

**GAS MASKS (14G)**

B. Gas Masks

1. Ammonia

Approval

Approved for respiratory protection against ammonia.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types.

Follow the manufacturer's instructions for changing canisters.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

GAS MASKS - AMMONIA

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other gas and Vapor Approval
88	MSA	Fm	FF	DM	
93	Willson	Fm	FF	DFM	MA
96	MSA	Bm	FF	HA	OV/CO/AG
101	MSA	Bm	FF	DM	
103	Scott	Fm	FF	DM	MA
111	North	Fm	FF		
112	MSA	Fm	FF	DFM	OV/CI
121	Pirelli	Fm	FF		
126	MSA	Fm	FF	DM	
128	Pirelli	Fm	FF	H	
132	Racal	PAPR	FF		MA
137	MSA	SAR	FF		
140	Scott	Fm	FF	DM	OV/CI/HCl MA/H <sub>2</sub> S
144	Willson	Fm	FF	DFM	MA
148	MSA	Bm	FF	DM	OV/CI
151	MSA	Bm	FF	DM	
157	MSA	Bm	FF	DM	OV/CI
163	Pulmosan	Fm	FF	DFM	MA

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166	MSA	Bm	FF	DM	
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171	MSA	Fm	FF	DM	OV/CI
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## 2. Chlorine

### Approval

Approved for respiratory protection against chlorine.

### Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types and page 9 for gas and vapor.

Follow the manufacturer's instructions for changing canisters.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

GAS MASKS - CHLORINE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other gas and Vapor Approval
89	MSA	Fm	FF	DM	
95	Willson	Fm	FF	DFM	
98	MSA	Bm	FF	DM	OV/H2S/PH3
102	Scott	Fm	FF	DM	
105	MSA	Fm	FF	HA	
106	MSA	Fm	FF	H	
112	MSA	Fm	FF	DFM	OV/NH3
113	MSA	SAR	ON	HA	
114	MSA	SAR	ON	HA	
118	Scott	Fm	FF	H	
123	Racal	PAPR	FF		HCl
130	Scott	Fm	FF	DM	HCl/H2S CH2-O
131	Scott	Fm	FF	HRA	HCl/H2S CH2-O
140	Scott	Fm	FF	DM	OV/MA/HCl NH3/H2S
143	Willson	Fm	FF	DFM	
147	MSA	Bm	FF	DM	
148	MSA	Bm	FF	DM	OV,NH3

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153	MSA	Bm	FF	DM	
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157	MSA	Bm	FF	DM	OV/NH3
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158	MSA	Bm	FF	DM	H2S/OV/PH3/ CLO2
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162	Pulmosan	Fm	FF	DFM	
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170	MSA	Bm	FF	DM	
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171	MSA	Bm	FF	DM	OV/NH3
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### 3. Sulfur Dioxide

#### Approval

Approved for respiratory protection against sulfur dioxide.

#### Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types.

Follow the manufacturer's instructions for changing canisters.

Do not use in concentrations which generate high heats of reaction with sorbent material.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.



GAS MASKS - SULFUR DIOXIDE

<b>Approval Number TC-14G-</b>	<b>Approval Issued to</b>	<b>Respirator Type</b>	<b>Facepiece Type</b>	<b>DFM Approval</b>	<b>Other gas and Vapor Approval</b>
92	MSA	Fm	FF	DM	

#### 4. Acid Gases

##### Approval

Approved for respiratory protection against acid gases.

##### Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types.

Follow the manufacturer's instructions for changing canisters.

Do not use in concentrations which generate high heats of reaction with sorbent material.

Not for use against gases and vapors with poor warning properties.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

GAS MASKS - ACID GAS

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other gas and Vapor Approval
96	MSA	Bm	FF	HA	OV/CO/AG
100	MSA	Bm	FF	DM	OV/HCN
107	MSA	Fm	FF	DM	OV
127	Willson	Fm	FF	DM	OV
129	Scott	Fm	FF	DM	OV/H2S CH2-O
133	Racal	PAPR	FF		
145	Willson	Fm	FF	DM	OV
149	MSA	Bm	FF	DM	OV
155	MSA	Bm	FF	DM	OV
164	Pulmosan	Fm	FF	DM	OV
169	MSA	Bm	FF	DM	OV
174	MSA	Bm	FF	DM	OV/CH2-O
175	MSA	Bm	FF	DM	OV/CH2-O
176	MSA	Fm	FF	DM	OV/CH2-O

## 5. Organic Vapors

Approved for respiratory protection against organic vapors.

### Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types.

Follow the manufacturer's instructions for changing canisters.

Do not wear for protection against gases or vapors with poor warning properties or those which generate high heats of reaction with sorbent materials in the canister.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

GAS MASKS - ORGANIC VAPOR

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other gas and Vapor Approval
86	MSA	Fm	FF	HA	Pest
87	MSA	Fm	FF	DM	
96	MSA	Bm	FF	HA	NH3/CO/AG
97	MSA	Bm	FF	DM	
98	MSA	Bm	FF	DM	Cl/H2S/PH3
99	MSA	Bm	FF	H	Pest
100	MSA	Bm	FF	DM	AG/HCN
104	Scott	Fm	FF	DM	
107	MSA	Fm	FF	DM	AG
108	MSA	Fm	FF	HA	
110	North	Fm	FF		
112	MSA	Fm	FF	DFM	NH3/Cl
115	MSA	Fm	FF	HA	
116	MSA	Fm	ON	HA	
117	Scott	Fm	FF	H	Pest
119	Pirelli	Fm	FF		
120	Pirelli	Fm	FF	H	
122	Racal	PAPR	FF		

124	MSA	SAR	FF	HA	Pest
125	MSA	SAR	FF	DM	AG
127	Willson	Fm	FF	DM	AG
129	Scott	Fm	FF	DM	AG/CH2-O H2S
136	MSA	SAR	FF	DM	
138	MSA	SAR	FF	HA	Pest
139	MSA	SAR	FF	HA	
140	Scott	Fm	FF	DM	MA/CI/HCI NH3/H2S
141	National Draeger	Fm	FF	H	
142	Willson	Fm	FF	DFM	Pest
145	Willson	Fm	FF	DM	AG
148	MSA	Bm	FF	DM	CI/NH3
149	MSA	Bm	FF	DM	AG
150	MSA	Bm	FF	DM	
152	MSA	Bm	FF	HA	Pest
154	MSA	Bm	FF	HA	
155	MSA	Bm	FF	DM	AG
157	MSA	Bm	FF	DM	CI/NH3

158	MSA	Fm,Bm	FF	DM	CI/H2S/PH3/ CLO2
161	Pulmosan	Fm	FF	DFM	Pest
164	Pulmosan	Fm	FF	DM	AG
165	MSA	Bm	FF	DM	
167	MSA	Bm	FF	HA	Pest
168	MSA	Bm	FF	HA	
169	MSA	Bm	FF	DM	AG
171	MSA	Bm	FF	DM	CI/NH3
174	MSA	Bm	FF	DM	AG/CH2-O
175	MSA	Bm	FF	DM	AG/CH2-O
176	MSA	Fm	FF	DM	AG/CH2-O

6. Carbon Monoxide

Approval

Approved for respiratory protection against carbon monoxide.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types.

Follow the manufacturer's instructions for changing canisters.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.



GAS MASKS - CARBON MONOXIDE

<b>Approval Number TC-14G-</b>	<b>Approval Issued to</b>	<b>Respirator Type</b>	<b>Facepiece Type</b>	<b>DFM Approval</b>	<b>Other gas and Vapor Approval</b>
82	MSA	Es	MP		
83	Drager	Es	MP		
96	MSA	Bm	FF	HA	NH3/OV/AG
173	Drager	Es	MP		

## 7. Pesticides

### Approval

Approved for respiratory protection against pesticides.

### Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types.

Follow the manufacturer's instructions for changing canisters.

Do not wear for protection against gases or vapors with poor warning properties or those which generate high heats of reaction with sorbent materials in the canister.

Not approved for fumigants.

Refer to pesticide label for limitations on respirator use.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

GAS MASKS - PESTICIDE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other gas and Vapor Approval
86	MSA	Fm	FF	HA	OV
94	Willson	Fm	FF	DFM	OV
99	MSA	Bm	FF	H	OV
117	Scott	Fm	FF	H	OV
124	MSA	SAR	FF	HA	OV
138	MSA	SAR	FF	HA	OV
142	Willson	Fm	FF	DFM	OV
152	MSA	Bm	FF	HA	OV
161	Pulmosan	Fm	FF	DFM	OV
167	MSA	Fm	FF	HA	OV

8. Other gases and vapors

Approval

See approval labels for approved maximum use concentration and for specific limitations.

Limitations

Not for use in atmospheres immediately dangerous to life or health.

Not for use in atmospheres containing less than 19.5 percent oxygen.

Refer to approval label and instruction and maintenance manuals for additional information on use and maintenance of these respirators.

In making renewals and repairs, parts identical with those furnished by the manufacturer under the pertinent approval shall be maintained.

Approval may include protection against particulates or other gases and vapors. The type of additional approval is listed in the last two columns. See page 10 for definitions of particulate types.

Follow the manufacturer's instructions for changing canisters.

This respirator shall be selected, fitted, used and maintained in accordance with Mine Safety and Health Administration and other applicable regulations.

GAS MASKS - OTHER GASES AND VAPORS - CHLORINE DIOXIDE

<b>Approval Number TC-14G-</b>	<b>Approval Issued to</b>	<b>Respirator Type</b>	<b>Facepiece Type</b>	<b>DFM Approval</b>	<b>Other Gas and Vapor Approval</b>
158	MSA	Fm	FF	DM	OV/CVH2S/ PH3

GAS MASKS - OTHER GASES AND VAPORS - VINYL CHLORIDE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other Gas and Vapor Approval
84	MSA	Bm	FF		
85	Scott	Bm	FF		
91	North	Bm	FF		

GAS MASKS - OTHER GASES AND VAPORS - PHOSPHINE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other Gas and Vapor Approval
98	MSA	Bm	FF	DM	OV/H2S/CI
158	MSA	Bm	FF	DM	OV/H2S/CI/ CLO2
178	National Draeger	Fm		FF	HOV/H2S/CI/ CLO2

GAS MASKS - OTHER GASES AND VAPORS - HYDROGEN SULFIDE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other Gas and Vapor Approval
98	MSA	Bm	FF	DM	OV/PH3/Cl
129	Scott	Fm	FF	DM	OV/AG/ CH2-O
130	Scott	Fm	FF	DM	Cl/HCl CH2-O
131	Scott	Fm	FF	HRA	Cl/HCl CH2-O
140	Scott	Fm	FF	DM	OV/Cl/HCl NH3/MA

GAS MASKS - OTHER GASES AND VAPORS - HYDROGEN SULFIDE

<b>Approval Number TC-14G-</b>	<b>Approval Issued to</b>	<b>Respirator Type</b>	<b>Facepiece Type</b>	<b>DFM Approval</b>	<b>Other Gas and Vapor Approval</b>
158	MSA	Bm	FF	DM	Cl/OV/PH3/ ClO2



GAS MASKS - OTHER GASES AND VAPORS - HYDROGEN CHLORIDE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other Gas and Vapor Approval
123	Racal	PAPR	FF		Cl
130	Scott	Fm	FF	DM	Cl/H <sub>2</sub> S CH <sub>2</sub> -O
131	Scott	Fm	FF	HRA	Cl/H <sub>2</sub> S CH <sub>2</sub> -O
140	Scott	Fm	FF	DM	OV/Cl/NH <sub>3</sub> MA/H <sub>2</sub> S

GAS MASKS - OTHER GASES AND VAPORS - ETHYLENE OXIDE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other Gas and Vapor Approval
134	MSA	Fm	FF	DM	

GAS MASKS - OTHER GASES AND VAPORS - HYDROGEN FLUORIDE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other Gas and Vapor Approval
135	MSA	Fm	FF	HA	
146	MSA	Bm	FF	HA	
156	MSA	Bm	FF	HA	
172	MSA	Bm	FF	HA	

GAS MASKS - OTHER GASES AND VAPORS - FORMALDEHYDE

Approval Number TC-14G-	Approval Issued to	Respirator Type	Facepiece Type	DFM Approval	Other Gas and Vapor Approval
129	Scott	Fm	FF	DM	H2S/OV AG
130	Scott	Fm	FF	DM	H2S/HCl Cl
131	Scott	Fm	FF	HRA	H2S/HCl Cl
174	MSA	Bm	FF	DM	OV/AG
175	MSA	Bm	FF	DM	OV/AG
176	MSA	Fm	FF	DM	OV/AG

GAS MASKS - OTHER GASES AND VAPORS - METHYLAMINE

<b>Approval Number TC-14G-</b>	<b>Approval Issued to</b>	<b>Respirator Type</b>	<b>Facepiece Type</b>	<b>DFM Approval</b>	<b>Other Gas and Vapor Approval</b>
93	Willson	Fm	FF	DFM	NH3
103	Scott	Fm	FF	DM	NH3
132	Racal	PAPR	FF		NH3
140	Scott	Fm	FF	DM	OV/ClVHCl NH3/H2S
144	Willson	Fm	FF	DFM	NH3
163	Pulmosan	Fm	FF	DFM	NH3

GAS MASKS - OTHER GASES AND VAPORS - HYDROGEN CYANIDE (ESCAPE ONLY)

<b>Approval Number TC-14G-</b>	<b>Approval Issued to</b>	<b>Respirator Type</b>	<b>Facepiece Type</b>	<b>DFM Approval</b>	<b>Other Gas and Vapor Approval</b>
100	MSA	Bm	FF	DM	OV/AG

GAS MASKS - OTHER GASES AND VAPORS - ALPHA CHLOROACETOPHENONE

<b>Approval Number TC-14G-</b>	<b>Approval Issued to</b>	<b>Respirator Type</b>	<b>Facepiece Type</b>	<b>DFM Approval</b>	<b>Other Gas and Vapor Approval</b>
159	Def-Tec	Fm	FF	HA	
160	MSA	Fm	FF	HA	
177	Avon	Fm	FF		
179	Racal	Fm	FF	HRA	