-23C-307) cartridges 14494 prefilters (optional) 14873 retainers (optional)
308	Cesco	96RC50	96 facepiece RC50 (TC-23C-306) cartridges 14494 prefilters (optional) 14873 retainers (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
309	U.S. Safety	151T41	151 facepiece 158T41 (TC-23C-307) cartridge 14494 prefilter (optional) 14873 retainers (optional)
310	Cesco	95RC80 95SMRC80	95SM or 95 facepiece RC80 (TC-23C-310) cartridges 14494 prefilter (optional) 14873 retainers (optional)
311	U.S. Safety	150T46 150L46	150L or 150 facepiece 158T46 (TC-23C-311) cartridges 14494 prefilter (optional) 14873 retainer (optional)
312	Cesco	96RC80	96 facepiece RC80 (TC-23C-310) cartridge 14494 prefilter (optional) 14873 retainer (optional)
313	U.S. Safety	151T46	151 facepiece 158T46 (TC-23C-311) cartridges 14494 prefilter (optional) 14873 retainer (optional)
314	Cesco	95RC60 95SMRC60	95SM or 95 facepiece RC60 (TC-23C-314) cartridge 14494 prefilter (optional) 14873 retainer (optional)
315	U.S. Safety	150T42 150L42	150L or 150 facepiece 158T42 (TC-23C-315) cartridge 14494 prefilter (optional) 14873 retainer (optional)
316	Cesco	96RC60	96 facepiece RC60 (TC-23C-314) cartridge 14494 prefilter (optional) 14873 retainer (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
317	U.S. Safety	151742	151 facepiece 158142 (TC-23C-315) cartridge 14494 prefilter (optional) 14873 retainer (optional)
318	SurvivAir Div. USD Corp.	2103-00, 2203-00 2303-00	2100-00, 2200-00 or 2300-00 facepiece assembly 1003-00 (TC-23C-318) cartridge
319	Sellstrom	315-G106	8222 facepiece assembly G106 (TC-23C-319) cartridges
320	Pulmosan	10015 10189 10243 10276	10768 respirator body assembly with either 10792, 10795, 10924, or 10954 face cushion 17168 (TC-23C-320) cartridge
321	SurvivAir Div. USD Corp.	2121-00, 2221-00 2321-00	2100-00, 2200-00 or 2300-00 facepiece assembly 1001-00 (TC-23C-287) cartridge 1020-00 (TC-23C-321) filters 1400-75 or 1400-77 filter retainers
322	SurvivAir Div. USD Corp.	2111-00, 2211-00 2311-00	2100-00, 2200-00 or 2300-00 facepiece assembly 1001-00 (TC-23C-287) cartridges 1010-00 (TC-21C-232) filters 1400-55 filter retainers
323	SurvivAir Div. USD Corp.	2231-00 2331-00 2131-00	2100-00, 2200-00 or 2300-00 facepiece assembly 1001-00 (TC-23C-287) cartridges 1030-00 (TC-21C-236) filters 1400-55 filter retainers
324	Pulmosan	10030, 10204 10255, 10288	10768 respirator body assembly with either 10792, 10795, 10924, 10954 Face cushion 17168 (TC-23C-320) Cartridge C-264-7 (TC-21C-157) Filters C-200-8 Filter Retainers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
325	AO	R4051A, S4051A R5051A, S5051A R6051A, S6051A	50440 or 50442 or 50119 or 50141 or 50625 or 50635 facepiece R51A (TC-23C-325) cartridges
326	AO	R7051A S7051A	50638 or 50639 full facepiece R51A (TC-23C-325) cartridges 51504 noseclip (optional)
327	AO	R4051AD, S4051AD R5051AD, S5051AD R6051AD, S6051AD	50440 or 50442 or 50119 or 50141 or 50625 or 50635 facepiece R51A (TC-23C-325) cartridges, R30 (TC-21C-144) filters and R185A filter clips
328	AO	R7051AD S7051AD	50638 or 50639 full facepiece R51A (TC-23C-325) cartridges, R30 (TC-21C-144) filters 51504 noseclip (optional) R185A filter clips
329	AO	R4054A, S4054A R5054A, S5054A R6054A, S6054A	50440 or 50442 or 50119 or 50141 or 50625 or 50635 Half Facepiece R54A (TC-23C-329) cartridges
330	AO	R7054A S7054A	50638 or 50639 Full Facepiece R54A (TC-23C-329) cartridges 51504 noseclip (optional)
331	AO	R4054AD, S4054AD R5054AD, S5054AD R6054AD, S6054AD	50440 or 50442, 50119 or 50141 or 50625 or 50635 half facepiece R54A (TC-23C-329) cartridges R30 (TC-21C-144) filters and R185A filter retainers
332	AO	R7054AD S7054AD	50638 or 50639 full facepiece R54A (TC-23C-329) cartridges R30 (TC-21C-144) filters 51504 noseclip (optional) R185A filter retainers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
333	A0	R4051AP, S4051AP R5051AP, S5051AP R6051AP, S6051AP	50440 or 50442 or 50119 or 50141 or 50625 or 50635 half mask R51A (TC-23C-325) cartridges R49A (TC-23C-333) filters R185A filter clips
334	A0	R7051AP S7051AP	50638 or 50639 full facepiece R51A (TC-23C-325) cartridges 51504 noseclip (optional) R49A (TC-23C-333) filters R185A filter clips
335	Devilbiss (A0)	MSP-508	51342 Half Mask MSP411 (TC-23C-335) Cartridge MSP410 (TC-23C-335) Filters MSP409 Filter Clips
336	U.S. Safety	150T35 150L35	150L or 150 half mask facepiece 158T20 (TC-23C-118) cartridges 158T15 (TC-21C-240) filters 14876 filter retainers or 159T59 filter covers (optional)
337	Cesco	95RCL15 95SMRC115	95SM or 95 half mask facepiece RC25 (TC-23C-119) cartridges RC19 (TC-21C-241) filters 14876 filter retainer or 95R8 filter covers (optional)
338	U.S. Safety	151T35	151 full facepiece 158T20 (TC-23C-118) cartridges 158T15 (TC-21C-240) filters 14876 filter retainers or 159T59 filter covers (optional)
339	A0	R4052A, S4052A R5052A, S5052A R6052A, S6052A	50440 or 50442 or 50119 or 50141 or 50625 or 50635 half mask R52A (TC-23C-339) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
340	A0	R7052A S7052A	50638 or 50639 full facepiece R52A (TC-23C-339) cartridges 51504 noseclip (optional)
341	A0	R4052AD, S4052AD R5052AD, S5052AD R6052AD, S6052AD	50440 or 50442 or 50119 or 50141 or 50625 or 50635 half mask R52A cartridges (TC-23C-339) R30 (TC-21C-144) filters R185A filter clips
342	A0	R7052AD S7052AD	50638 or 50639 full facepiece R52A (TC-23C-339) 51504 noseclip (optional) R30 (TC-21C-144) filters R185A filter clips
343	A0	R4053A, S4053A R5053A, S5053A R6053A, S6053A	50440 or 50442 or 50119 or 50141 or 50625 or 50625 half mask R53A (TC-23C-343) cartridges
344	A0	R7053A S7053A	50638 or 50639 full facepiece R53A (TC-23C-343) 51504 noseclip (optional)
345	A0	R4053AD, S4053AD R5053AD, S5053AD R6053AD, S6053AD	50440 or 50442 or 50119 or 50141 or 50625 or 50635 half mask R53A (TC-23C-343) cartridges R30 (TC-21C-144) filters R185A filter clips
346	A0	R7053AD S7053AD	50638 or 50639 full facepiece R53A (TC-23C-343) cartridges 51504 noseclip (optional) R30 (TC-21C-144) filters R185A filter clips
347	Eastern	E453	B222 facepiece E453-6C (TC-23C-237) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
348	Cesco	96RC115	96 full facepiece RC25 (TC-23C-119) cartridges RC19 (TC-21C-241) filters 14876 filter retainers or 95R8 filter cover (optional) 10001S or 10001M (TC-23C-349) respirator 10070 fit check cover (optional) 10071 inhalation valve system (optional)
349	North Safety	10001S 10001M	
350	North Safety	10004S 10004M	10004S or 10004M (TC-23C-350) respirator 10076 fit check/filter cover (optional) 10071 inhalation valve system (optional)
351	SurvivaAir Div. USD Corp.	3201-00	3200-00 full facepiece 9413-30 nose cup (option) 1001-00 (TC-23C-287) cartridges
352	North Safety	10003S 10003M	10003S or 10003M (TC-23C-352) respirator 10070 fit check/filter cover (optional)
353	North Safety	10002S 10002M	10002S or 10002M (TC-23C-352) respirator 100070 fit check/filter cover
354	North Safety	100041S 100041M	10001S or 10001M (TC-23C-349) respirator 10056 (TC-23C-354) filter 10070 filter cover
355	North Safety	10011S 10011M	10001S or 10001M (TC-23C-249) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
356	North Safety	10012S 10012M	10002S or 10002M (TC-23C-353) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover
357	North Safety	10013S 10013M	10003S or 10003M (TC-23C-352) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover
358	North Safety	10014S 10014M	10004S or 10004M (TC-23C-350) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover
359	Cover	1482-G102	B222 facepiece assembly G102 (TC-23C-359) cartridges
360	Willson	3021, S3021 3021R, S3021R 3021S, S3021S 3021SR, S3021SR 3021SS, S3021SS 3021SSS, S3021SSS	AR700-B or AR700S-B, SAR700B or SAR700S-B facepiece assy. R760 blower assembly R21 (TC-23C-50) cartridges
361	Willson	3121, 3221	AR-1 or AR-2 full facepiece R760 blower assembly R21 (TC-23C-50) cartridges R785 noseclip (optional)
362	Willson	3031, S3031 3031R, S3031R 3031S, S3031S 3031SR, S3031SR 3031SS, S3031SS 3031SSS, S3031SSS	AR700-B or AR700S-B, SAR700-B or SAR700S-B facepiece assembly R760 blower assembly R31 (TC-23C-293) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
363	Willson	3131, 3231	AR-1 or AR-2 full facepiece R760 blower assembly R31 (TC-23C-293) cartridges R785 nose cup (optional)
364	Willson	3024, S3024 3024R, S3024R 3024S, S3024S 3024SR, S3024SR 3024SS, S3024SSS 3024SSS, S3024SSS	AR700-B or AR700S-B, SAR700-B or SAR700S-B facepiece R760 blower assembly R24 (TC-23C-70) cartridges
365	Willson	3124, 3224	AR-1 or AR-2 full facepiece R760 blower assembly R24 (TC-23C-70) cartridges R785 nose cup (optional)
366	Willson	3034, S3034 3034R, S3034R 3034SR, S3034SR 3034S, S3034S 3034SS, S3034SS 3034SSS, S3034SSS	AR700-B or AR700S-B, SAR700B or SAR700S-B facepiece R760 blower assembly R34 (TC-23C-289) cartridges
367	Willson	3134, 3234	AR-1 or AR-2 full facepiece or R785 nose cup (optional) R760 blower assembly R34 (TC-23C-289) cartridges
368	Willson	3025, S3025 3025R, S3025R 3025S, S3025S 3025SR, S3025SR 3025SS, S3025SS 3025SSS, S3025SSS	AR700-B or AR700S-B, SAR700B or SAR700S-B facepiece R760 blower assembly R25 (TC-23C-76) cartridges
369	Willson	3125, 3225	AR-1 or AR-2 full facepiece, R785 nose cup (optional) R760 blower assembly R25 (TC-23C-76) cartridge

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
370	Willson	3035, S3035 3035R, S3035R 3035S, S3035S 3035SR, S3035SR 3035SS, S3035SS 3035SSS, S3035SSS	AR700-B or AR700S-B, SAR700-B or SAR700S-B facepiece R760 blower assembly R35 (TC-23C-298) cartridges
371	Willson	3135, 3235	AR-1 or AR-2, R785 nosecup (optional) R760 blower assembly R35 (TC-23C-298) cartridge
372	3M	8754	8754 (TC-23C-372) respirator
373	Stewart-Warner	7931+	391568 facepiece assembly 391570 (TC-23C-127) cartridge 391571+ (TC-23C-373) filter 14876 filter retainer
374	Willson	302115, S302115 302115R, S302115R 302115S, S302115S 302115SR, S302115SR 302155S, S302115SS 302155SS, S302115SSS	AR700-B or AR700S-B, SAR700-B or SAR700S-B facepiece assembly R760 blower assembly R21 (TC-23C-50) cartridge R15 (TC-23C-54) filters R683 filter retainers
375	Willson	312115 322115	AR-1 or AR-2 full facepiece R760 blower assembly R21 (TC-23C-50) cartridges R15 (TC-23C-54) filter R683 filter retainer R785 nosecup (optional)
376	Willson	302116, S302116 302116R, S302116R 302116S, S302116S 302116SR, S302116SR 302116SS, S302116SS 302116SSS, S302116SSS	AR700-B or AR700S-B, SAR700B or SAR700S-B facepiece R760 blower assembly R21 (TC-23C-50) cartridges R16 (TC-23C-258) filters R683 filter retainers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
377	Willson	312116 322116	AR-1 or AR-2, R785 noseclip assembly (optional) R760 blower assembly R21 (TC-23C-50) cartridges R16 (TC-23C-258) filters R683 filter retainers
378	Willson	302410, S302410 302410R, S302410R 302410S, S302410S 302410SR, S302410SR 302410SS, S302410SS 302410SSS, S302410SSS	AR700-B or AR700S-B, SAR700B and SAR700S-B facepiece assembly R760 blower assembly R24 (TC-23C-70) cartridges R10 (TC-21C-140) filters R682 filter retainers
379	Willson	312410 322410	AR-1 or AR-2, R785 noseclip (optional) R760 blower assembly R24 (TC-23C-70) cartridges R10 (TC-21C-140) filters R682 filter retainers
380	Willson	302510, S302510 302510R, S302510R 302510S, S302510S 302510SR, S302510SR 302510SS, S302510SS 302510SSS, S302510SSS	AR700-B or AR700S-B, SAR700B or SAR700S-B facepiece assembly R760 blower assembly R25 (TC-23C-77) cartridges R10 (TC-21C-140) filters R682 filter retainers
381	Willson	312510 322510	AR-1 or AR-2 facepiece assembly R760 blower assembly R25 (TC-23C-77) cartridges R10 (TC-21C-140) filters R682 filter retainers R785 noseclip (optional)
382	Willson	303112, S303112 303112R, S303112R 303112S, S303112S 303112SR, S303112SR S302112SS, S303112SS 303112SSS, S302112SSS	AR700-B or AR700S-B, AR700-B or SAR700-SB facepiece assembly R760 blower assembly R31 (TC-23C-293) cartridges R12 (TC-21C-142) filters

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
383	Willson	313112 323112	AR-1 or AR-2 facepiece assembly R760 blower assembly R31 (TC-23C-293) cartridges R12 (TC-21C-142) filters R785 noseclip (optional)
384	Willson	303412, S303412 303412R, S303412R 303412S, S303412S 303412SR, S303412SR 303412SS, S303412SS 303412SSS, S303412SSS	AR700-B or AR700S-B facepiece assembly R760 blower assembly R34 (TC-23C-289) cartridges R12 (TC-21C-142) filters
385	Willson	313412 323412	AR-1 or AR-2 full facepiece assembly R760 blower assembly R34 (TC-23C-289) cartridges R12 (TC-21C-142) filters R785 noseclip (optional)
386	Willson	303512, S303512 303512R, S303512R 303512S, S303512S 303512SR, S303512SR 303512SS, S303512SS 303512SSS, S303512SSS	AR700B or AR700S-B, SAR700B or SAR700S-B facepiece assembly R760 blower assembly R35 (TC-23C-298) cartridges R12 (TC-21C-142) filters
387	Willson	313512 323512	AR-1 or AR-2 full facepiece assembly R760 blower assembly R35 (TC-23C-298) cartridges R12 (TC-21C-142) filters R785 noseclip (optional)
388	Willson	312110 322110	AR-1 or AR-2 full facepiece assembly R760 blower assembly R21 (TC-23C-50) cartridges R10 (TC-21C-140) filters R682 filter retainers R785 noseclip (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
389	Willson	302110, S302110 302110R, S302110R 302110S, S302110S 302110SR, S302110SR 302110SS, S302110RSS 302110SSS, S302110SSS	AR700-B or AR700S-B, SAR700-B or SAR700S-B facepiece assembly R760 blower assembly R21 (TC-23C-50) cartridges R10 (TC-21C-140) filters R682 filter retainers
390	Willson	312113 322113	AR-1 or AR-2 full facepiece assembly R760 blower assembly R21 (TC-23C-50) cartridges R13 (TC-23C-52) filters R785 noseclip (optional)
391	Willson	302113, S302113 302113R, S302113R 302113S, S302113S 302113SR, S302113SR 302113SS, S302113SS 302113SSS, S302113SSS	AR700-B or AR700S-B, SAR700-B or SAR700S-B facepiece assembly R760 blower assembly R21 (TC-23C-50) cartridges R13 (TC-23C-52) filters
392	Northcott	70-450+	391568 facepiece assembly 70-431 (TC-23C-128) cartridges 70-432+ (TC-23C-392) filters 14876 filter retainers
393	SurvivAir Div. USD Corp.	2133-00 2233-00 2333-00	2100-00, 2200-00, 2300-00 half mask assembly 1003-00 (TC-23C-318) cartridges 1030-00 (TC-21C-236) filters 1400-75 filter retainers
394	SurvivAir Div. USD Corp.	3233-00	3200-00 full facepiece assembly 9413-30 noseclip (option) 1003-00 (TC-23C-318) cartridges 1030-00 (TC-21C-236) filters 1400-75 filter retainers
395	SurvivAir Div. USD Corp.	2192-00 2292-00 2392-00	2100-00, 2200-00, or 2300-00 half mask facepiece assembly 1092-00 (TC-23C-395) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
396	SurvivAir Div. USD Corp.	3292-00	3200-00 full facepiece assembly 9413-30 noseup (option) 1092-00 (TC-23C-395) cartridges
397	North Safety	7505S 7505M 7505L	7500-30S, 7500-30M or 7500-30L half mask facepiece assembly N7500-5, N7500-5F or N7500-4SA (TC-23C-397) cartridges N7500-27 fit check filter covers (optional)
398	North Safety	7515S 7515M 7515L	7500-30S, 7500-30M, or 7500-30L half mask assembly N7500-5, N7500-5F or N7500-5SA (TC-23C-397) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check filter covers
399	North Safety	75BP05M 75BP05L	75BP30L or 75BP30M half mask facepiece assembly N7500-5, N7500-5F or N7500-5SA (TC-23C-397) cartridges N7500-27 fit check filter covers (optional)
400	North Safety	75BP15M 75BP15L	75BP30L or 75BP30M half mask facepiece assembly N7500-5, N7500-5F or N7500-5SA (TC-23C-397) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check filter covers (optional)
401	North Safety	7605 7605S	7600-8 or 7600-8S full facepiece assembly N7500-5, N7500-5F, N7500-5SA (TC-23C-397) cartridges N7500-27 fit check filter covers (optional)
402	North Safety	7615 7615S	7600-8 or 7600-8S full facepiece assembly N7500-5, N7500-5F, N7500-5SA (TC-23C-397) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check filter covers (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
403	Glendale	GR1624 GR2024 GR4024 GR8024	F-160, F-200, F-200A, F-400, F-400A, F-800 facepiece assembly C-24 (TC-23C-403) cartridges
404	Glendale	GR7021	F-700 facepiece assembly CF-17 noseclip (optional) C-21 (TC-23C-88) cartridges
405	Glendale	GR7021-00	F-700 facepiece assembly CF-17 noseclip (optional) C-21 (TC-23C-88) cartridges F-10S (TC-23C-89) filters F-21 filter retainers
406	Glendale	GR7021-20 GR7021-60	F700 facepiece assembly CF-17 noseclip (optional) C-21 (TC-23C-88) cartridges F-20 or F-60 (TC-23C-90) filters F-21 filter retainers
407	Glendale	GR7022	F-700 facepiece assembly CF-17 noseclip (optional) C-22 (TC-23C-183) cartridges
408	Glendale	GR7022-10	F-700 facepiece assembly CF-17 noseclip (optional) C-22 (TC-23C-183) cartridges F-10-S (TC-23C-89) filters F-21 filter retainers
409	Glendale	GR7025	F-700 facepiece assembly CF-17 noseclip (optional) C-25 (TC-23C-197) cartridges
410	Glendale	GR7023	F-700 facepiece assembly CF-17 noseclip (optional) C-23 (TC-23C-241) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
411	Glendale	GR7023-10	F-700 facepiece assembly CF-17 noseclip (optional) C-23 (TC-23C-241) cartridges F-10-S (TC-23C-89) filters F-21 filter retainers
412	Glendale	GR7024	F-700 facepiece assembly CF-17 noseclip (optional) C-24 (TC-23C-403) cartridges
413	A0	R4051HE, S4051HE R5051HE, S5051HE R6051HE, S6051HE	50440 or 50442 or 50119 or 50141 or 50625 50635 facepiece assembly R51HE (TC-23C-413) cartridges
414	A0	R7051HE S7051HE	50638 or 50639 facepiece assembly 51504 noseclip (optional) R51HE (TC-23C-413) cartridges
415	A0	R4052HE, S4052HE R5052HE, S5052HE R6052HE, S6052HE	50440 or 50442 or 50119 or 50141 or 50625 50635 facepiece assembly R52HE (TC-23C-415) cartridges
416	A0	R7052HE S7052HE	50638 or 50639 facepiece assembly 51504 noseclip (optional) R52HE (TC-23C-415) cartridges
417	A0	R4053HE, S4053HE R5053HE, S5053HE R6053HE, S6053HE	50440 or 50442 or 50119 or 50141 or 50625 50635 facepiece assembly R53HE (TC-23C-417) cartridges
418	A0	R7053HE S7053HE	50638 or 50639 facepiece assembly 51504 noseclip (optional) R53HE (TC-23C-417) cartridges
419	A0	R4054HE, S4054HE R5054HE, S5054HE R6054HE, S6054HE	50440 or 50442 or 50119 or 50141 or 50625 50635 facepiece assembly R54HE (TC-23C-419) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
420	A0	R7054HE S7054HE	50638 or 50639 facepiece assembly 51504 nose cup (optional) R54HE (TC-23C-419) cartridges
421	Cover	1482-G104-G208	B222 facepiece assembly G104-G208 (TC-23C-421) cartridges
422	SurvivAir Div. USD Corp.	2104-00, 2204-00 2304-00	2100-00, 2200-00 or 2300-00 half mask facepiece assembly 1004-00 (TC-23C-422) cartridges
423	SurvivAir Div. USD Corp.	3204-00	3200-00 full facepiece assembly 9413-30 nose cup (option) 1004-00 (TC-23C-422) cartridges
424	A0	R4051E R5051E R6051E	50440, 50119 or 50625 facepiece assembly R51E (TC-23C-424) cartridges
425	A0	R7051E	50539 full facepiece assembly 510504 nose cup (optional) R51E (TC-23C-424) cartridges
426	A0	R4051EP R5051EP R6051EP	50440, 50119, 50625 facepiece assembly R51E (TC-23C-424) cartridges R49A (TC-23C-333) filters R185E filter clips
427	A0	R7051EP	50639 full facepiece assembly R51E (TC-23C-424) cartridges R49A (TC-23C-333) filters R185E filter clips
428	Devilbiss	MSL-500	51342 half mask facepiece assembly MSL-1 (TC-23C-428) cartridges MSP-410 (TC-23C-335) filters MSL-2 filter clips
429	SurvivAir Div. USD Corp.	3202-00	3200-00 full facepiece assembly 9413-30 nose cup (option) 1002-00 (TC-23C-429) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
430	SurvivAir Div. USD Corp.	2102-00 2202-00 2302-00	2100-00, 2200-00 or 2300-00 half mask assembly 1002-00 (TC-23C-429) cartridges
431	SurvivAir Div. USD Corp.	2112-00 2212-00 2312-00	2100-00, 2200-00 or 2300-00 half mask assembly 1002-00 (TC-23C-429) cartridges 1010-00 (TC-21C-232) filters 1400-75 retainers
432	SurvivAir Div. USD Corp.	3212-00	3200-00 full facepiece assembly 9413-30 noseclip (option) 1002-00 (TC-23C-429) cartridges 1010-00 (TC-21C-232) filters 1400-75 retainers
433	SurvivAir Div. USD Corp.	2113-00 2213-00 2313-00	2100-00, 2200-00, or 2300-00 half mask assembly 1003-00 (TC-23C-318) cartridges 1010-00 (TC-21C-232) filters 1400-75 retainers
434	SurvivAir Div. USD Corp.	3213-00	3200-00 full facepiece assembly 9413-30 noseclip (option) 1003-00 (TC-23C-318) cartridges 1010-00 (TC-21C-232) filters 1400-75 retainers
435	3M	7201	7200 or 7300 facepiece assembly 7251 (TC-23C-435) cartridges 7287 retainers
436	3M	7210	7200 or 7300 facepiece assembly 7251 (TC-23C-435) cartridges 7256 (TC-23C-436) filters 7287 retainers
437	3M	7207	7200 or 7300 facepiece assembly 7251 (TC-23C-435) cartridges 7258 (TC-23C-437) filters 7287 retainers

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Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
438	3M	7212	7200 or 7300 facepiece assembly 7251 (TC-23C-435) cartridges 7255 (TC-21C-265) filters 7287 retainers
439	3M	7205	7200 or 7300 facepiece assembly 7251 (TC-23C-435) cartridges 7257 (TC-23C-439) filters 7287 retainers
440	3M	7204	7200 or 7300 facepiece assembly 7254 (TC-23C-440) cartridges 7287 retainers
441	3M	7211	7200 or 7300 facepiece assembly 7254 (TC-23C-440) cartridges 7258 (TC-23C-437) filters 7287 retainers
442	3M	7215	7200 or 7300 facepiece assembly 7254 (TC-23C-440) cartridges 7255 (TC-21C-265) filters 7287 retainer
443	3M	7202	7200 or 7300 facepiece assembly 7252 (TC-23C-443) cartridges 7287 retainers
444	3M	7208	7200 or 7300 facepiece assembly 7252 (TC-23C-443) cartridges 7258 (TC-23C-437) filters 7287 retainers
445	3M	7213	7200 or 7300 facepiece assembly 7252 (TC-23C-443) cartridges 7255 (TC-21C-265) filters 7287 retainers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
446	3M	7203	7200 or 7300 facepiece assembly 7253 (TC-23C-446) cartridges 7287 retainers
447	3M	7209	7200 or 7300 facepiece assembly 7253 (TC-23C-446) cartridges 7258 (TC-23C-437) filters 7287 retainers
448	3M	7214	7200 or 7300 facepiece assembly 7253 (TC-23C-446) cartridges 7255 (TC-21C-265) filters 7287 retainers
449	North Safety	7912	7912 respirator
450	SurvivAir Div. USD Corp.	2193-00 2293-00 2393-00	2100-00, 2200-00 or 2300-00 1093-00 (TC-23C-450) cartridges
451	SurvivAir Div. USD Corp.	3293-00	3200-00 full facepiece assembly 9413-30 noseclip (option) 1093-00 (TC-23C-450) cartridges
452	SurvivAir Div. USD Corp.	2191-00 2291-00 2391-00	2100-00, 2200-00 or 2300-00 half mask assembly 1091-00 (TC-23C-452) cartridges
453	SurvivAir Div. USD Corp.	3291-00	3200-00 full facepiece assembly 9413-30 noseclip (option) 1091-00 (TC-23C-452) cartridges
454	SurvivAir Div. USD Corp.	3203-00	3200-00 full facepiece assembly 9413-30 noseclip (option) 1003-00 (TC-23C-318) cartridge

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
455	SurvivAir Div. USD Corp.	3221-00	3200-00 full facepiece assembly 9413-30 noseup (option) 1001-00 (TC-23C-287) cartridge 1020-00 (TC-23C-321) filters 1400-75 retainers
456	SurvivAir Div. USD Corp.	3231-00	3200-00 full facepiece assembly 9413-30 noseup (option) 1001-00 (TC-23C-287) cartridges 1030-00 (TC-21C-236) filters 1400-75 retainer.
457	Cover	1482-G106-G208	B222 facepiece assembly G106-G208 (TC-23C-457) cartridges
458	Cover	1482-G100-G208	B222 facepiece assembly G100-G208 (TC-23C-458) cartridges
459	Cover	1482-G102-G208	B222 facepiece assembly G102-G208 (TC-23C-459) cartridges
460	MSA	472748	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 459315 (TC-23C-40) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
461	MSA	472749	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 459316 (TC-23C-41) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
462	MSA	472750	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 459317 (TC-23C-47) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above

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Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
463	MSA	472751	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 459318 (TC-23C-43) cartridge For dusts and mists add 459032 (TC-21C-133) filter and 459027 filter covers to the above
464	MSA	472752	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 448847 (TC-23C-79) cartridge For dusts and mists add 459032 (TC-21C-133) filter and 459027 filter covers to the above
465	MSA	472755	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 460842 (TC-23C-155) cartridge For dusts and mists add 459032 (TC-21C-133) filter and 459027 filter covers to the above
466	MSA	472756	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 460844 (TC-23C-153) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
467	MSA	472757	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 460843 (TC-23C-154) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
468	MSA	472758	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 460845 (TC-23C-152) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above

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Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
469	MSA	472759	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 460964 (TC-23C-151) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
470	MSA	472760	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 461843 (TC-23C-150) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
471	MSA	472761	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 461973 (TC-23C-243) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
472	MSA	472764	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 466796 (TC-23C-260) cartridge For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
473	MSA	472736 472737 472738	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 459315 (TC-23C-40) cartridge 448842 (TC-23C-80) filters 448844 filter covers For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above
474	MSA	472739 472740 472741	7-423-1, 7-423-2, 7-423-3 facepiece, breathing tube, and plenum assembly 459315 (TC-23C-40) cartridge 448947 (TC-23C-201) filters 462603 filter covers For dusts and mists add: 459032 (TC-21C-133) filter and 459027 filter covers to above

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
475	3M	7216	7200 or 7300 half mask facepiece 7275 or 7259 (TC-23C-475) cartridges 7287 retainers
476	Racal	BE 1/A	60-01-61 helmet assembly AS908 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 60-03-09 battery or AS10462 vehicle adapter 22-10-27 (TC-23C-476) cartridge AS10373 harness assembly (optional) AS915 visor overlay
477	Racal	BE 5/A	35-10-00 hood assembly 65-53-02 breathing tube or AS10465 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 60-03-09 battery 22-10-27 (TC-23C-476) cartridge AS10462 vehicle adapter AS10373 harness assembly
478	Racal	BE 6/A	30-00-03 or 30-00-06 crown assembly AS908 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 60-03-09 battery 22-10-27 (TC-23C-476) cartridge AS10408 breathing tube AS10462 vehicle adapter AS10373 harness assembly AS10464 visor overlay

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
479	Racal	BE 1/B	60-01-61 helmet assembly AS908 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 60-03-09 battery 22-10-28 (TC-23C-479) cartridge AS10408 breathing tube AS10462 vehicle adapter AS10373 harness assembly AS915 visor overlay
480	Racal	BE 5/B	35-10-00 hood assembly 65-53-02 or AS10465 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 60-03-09 battery 22-10-28 (TC-23C-479) cartridge AS10462 vehicle adapter AS10373 harness assembly
481	Racal	BE 6/B	30-00-03 or 30-00-06 crown assembly AS908 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 60-03-09 battery 22-10-28 (TC-23C-479) cartridge AS10408 breathing tube AS10462 vehicle adapter AS10373 harness assembly AS10464 visor overlay

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
482	Racal	BE 1/A-P3	60-01-61 helmet AS908 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 61100 battery 22-10-29 (TC-23C-482) cartridges AS10408 breathing tube AS10462 vehicle adapter AS10373 harness assembly AS915 visor overlay
483	Racal	BE 3/A-P3 BE 7/A-P3	55-01-04 or 57-01-04 full facepiece 55-20-01 or 55-20-08 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 61100 battery 22-10-29 (TC-23C-482) cartridges AS10282 visor overlay AS10373 harness assembly AS10462 vehicle adapter
484	Racal	BE 5/A-P3	35-10-00 hood assembly AS10465 or 62-53-02 breathing tube 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 61100 battery 22-10-29 (TC-23C-482) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
485	Racal	BE 6/A-P3	30-00-03 or 30-00-06 crown assembly AS908 breathing tube or AS10408 22-01-02 turbo unit RAS1900 hose clamp 22-25-00 belt 61100 battery 22-10-29 (TC-23C-482) cartridges AS10373 harness assembly AS10462 vehicle adapter
486	3M	8775	8775 (TC-23C-486) respirator
487	Sellstrom	315-G102-G208	B222 half mask respirator assembly G102-G208 (TC-23C-487) cartridges
488	A0	S4055A, R4055A S5055A, R5055A S6055A, R6055A	50440 or 50442, 50119 or 50141, 50652 or 50635 half mask assy. R55A (TC-23C-488) cartridges
489	A0	S7055A, R7055A	50639 or 50638 full facepiece assembly 51504 or 51500 noseclip (optional) R55A (TC-23C-489) cartridge
490	A0	R4091AP, S4091AP R5091AP, S5091AP R6081AP, S6091AP	50440 or 50442, 50119 or 50141, 50625 or 50635 half mask assy. R91A (TC-23C-490) cartridge
491	A0	R7091AP, S7091AP	50639 or 50638 full facepiece assembly 51504 of 51500 noseclip (optional) R91A (TC-23C-490) cartridge
492	Scott	70-AG	70-AG (TC-23C-492) respirator
493	Pulmosan	10402	10906 full facepiece 17160 (TC-23C-81) cartridge C-241-7 (TC-23C-110) filter C-200-8 filter retainer

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
494	Pulmosan	10405	10906 full facepiece 17160 (TC-23C-81) cartridge C-51-7 (TC-23C-100) filter C-200-8 filter retainer
495	Pulmosan	10408	10906 full facepiece 17160 (TC-23C-81) cartridge
496	Pulmosan	10411	10906 full facepiece 17165 (TC-23C-203) cartridge
497	Pulmosan	10414	10906 full facepiece 17168 (TC-23C-326) cartridge
498	Pulmosan	10417	10906 full facepiece 17171 (TC-23C-283) cartridge
499	Pulmosan	10420	10906 full facepiece 17160 (TC-23C-81) cartridge C-264-7 (TC-21C-1571) filter C-200-8 filter retainer
500	Pulmosan	10423	10906 full facepiece 17165 (TC-23C-203) cartridge C-264-7 (TC-21C-57) filter C-206-8 filter retainer
501	Pulmosan	10426	10906 full facepiece 17168 (TC-23C-320) cartridge C-264-7 (TC-21C-157) filter C-200-8 filter retainer
502	Pulmosan	10429	10906 full facepiece 17171 (TC-23C-283) cartridge C-264-7 (TC-21C-157) filter C-200-8 filter retainer

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
503	3M	7217	7200 or 7300 half mask facepiece 7275 (TC-23C-475) cartridge 7258 (TC-23C-437) filters 7287 filter retainer
504	Pirelli	4336.2021	4336.1006 Polimask 100/2 halfmask facepiece 4340.5000 (TC-23C-504) cartridge
505	A0	R4060A, S4060A R5050A, S4050A R6060A, S6060A	50440 or 50442 cartridge 50119 or 50141 or 50625 or 50635 half mask respirator assembly R60A (TC-23C-505) cartridges
506	A0	R7060A, S7060A	50369 or 50368 full facepiece 51504 or 51500 noseup (optional) R60A (TC-23C-505) cartridges
507	A0	R4060AD, S4060AD R5060AD, S5060AD R6060AD, S6060AD	50440 or 50442, 50119 or 50141 or 50625 or 50635 half mask facepiece R60A (TC-23C-505) cartridges R30 (TC-21C-144) filter R185 filter clip
508	A0	R7060AD, S7060AD	50369 or 50638 full facepiece 51504 or 51500 noseup (optional) R60A (TC-23C-505) cartridges R30 (TC-21C-144) filters R185 filter clips
509	MSA	469727	469726 facepiece 469669 (TC-23C-509) cartridge for dusts and mists add MSA parts 469725 (TC-23C-509) filter and 469739 filter cover to the above.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
510	MSA	470200	469726 facepiece 469669 (IC-23C-509) cartridge 469725 (IC-23C-509) filter and 46739 filter cover
511	MSA	469728	469726 facepiece 469670 (IC-23C-511) cartridge For dusts and mists add MSA parts 469725 (IC-23C-509) filter and 469739 filter cover to the above
512	MSA	469729	469726 facepiece 469672 (IC-23C-512) cartridge For dusts and mists add MSA parts 469725 (IC-23C-509) filter and 469739 filter cover to the above
513	MSA	469730	469726 facepiece 469671 (IC-23C-513) cartridge For dusts and mists add MSA parts 469739 (IC-23C-509) filter and 469739 filter cover to the above
514	MSA	471914	471913 mouthpiece respirator 470777 (IC-23C-514) cartridge For dusts and mists add MSA parts 469923 (IC-23C-514) filter and 469739 filter cover to the above
515	Pirelli	4336.2022	4336.1006 Polimask 100/2 half mask facepiece 4360.5001 200/AMM (IC-23C-515) cartridges
516	Pirelli	4336.2023	4336.1006 Polimask 100/2 half mask facepiece 4340.5002 200/AG (IC-23C-516) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
517	Scott	64-AG-H, 64E-AG-H 64M-AG-H, 64ME-AG-H 64S-AG-H, 64SE-AG-H	600131-01, 60013-02 or 600131-03 facepiece with 500109-00 or 60018-00 head harness 642-AG-H (TC-23C-517) cartridge
518	Scott	65-AG-H, 65S-AG-H	802167-01 or 802167-20 facepiece with 802240-01 harness and 802451-01 adapter 642-AG-H (TC-23C-517) cartridge 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
519	Scott	64-AM-H, 64E-AM-H 64M-AM-H, 64ME-AM-H 64S-AM-H, 64SE-AM-H	600131-01, 600131-02, or 600131-03 facepiece with 600109-00 or 600118-00 head harness 652-AM-H (TC-23C-519) cartridge
520	Scott	65-AM-H, 65S-AM-H	802167-01 or 802167-20 facepiece with 802240-01 harness and 802451-01 adapter 642-AM-H (TC-23C-519) cartridge 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
521	Scott	64-OA-H, 64E-OA-H 64M-OA-H, 64ME-OA-H 64S-OA-H, 64SE-OA-H	600131-01, 600131-02, or 600131-03 facepiece with 600109-00 or 600118-00 head harness 642-OA-H (TC-23C-521) cartridge
522	Scott	65-OA-H, 65S-OA-H	802167-01 or 802167-20 facepiece with 802240-01 harness and 802451-01 adapter 642-OA-H (TC-23C-521) cartridge 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)
523	Scott	64-OV-H, 64E-OV-H 64M-OV-H, 64ME-OV-H 64S-OV-H, 64SE-OV-H	600131-01, 600131-02, or 600131-03 facepiece with 600109-00 or 600118-00 head harness 642-OV-H (TC-23C-523) cartridge
524	Scott	65-OV-H, 65S-OV-H	802167-01 or 802167-20 facepiece with 802240-01 harness and 802451-01 adapter 642-OV-H (TC-23C-521) cartridge 803181-01 nosecup assembly (optional) 60158-00 lens preparation (optional)

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
525	Scott	64-TEDA-H, 64E-TEDA-H 64M-TEDA-H 64ME-TEDA-H 64S-TEDA-H 64SE-TEDA-H	600131-01, 600131-02 or facepiece with 600109-00 or 600118-00 harness 642-TEDA-H (TC-23C-525) cartridge.
526	Scott	65-TEDA-H 65S-TEDA-H	802167-01 or 802167-20 facepiece with 82240-01 harness and 82451-01 adapter 642-TEDA-H (TC-23C-525) cartridge. 803181-01 noseclip assembly (optional) 60158-00 lens preparation (optional)
527	Pirelli	4333.2023	4333.2010 C600 twin full fcp. 4340.5002 200/AG (TC-23C-516) cartridge
528	Pirelli	4333.2022	4333.2010 C600 twin full fcp. 4340.5001 200/AMM (TC-23C-515) cartridge
529	Pirelli	4333.2021	4333.2010 C600 twin full fcp. 4340.5000 200/OV (TC-23C-504) cartridge
530	U.S.D. Corp.	2141-00, 2241-00 2341-00	2100-00, 2200-00 or 2300-00 half mask fcp. assembly 1001-00 (TC-23C-287) cartridges 1040-00 (TC-21C-280) filter 1400-77 filter retainers
531	U.S.D. Corp.	3241-00	3200-00 full facepiece assembly 1001-00 (TC-23C-287) cartridges 1040-00 (TC-21C-280) filter 1400-77 filter retainers
532	U.S.D. Corp.	2143-00 2243-00 2343-00	2100-00, 2200-00 or 2300-00 half mask fcp. assembly 1001-00 (TC-23C-318) cartridges 1040-00 (TC-21C-280) filter 1400-77 filter retainers
533	U.S.D. Corp.	3243-00	3200-00 full facepiece assembly 1001-00 (TC-23C-318) cartridges 1040-00 (TC-21C-280) filter 1400-77 filter retainers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
534	Racal	BE 3/BC BE 7/BC	57-01-04 or 55-01-04 full facepiece 55-20-01 breathing tube RAS1900 hose clamp 22-01-02 turbo unit 60-03-09 battery 22-25-00 belt 22-10-28 (IC-23C-479) cartridges AS10462 vehicle adapter AS10373 harness assembly 55-20-08 breathing tube AS10282 visor overlay
535	Racal	BE 3/AC BE 7/AC	22-01-02 turbo unit 60-03-09 battery 55-20-01 or 55-20-08 breathing tube RAS1900 hose clamp 22-25-00 belt 57-01-04 or 55-01-04 full facepiece 22-10-27 (IC-23C-476) cartridges AS10462 vehicle adapter AS10373 harness assembly AS10282 visor overlay
536	Safety Supply	F-200-AG, F-160-AG F-800-AG	F-160, F-200 or F-800 facepiece AG (IC-23C-536) cartridges
537	Safety Supply	F-700-AG	F-700 full facepiece PF-6 noseclip (optional) AG (IC-23C-536) cartridges
538	Safety Supply	F-200-OV, F-160-OV F-800-OV	F-160, F-200, or F-800 facepiece OV (IC-23C-538) cartridges
539	Safety Supply	F-700-OV	F-700 full facepiece PF-6 noseclip (optional) OV (IC-23C-538) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
540	Safety Supply	F-200-OV-F-SP F-160-OV-F-SP F-800-OV-F-SP	F-160, F-200 or F-800 facepiece OV (TC-23C-538) cartridges FSP (TC-23C-540) prefilter P-9 filter retaining rings
541	Safety Supply	F-700-OV-F-SP	F-700 full facepiece PF-6 noseclip (optional) OV (TC-23C-538) cartridges F-SP (TC-23C-540) prefilter P-9 filter retaining rings
542	Safety Supply	F-160-OA, F-200-OA F-800-OA	F-160, F-200 or F-800 facepiece OA (TC-23C-542) cartridges
543	Safety Supply	F-700-OA	F-700 full facepiece PF-6 noseclip (optional) OA (TC-23C-542) cartridges
544	Safety Supply	F-160-AM, F-200-AM F-800-AM	F-160, F-200 or F-800 facepiece AM (TC-23C-544) cartridges
545	Safety Supply	F-700-AM	F-700 full facepiece PF-6 noseclip (optional) AM (TC-23C-544) cartridges
546	Safety Supply	F-160-PT, F-200-PT F-800-PT	F-160, F-200 or F-800 facepiece AM (TC-23C-546) cartridges
547	Safety Supply	F-700-PT	F-700 full facepiece PF-6 noseclip (optional) PT (TC-23C-547) cartridges
548	Safety Supply	F-160-OV-F-P, F-200-OV-F-P F-800-OV-F-P	F-160, F-200 or F-800 facepieces OV (TC-23C-538) cartridges FP (TC-23C-548) prefilter P-9 filter retaining rings

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
549	Safety Supply	F-700-OV-F-P	F-700 full facepiece PF-6 noseclip (optional) OV (TC-23C-548) prefilter OV (TC-23C-538) cartridges P-9 filter retaining rings
550	Safety Supply	F-160-AG-F-P F-200-AG-F-P T-800-AG-F-P	F-160, F-200 or F-800 facepieces OV (TC-23C-536) cartridges FP (TC-23C-548) prefilter P-9 filter retaining rings
551	Safety Supply	F-700-AG-F-P	F-700 full facepiece PF-6 noseclip (optional) AG (TC-23C-536) cartridges FP (TC-23C-548) prefilter P-9 filter retaining rings
552	Safety Supply	F-160-OA-F-P F-200-OA-F-P F-800-OA-F-P	F-160, F-200 or F-800 facepieces OA (TC-23C-542) cartridges FP (TC-23C-548) prefilter P-9 filter retaining rings
553	Safety Supply	F-700-OA-F-P	F-700 full facepiece PF-6 noseclip (optional) OA (TC-23C-542) cartridges FP (TC-23C-548) prefilter P-9 filter retaining rings
554	Pulmosan	10438, 10441 11060	10987 respirator body with 10924 or 10954 face cushion, 17360 (TC-23C-554) cartridges 17324 (TC-23C-554) filter 10978 filter retainers
555	Willson	1521, 1521R, 1521SS	1500 facepiece R21 (TC-23C-50) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
556	Willson	3521, 3521R 3521SS	1500-B facepiece R760 blower assembly R21 (TC-23C-50) cartridges
557	Willson	1531, 1531R, 1531SS	1500 facepiece R31 (TC-23C-393) cartridges
558	Willson	3531, 3531R, 3531SS	1500-B facepiece R760 blower assembly R31 (TC-23C-393) cartridges
559	Willson	1524, 1524R, 1524SS	1500 facepiece R24 (TC-23C-70) cartridges
560	Willson	3524, 3524R, 3524SS	1500-B facepiece R760 blower assembly R24 (TC-23C-70) cartridges
561	Willson	1534, 1534R, 1534SS	1500 facepiece R34 (TC-23C-289) cartridges
562	Willson	3534, 3534R, 3534SS	1500-B facepiece R-760 blower assembly R34 (TC-23C-289) cartridges
563	Willson	1525, 1525R, 1525SS	1500 facepiece R25 (TC-23C-76) cartridges
564	Willson	3525, 3525R, 3525SS	1500-B facepiece R760 blower assembly R25 (TC-23C-76) cartridges
565	Willson	1535, 1535R, 1535SS	1500 facepiece R35 (TC-23C-298) cartridges
566	Willson	3535, 3535R, 3535SS	1500-B facepiece R760 blower assembly R35 (TC-23C-298) cartridges

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
567	Willson	152110, 152110R 152110SS	1500 facepiece R10 (TC-21C-140) filters R21 (TC-23C-50) cartridges R682 filter retainers
568	Willson	352110, 352110R 352110SS	1500-B facepiece R760 blower assembly R10 (TC-21C-140) filters R21 (TC-23C-50) cartridges R682 filter retainer
569	Willson	152113, 153113R 152113SS	1500 facepiece R21 (TC-23C-50) cartridges R13 (TC-23C-52) filters
570	Willson	352113, 352113R 352113SS	1500-B facepiece R760 blower assembly R21 (TC-23C-50) cartridges R13 (TC-23C-52) filters
571	Willson	152115, 152115R 152115SS	1500 facepiece R21 (TC-23C-50) cartridges R15 (TC-23C-54) filters R683 filter retainers
572	Willson	352115, 352115R 352115SS	1500-B facepiece R760 blower assembly R15 (TC-23C-54) filters R21 (TC-23C-50) cartridges R683 filter retainers
573	Willson	152116, 152116R 152116SS	1500 facepiece R21 (TC-23C-50) cartridges R16 (TC-23C-258) filter R683 filter retainers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
574	Willson	352116, 352116R 352116SS	1500-B facepiece R760 blower assembly R21 (TC-23C-50) cartridges R16 (TC-23C-258) filter R683 filter retainers
575	Willson	152410, 152410R 152410SS	1500 facepiece R24 (TC-23C-70) cartridges R10 (TC-23C-140) filters R683 filter retainers
576	Willson	352410, 352410R 352410SS	1500-B facepiece R760 blower assembly R24 (TC-23C-70) cartridges R10 (TC-23C-140) filters R683 filter retainers
577	Willson	152510, 152510R 152510SS	1500 facepiece R25 (TC-23C-76) cartridges R10 (TC-23C-140) filters R683 filter retainers
578	Willson	352510, 352510R 352510SS	1500-B facepiece R760 blower assembly R25 (TC-23C-76) cartridges R10 (TC-23C-140) filters R683 filter retainers
579	Willson	153112, 153112R 153112SS	1500 facepiece R31 (TC-23C-293) cartridges R12 (TC-21C-142) filters
580	Willson	353112, 353112R 353112SS	1500-B facepiece R760 blower assembly R31 (TC-23C-293) cartridges R12 (TC-23C-142) filters R683 filter retainers

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
581	Willson	153412, 153412R 153412SS	1500 facepiece R34 (TC-23C-289) cartridges R12 (TC-21C-142) filters
582	Willson	353412, 353412R 353112SS	1500-B facepiece R760 blower assembly R34 (TC-23C-289) cartridges R12 (TC-23C-142) filters
583	Willson	153512, 153512R 153512SS	1500 facepiece R35 (TC-23C-298) cartridges R12 (TC-21C-142) filters
584	Willson	353512, 353512R 353512SS	1500-B facepiece R760 blower assembly R35 (TC-23C-298) cartridges R12 (TC-23C-142) filters
585	A0	R4058A, S4058A R5058A, S5058A R6058A, S6058A	50440 or 50442 (small), 50119 or 50141 (medium) 50625 or 50635 (large) basic half mask assembly R58A (TC-23C-585) cartridge
586	A0	R7058A, S7058A	50639 or 50638 full facepiece assembly 51504 or 51500 nosecup (optional) R58A (TC-23C-585) cartridges
587	A0	R4563A, R5563A S4563A, S5563A F6563A, S6563A	50440 or 50442, 50119, 50141 or 50625 or 50635 half mask assembly R563A (TC-23C-587) cartridge
588	A0	R7563A, S7563A	50369 or 50368 full respirator assembly 51504 or 51500 nosecup (optional) R563A (TC-23C-587) cartridges
589	Racal	BE 1/K	60-01-61 helmet, AS908 or AS10408 breathing tube, 22-01-02 unit, 60-03-09 battery pack, RAS1900 hose clamp, 22-25-00 belt, 22-10-30 (TC-23C-589) cartridges, AS10462 vehicle adapter, AS915 visor assy., AS10373 harness assembly

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number IC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
590	Racal	BE 3/KC BE 7/KC	57-01-04 or 55-01-04 full facepiece, 22-01-02 turbo unit, 60-03-09 battery pack, 55-20-01 or 55-20-08 breathing tube, assy, RAS1900 hose clamp, 22-25-00 belt and 22-10-30 (*IC-23C-589) cartridges, AS10462 vehicle adapter, AS10373 harness assy., AS10282 visor overlay
591	Racal	BE 5/K	35-10-00 hood, 22-01-02 turbo unit, 60-03-09 battery pack, 62-53-02 or AS10373 breathing tube assy., RAS1900 hose clamp, 22-25-00 belt, 22-10-30 (IC-23C-589) cartridges, AS10462 vehicle adapter
592	Racal	BE 6/K	30-00-03 or 30-00-06 crown, 22-01-02 turbo unit, 60-03-09 battery pack, AS908 breathing tube, RAS1900 hose clamp, 22-25-00 belt, 22-10-30 (IC-23C-589) cartridges, AS10408 breathing tube, AS10464 visor overlay, AS10373 harness assy., AS10462 vehicle adapter
593	Racal	BE 1/E	60-01-61 helmet assy., 22-01-02 turbo unit, 60-03-09 battery pack, AS908 breathing tube, RAS1900 hose clamp, 22-25-00 belt, 22-10-32 (IC-23C-593) cartridges
594	Racal	BE 3/EC BE 7/EC	57-01-04 or 55-01-04 facepiece, 22-01-02 turbo unit, 60-03-09 battery pack, 55-20-01 breathing tube, RAS1900 hose clamp, 22-25-00 belt, 22-10-32 (IC-23C-593) cartridges 55-20-08 breathing tube, AS10462 vehicle adapter
595	Racal	BE 5/E	35-10-00 hood assy., 22-01-02 turbo unit, 60-03-09 battery pack, 62-53-02 breathing tube, RAS1900 hose clamp, 22-25-00 belt, 22-10-32 (IC-23C-593) cartridges, AS10373 harness assy., AS10282 visor overlay
596	Racal	BE 6/E	30-00-03 or 30-00-06 crown assy., 22-01-02 turbo unit, 60-03-09 battery pack, AS908 or AS10408 breathing tube, RAS1900 hose clamp, AS10373 harness assembly, AS10374 visor overlay, 22-25-00 belt, 22-10-32 (IC-23C-593) cartridges.

* Denotes obsolete or unavailable

Table II-5. Chemical-cartridge respirators component parts, by approval number.

Approval number TC-23C-	Approval issued to	Model number(s)	Component parts, number(s) and description
597	Racal	BE 1/EP3	60-01-61 helmet assy, 22-01-02 turbo unit, 61100 battery pack, AS908 or AS10408 breathing unit, RAS1900 hose clamp, 22-25-00 belt, AS915 visor overlay, AS10373 harness assembly, AS10462 vehicle adapter, 22-10-26 (TC-23C-597) cartridges
598	Racal	BE 3/EP3 BE 7/EP3	57-01-04 or 55-01-04 full facepiece, 22-01-02 turbo unit, 61100 battery pack, 55-20-01 or 55-20-08 breathing tube, RAS1900 hose clamp, 22-25-00 belt, 22-10-26 (TC-23C-597) cartridges, AS10282 visor overlay, AS10373 harness assy., AS10462 vehicle adapter
599	Racal	BE 5/EP3	35-10-00 hood assy, 22-01-02 turbo unit, 61100 battery pack, 62-53-02 or AS10465 breathing tube, RAS1900 hose clamp, 22-25-00 belt, 22-10-26 (TC-23C-597) cartridges, AS10373 harness assy., AS10462 vehicle adapter
600	Racal	BE 6/EP3	30-00-03 or 30-00-06 crown assy., 22-01-02 turbo unit, 61100 battery pack, AS908 or AS10465 breathing tube, RAS1900 hose clamp, 22-25-00 belt, 22-10-26 (TC-23C-597) cartridges, AS10464 visor overlay, AS10363 harness assy., AS10462 vehicle adapter
601	AO	R9722A	50824 respirator assembly R722A (TC-23C-601) cartridge
602	Racal	BE 17/AP3	The approved assembly consists of the following Racal parts: 22-01-02 turbo unit, AS10462 vehicle adapter, AS908 or AS10408 breathing tube, RAS1900 hose clamp, 22-25-00 belt, AS901-17 welding helmet assy., and 22-10-29 (TC-23C-482) cartridges.

* Denotes obsolete or unavailable

Table II-6. Vinyl chloride respirators component parts, by approval number.

Approval number TC-11-	Approval issued to	Model number(s)	Component parts, number(s) and description
1	Scott	601460-01 601460-03 601460-11 601460-13	802281-01 or 802281-02, facepiece. 64152-02, valve assembly. 600309-00, harness assembly with with 600323-01, breathing tube 084-VCL, canister

NAMES AND ADDRESSES OF MANUFACTURERS AND DISTRIBUTORS

A-BEC Industries, 1864 Vanderhorn Drive Memphis, TN 38134.
Ace Enterprises, 820 Northwest 144th St., Miami, FL 33168.
Acme Automotive Finishes, 101 Prospect Ave., Cleveland, OH 44115.
AGA Corporation, 550 County Avenue, Secaucus, NJ 07094
Air Components and Equipment, Inc., P.O. Box 16988, Tampa, FL 33687.
Air-Tek, Co., 10205 Crosstown Circle, Eden Prairie, MN 55344.
American Optical Corp., Safety Products Div., 14 Mechanic Street, Southbridge, MA 01550.
Anderson Manufacturing Co., 1014 Fox Chase Road, Rockledge, PA 19111.
Bendix Corporation, P.O. Drawer 831, Lewisburg, WV 24901.
Binks Manufacturing Co., 9201 W. Belmont Ave., Franklin Park, IL 60131.
Bowen Tools, Inc., P.O. Box 3186, Houston, TX 77001.
Bullard, E. D., Co., 2680 Bridgeway, Sausalito, CA 94965.
CSE Corporation, 600 Seco Road, Monroeville, PA 15146.
Cesco Safety Products, Parmelee Industries, Inc., P.O. Box 1237, Kansas City, MO 64141.
Clark Sand Company, Inc., P.O. Box 4267, No. Erhmann Street, Pensacola, FL 32507.
Clemco Industries, 1950 Elkhorn Court, San Mateo, CA 94120.
Clemtex, Ltd., 248 McCarthy Drive, Houston, TX 77020.
Clifton Precision, Division of Litton, Ind., P.O. Box 303, Rt. 113, Frederica DE 19946.
Cover, H.S. Co., 107 East Alexander St., Buchanan, MI 49107.
Defense Apparel, 285 Murphy Road, Hartford, CT 06114.
DeVilbiss Company, 300 Phillips Ave., P.O. Box 913, Toledo, OH 43692.
Dragerwerk, AG, D-24 Luebeck 1, Postfach 1339, West Germany.
Eastern Safety Equipment Co., 45-17 Pearson St., Long Island City, NY 11101.
Empire Abrasive Equipment Corp., 9990 Gantry Road, Philadelphia, PA 19115.

Encon Manufacturing Co., 4914 Dickson St., Houston, TX 77007.

Fiber-Metal, P.O. Box 248, Concordville, PA 19331.

Gerson, Louis, 15 Sproat Street, Middleboro, MA 03246.

Glendale Optical Co., 130 Crossways Park Drive, Woodbury, NY 11797.

Globe Safety Products, Inc., 125 Sunrise Place, Dayton, OH 45407.

International Safety Instruments, Inc., P.O. Box 846, Lawrenceville, GA 30246.

Kelco Sales & Engineering Co., P.O. Box 422, Norwalk, CA 90650.

Key Houston, Inc., 13911 Atlanta Blvd., Jacksonville, FL 32225.

Lancs Industries, Inc., 12704 NE 124th St., Kirkland, WA 98003-4091.

Mohawk Industrial Supply Company, P.O. Box 945, Manchester, CT 06040.

Moldex-Metric Inc., 4671, Sealy Street, Culver City, CA 90230.

Mine Safety Appliances Co., 400 Penn Center Blvd., Pittsburgh, PA 15235.

3M Company, 3M Center, Building 230-B, St. Paul, MN 55101.

National Draeger, Inc., 101 Technology Drive, Pittsburgh, PA 15230.

National Mine Service, 4900/600 Grant Street, Pittsburgh, PA 15219.

Neoterik Health Technologies, Inc., P.O. Box 78, Mt. Airy, MD 21771.

North Safety Products, 2000 Plainfield Pike, Cranston, RI 02920

Northcott Products Co., 1826 W. Diversey Parkway, Chicago, IL 60614.

Nuclear Power Outfitters, P.O. Box 84, Crystal Lake, Illinois 60014.

Ocenco, Inc., P.O. Box 8, Route 22, East, Blairsville, PA 15717.

Pauli & Griffin, 137 Utah Ave., South San Francisco, CA 94080.

Industrie Pirelli, Axienda Articoli Vari Roma, Via di Torrespaccata 140, 00169, Rome, Italy.

Portable Air Supply Systems Corporation, 722 Bolivar Road, Cleveland, OH 44115.

Porter Warner Industries, 3819 Dorris Street, P.O. Box 2158, Chattanooga, TN 37409.

Pulmosan Safety Equipment Corp., 30-48 Linden Place, Flushing, NY 11354.

Racal Airstream, Inc., 7209A Grove Road, Frederick, MD 21701.

Rexnord Safety Products, Inc., 45 Great Valley Center, Malvern, PA 19355.

Robertshaw Controls Co., 333 North Euclid Way, Anaheim, CA 92803.

Safe-Tex, Toronto, Ontario, CANADA.

Safety and Supply Co., 5510 East Marginal Way South, Seattle, WA 98134.

Safety and Supply Co., Toronto, Ontario, Canada.

Schmidt Manufacturing Inc., 14400 Alameda Road, P.O. Box 45857, Houston, TX 77045.

Scott Aviation A Figgie International Company, 225 Erie Street, Lancaster, NY 14086.

Sellstrom Manufacturing Co., 59 E. Van Buren St., Chicago, IL 60605.

Siebe-Norton Safety Products, 2000 Plainfield Pike, Cranston, RI 02920.

Siebe Gorman, Ltd., Chessington Surrey, ENGLAND.

Standard Safety Equipment Corp., P.O. Box 188, Palatine, IL 60067.

Stewart-Warner, Chicago, IL.

Sulliblast, Division of Sullair, Inc., 105 Lauren Drive, Belle Chase, LA 70037.

SurvivAir, Division of USD Corp., 3323 W. Warner Ave., Santa Ana, CA 92702.

The Marthens Company, 1044 S. Dittmer Street, Davenport, IA 52802.

Titan Abrasive Systems, Inc., P.O. Box 3, Furlong, PA 18925.

United States Safety Service, Parmelee Industries, Inc., P.O. Box 1237, Kansas City, MO 64141.

Inco, Willson Division, 2nd & Washington Sts., Reading, PA 19603.

Zee Medical Products Co., Irvine, CA 92714.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Centers for Disease Control
National Institute for Occupational
Safety and Health - ALOSH
944 Chestnut Ridge Road
Morgantown, WV 26505
February 29, 1984

RESPIRATOR USERS NOTICE

Reduced Service Pressure and Physical Examination of
4500 psi Hoop-wrapped Aluminum Cylinders Manufactured by
Luxfer USA Ltd., 1995 3rd Street, Riverside, CA 92507.

The National Institute for Occupational Safety and Health (NIOSH) has been informed of two recent actions which affect the continued safe use of Luxfer 4500 psi hoop-wrapped aluminum cylinders and the certified status of self-contained breathing apparatus incorporating them in their assemblies.

(1) The Department of Transportation (DOT) has announced in the Federal Register that in order to accomplish a reduction in the sustained stress in 4500 psi hoop-wrapped aluminum cylinders manufactured by Luxfer under Exemption DOT-E 7235, the maximum cylinder charging pressure must be reduced from 4500 to 4000 psi, effective February 28, 1984. This restriction does not apply to 4500 psi fully-wrapped aluminum cylinders.

(2) Luxfer USA Ltd. has determined that some 4500 psi/DOT-E 7235 hoop-wrapped aluminum cylinders manufactured prior to May, 1981, may rupture or develop longitudinal cracks in the threaded section of the cylinder neck. All such cylinders with manufacturing dates before May, 1981, should be immediately examined in accordance with Luxfer's instructions which may be obtained from the self-contained breathing apparatus manufacturer. Cylinders manufactured after May, 1981, should be examined during the normal hydrostatic test.

The following self-contained breathing apparatus certified by the Mine Safety and Health Administration (MSHA) and NIOSH, incorporate 4500 psi/DOT-E 7235 hoop-wrapped aluminum cylinders manufactured by Luxfer:

<u>Manufacturer</u>	<u>Approval No.</u>	<u>Model No.</u>
AGA	TC-13F-133	4530
Clifton Precision (Bendix)	TC-13F-136	7010421-1, -2, -3, -4
MSA	TC-13F-142	473640, 473645
National Draeger	TC-13F-119	4059-200, -201, -202, -203, -204, -205, -206
Siebe Gorman	TC-13F-99	014422.16
Scott	TC-13F-73	900450-00, -01, -30, -31
	TC-13F-76	900455-00, -01, -10, -11, -20, -21, -30, -31, -40, -41, -50, -51
USD	TC-13F-82	9045-20, -22; 9845-20, -22
	TC-13F-108	9840-00, -01, -02, -03, -20, -21, -22, -23 9841-21, -23

Reduction of Service Pressure

Users of self-contained breathing apparatus incorporating any Luxfer 4500 psi/DOT-E 7235 hoop-wrapped aluminum cylinders (including those manufactured before and after May, 1981) should immediately reduce the pressure in such cylinders from 4500 to 4000 psi. Pressure reduction may be safely accomplished by attaching the cylinder to a self-contained breathing apparatus and following the breathing apparatus manufacturer's instructions for depressurization until the cylinder pressure has reached 4000 psi. DO NOT OPEN THE VALVE OF ANY PRESSURIZED CYLINDER THAT IS NOT ATTACHED TO A SELF-CONTAINED BREATHING APPARATUS OR OTHER DEVICE THAT WILL SAFELY CONTAIN THE RELEASED PRESSURE. When depleted Luxfer 4500 psi/DOT-E 7235 hoop-wrapped aluminum cylinders are recharged after use, the maximum pressure of 4000 psi must not be exceeded.

Status of MSHA/NIOSH Certifications

The reduction in maximum service pressure from 4500 to 4000 psi affects the MSHA/NIOSH certification of the self-contained breathing apparatus to the extent that they will no longer meet the service time requirements of Title 30 Code of Federal Regulations Part 11 for a 30-minute duration apparatus. Therefore it is necessary for NIOSH to temporarily revise the certifications for these apparatus to continue their certified status. After consideration of the several factors involved in the maximum pressure reductions, NIOSH has decided to temporarily reduce the certification rated service time for each of the apparatus listed above, from 30 minutes to not less than 25 minutes. The revised certifications will be effective until further action is taken by DOT, at which time they will be further revised, cancelled, or made official by publication in the Federal Register. This temporary change does not otherwise affect the certifications of these apparatus.

Respirator users should immediately take the reduced service time into consideration in their continued use of the apparatus. NIOSH will also temporarily modify the certification to the extent of continuing to require the remaining service time indicator to continue to function within the range of 20 to 25 percent of the original 30-minute service time rating. Therefore, users will observe no change in the amount of service time remaining after initial activation of the remaining service time indicator, and will have the usual service time available for escape from an atmosphere immediately dangerous to life or health.

Physical Examination of Cylinders

Users of self-contained breathing apparatus incorporating any Luxfer 4500 psi/DOT-E 7235 hoop-wrapped aluminum cylinders should immediately observe the manufacturing date of each such cylinder. This date is either stamped on the cylinder neck or is printed on a label which appears on the side of the cylinder under the outer filament wrapping. Hoop-wrapped cylinders may be identified by lack of filament winding on the bottom and neck areas. Luxfer recommends that each of their 4500 psi/DOT-E 7235 hoop-wrapped aluminum cylinders manufactured before May, 1981, be removed from service, be completely depressurized, devalved, and examined according to Luxfer's instructions which may be obtained from the self-contained breathing apparatus manufacturer. Contact the respirator manufacturer or distributor if you have not received the necessary instructions. Cylinders manufactured after May, 1981, should be examined during the normal hydrostatic test.

If no defects are found during this examination, the cylinder may be revalved, recharged, and returned to service. These cylinders and cylinders manufactured after May, 1981, should be recharged in accordance with the requirements specified above.

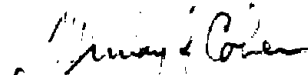
Status of OSHA Requirements

The Occupational Safety and Health Administration (OSHA) has been advised of the temporary change in rated service time, since OSHA regulations (Title 29 Code of Federal Regulations Part 1910.156) require use of 30-minute pressure-demand self-contained breathing apparatus for certain fire-fighting operations. OSHA has informed NIOSH that OSHA will permit use of apparatus with a not less than 25-minute service time rating where users fully comply with this notice, and will continue to allow their use until final resolution of this problem.

General Recommendations

Users of self-contained breathing apparatus which incorporate Luxfer 4500 psi/DOT-E 7235 hoop-wrapped aluminum cylinders should observe the specific details described above in their continued use of the apparatus. In addition, NIOSH strongly advises that the following general recommendations be followed by users of these apparatus:

1. Observe proper and safe cylinder charging techniques. Personnel charging cylinders should not be directly exposed to the cylinder under charge. Suitable guards should be installed to prevent injury or death to personnel and damage to property in the event a cylinder ruptures during charging.
2. Observe the 3-year hydrostatic testing schedule. DOT has specified this testing period for the safety of the user and it should not be extended by the user.
3. Examine the cylinder exterior carefully at each regular inspection for visible cracks or other indications of possible or potential failure.
4. Handle apparatus incorporating these cylinders with a reasonable amount of care.



John B. Moran

Director

Division of Safety Research



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Centers for Disease Control
National Institute for Occupational
Safety and Health — ALOSH
944 Chestnut Ridge Road
Morgantown, WV 26505

May 9, 1984

RESPIRATOR USERS NOTICE

Robertshaw RAM-5 Combination Self-contained
and Supplied-air Respirator
MSHA/NIOSH Approval Number TC-13F-64

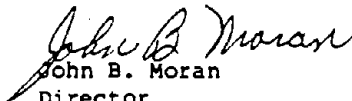
Manufactured by Robertshaw Controls Company
Anaheim, California

Robertshaw Controls Company has voluntarily instituted a recall of the RAM-5 Combination 5-minute Emergency Escape Self-contained Breathing Apparatus and Supplied-air Respirator (MSHA/NIOSH Approval Number TC-13F-64). Robertshaw has advised users known to it of this problem by telephone and a recall notice dated January, 1984. However, Robertshaw Controls Company has only been able to recover or account for 117 out of 700 possible units. The National Institute for Occupational Safety and Health (NIOSH) encourages all users of the RAM-5 to comply with this recall request if they haven't already done so.

During audit testing of two RAM-5 respirators, one unit was found to have a leak in the bulkhead disconnect which connects the hose from the start valve assembly to the hose leading to the mask assembly. Investigation, by Robertshaw, has shown that the leak is caused by inadequate engagement between the internal hose fitting and the bulkhead disconnect. Subsequently, three other RAM-5 respirators have been found to have leakage in this area. This problem will result in shortened service time of the self-contained air supply and could also malfunction when used with supplied air.

In view of the critical nature of this failure, this respirator should not be used until it has been thoroughly tested by an authorized representative or the manufacturer.

All owners of Robertshaw RAM-5 respirators should contact Robertshaw Controls Company (Ray Rateike, 333 North Euclid Way, Anaheim, California 92803, 714-535-8151) for further information.


John B. Moran
Director
Division of Safety Research