

Mine Safety Appliances Company • P.O. Box 426 • Pittsburgh, PA 15230

Telephone: (412) 967-3000 Writers Direct Dial No.

# **User Notice**

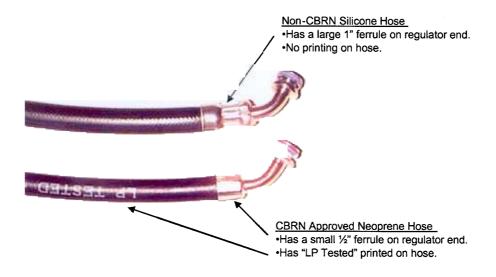
MMR Xtreme® CBRN Compliant Air Mask

May 12, 2004

# To: Users of CBRN Compliant SCBA

Installation of the optional 10031798 ExtendAire™ Emergency Breathing System (EBS) kit onto an MMR Xtreme CBRN Air Mask will result in the air mask NOT complying with the NIOSH/CBRN approval requirements. MSA has found that MMR Xtreme CBRN Air Masks shipped from September 2003 to February 2004 may have an incorrect NIOSH/CBRN Approval Supplement that identifies the above kit as NIOSH/CBRN compliant. Please review this *User Notice* to determine if you need to take corrective action regarding this issue.

1. Users of MMR Xtreme CBRN Air Masks upgraded with the 10031798 ExtendAire EBS kit should check the hose closest to the mask-mounted regulator as indicated in the illustration below. If the hose is a Non-CBRN silicone hose, contact MSA Customer Service at 1-877-MSA-3473 to obtain a replacement CBRN approved neoprene hose (P/N 10046484). Air Masks with a factory installed ExtendAire EBS have the CBRN approved hose.



Along with the replacement hose, MSA will provide the O-ring and lubricant needed for installation. The *Users Maintenance Instructions*, provided with the Air Mask, describes the proper procedure for replacing the hose; however, if you prefer, contact MSA at 1-877-MSA-3473 or your local MSA distributor to make arrangements for this no-charge installation.

2. The NIOSH/CBRN Approval Supplement provided with the air mask should list only one option in the MANIFOLD ASSY category, for approved configurations (10032439 Manifold assy, dual QC ExtendAire Firehawk). If it lists two MANIFOLD ASSY options, the supplement is in error and must be discarded. If the supplement is in error, replace it with the attached approval supplement.

We apologize for any inconvenience this may cause. If you have any questions, please contact MSA Customer Service at 1-877-MSA-3473.

Very truly yours,

Charles J. Seibel, Jr.

Manager of Product Safety

PPL04003-02

# **DESCRIPTION / IDENTIFICATION**

### **WARNING**

Do Not use the Quick-Fill® System, URC Assembly, or ExtendAire™ System accessories if there is any possibility that the environment contains a CBRN warfare agent. These Air Mask accessories are not approved for use in atmospheres containing CBRN warfare agents. Failure to follow this warning can result in serious personal injury or death.

### **DESCRIPTION**

This Air Mask from MSA is a pressure-demand, self-contained breathing apparatus (SCBA) certified by the National Institute for Occupational Safety and Health (NIOSH) for use in atmospheres immediately dangerous to life or health; "Immediately dangerous to life or health' means conditions that pose an immediate threat to life or health or conditions that pose an immediate threat of severe exposure to contaminants, such as radioactive materials, which are likely to have adverse cumulative or delayed effects on health" [Title 42 CFR, Part 84.2 (Q)].

This Air Mask complies with the National Fire Protection Association (NFPA) Standard 1981 for Open-Circuit Self-Contained Breathing Apparatus for Fire Fighters

This Air Mask has been designated by NIOSH as being CBRN (chemical, biological, radiological, and nuclear) Agent Approved. It complies with the special tests under NIOSH 42 CFR 84.63(c); Chemical Agent Permeation and Penetration Resistance Against Distilled Sulfur Mustard (HD) and Sarin (GB) and the Laboratory Respirator Protection Level (LRPL) tests.

### **IDENTIFICATION**

The MSA CBRN approved Air Mask with Firehawk Regulator differs from the Non-CBRN approved Air Mask in the following ways:

- The CBRN approved Air Mask can only be used in NIOSH approved configurations shown in the assembly matrix on the inside page.
- The CBRN approved Air Mask can be used only with a hycar facepiece model numbers 7-935-7, 7-935-8, and 7-935-9. Silicone facepieces are not CBRN approved.
- Only Firehawk 2nd stage regulator assemblies 10043892, 10043893, 10043894, and 10043895 are CBRN approved.

### **CBRN AGENT APPROVAL LABEL**

The MSA CBRN Agent approved Air Mask has this approval label attached to the carrier and harness.





CBRN Agent Approved

See Instructions for Required Component Part Numbers, Accessories, and Additional Cautions and Limitations of Use

# IMPORTANT NOTICE FOR RESPIRATOR USERS AND RESPIRATORY PROTECTION PROGRAM ADMINISTRATORS

- 1. An adequate respiratory protection program must include knowledge of hazards, hazard assessment, selection of proper respiratory protective equipment, instruction and training in the use of equipment, inspection and maintenance of equipment, and medical surveillance. [See OSHA regulations, Title 29 CFR, Part 1910. 134 (c).]
- This SCBA may be used only after proper instruction and training in its use as specified in NFPA-1500 and OSHA regulations Title 29 CFR, Part 1910.134.
- Quantitative fit testing should be conducted to determine proper facepiece size prior to using the respirator. A Fit Test Kit (MSA P/N 10044576) is available for conducting quantitative fit tests with the Ultra Elite Firehawk facepieces.
- The facepiece donning instructions (see Operation and Instruction Manual MSA P/N 10023638) must be carefully followed when using the respirator and when conducting fit tests.
- The CBRN Firehawk 2nd stage regulator must be flow tested every year and overhauled on a periodic basis. An overhaul kit (MSA P/N 10048942) is available. Refer to the Operation and Instructions manual (MSA P/N 10023638) and the Maintenance manual (MSA P/N 10024089) for additional information and maintenance procedures.



For More Information: Call (1-800-MSA-2222) or Visit Our Website at (www.MSAnet.com)



Be Sure. Choose MSA.

MINE SAFETY APPLIANCES COMPANY PITTSBURGH, PENNSYLVANIA, U.S.A. 15230

# MMR Air Mask with Firehawk

# NIOSH/CBRN APPROVAL SUPPLEMENT

## **A WARNING**

THIS SUPPLEMENT AS WELL AS THE OPERATION AND INSTRUCTION MANUAL MSA P/N 10023638 MUST BE CAREFULLY READ AND FOLLOWED BY ALL PERSONS WHO HAVE OR WILL HAVE THE RESPONSIBILITY FOR USING OR SERVICING THIS AIR MASK. THIS AIR MASK WILL PERFORM AS DESIGNED ONLY IF USED AND SERVICED ACCORDING TO THE INSTRUCTIONS; OTHERWISE IT COULD FAIL TO PERFORM AS DESIGNED, AND PERSONS WHO RELY ON THE AIR MASK COULD SUSTAIN SERIOUS PERSONAL INJURY OR DEATH.

# **DANGER**

Use in conjunction with personal protective ensembles that provide appropriate levels of protection against dermal hazards.

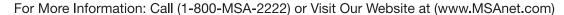
Some CBRN agents may not present immediate effects from exposure, but can result in delayed impairment, illness, or death.

Direct contact with CBRN agents requires proper handling of the SCBA after each use and between multiple entries during the same use. Decontamination and disposal procedures must be followed. If contaminated with liquid chemical warfare agents, dispose of the SCBA after decontamination.

The respirator should not be used beyond 6 hours after initial exposure to chemical warfare agents to avoid possibility of agent permeation.

FAILURE TO FOLLOW THE ABOVE ITEMS IN ADDITION TO ALL ESTABLISHED CBRN PROTECTIVE MEASURES CAN RESULT IN SERIOUS PERSONAL INJURY OR DEATH.







Be Sure. Choose MSA.

MINE SAFETY APPLIANCES COMPANY PITTSBURGH, PENNSYLVANIA, U.S.A. 15230

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### **Mine Safety Appliances Company** Pittsburgh, Pennsylvania, USA 1-800-672-2222



### **CBRN SCBA** MMR AIRMASK WITH FIREHAWK REGULATOR OPEN-CIRCUIT, PRESSURE-DEMAND, ENTRY AND ESCAPE SELF-CONTAINED BREATHING APPARATUS

												RESP	IRATOR	COMPO	NENTS																	
тс-	PROTECTION <sup>1</sup>	ALTERNATE FACEPIECE	ALTERNATE CARRIER AND HARNESS ASSEMBLY			1st STAGE REG. AND AUDILARM ASSY.							ALTERNATE CYLINDER & VALVE ASSEM					ALT. GAUGE HOSE ASSY.		ALT. 2nd STAGE REG.		ALT. ALT. QF SHOULDEF NAPT. KIT		R ALT. SPECT HONOO BSSOH		ALT. COMMUNICATIONS	INTEGRATED PASS w/ THERMAL SENSOR	AIST BELT	HEST STRAP KIT	VULCAN SLIDING REGULATOR KIT MANIFOLD ASSY KIT, SPLIT GAGE HOSE, NIGHTFIGHTER	CAUTIONS AND LIMITATIONS <sup>2 &amp; 3</sup>	
		Ultra Elite, med. NFPA Ultra Elite, small, NFPA Ultra Elite, large, NFPA	Carrier and Harn. Assy, NFPA, Nomex, Bok Rhino w/ Slide Belt mount, HP Carrier and Harn. Assy, NFPA, Nomex, Bok Rhino w/ Slide Belt mount, LP Carrier and Harn. Assy, NFPA, Nomex, Reb Bristo thin w/ Slide Belt mount, HD	Carrier and Harn. Assy, NFPA, Money, Box Rinto, Inni, w. Sloe Bertin. Carrier and Harn. Assy, NFPA, MMR, w/ Slide Belt mount, LP Carrier and Harn. Assy, NFPA, MMR, w/ Slide Belt mount, HP	Carrier and Harn, Assy, NFPA, Ultrailte MMR, db pull, w/ Side Belt mount, LP Carrier and Harn, Assy, NFPA, MMR, db pull, w/ Side Belt mount, HP	~ ~	1st Stage Regulator & Audi 1st Stage Regulator & Audi	1st Stage Regulator & Audi 4500 Threaded w/ RIC valve 1st Stage Regulator & Audi 2216 Threaded w/ RIC valve 1st Stage Regulator & Audi 2216/3000 Quick Connect	1st Stage Regulator & Audi	1st Stage Regulator & Audi 2216/3000 Quick Connect w/ RIC valve 1st Stage Regulator & Audi 4500 Quick Connect w/ RIC valve	1st Stage Regulator &. 1st Stage Regulator &.	1st Stage Regulator & Audi 4500 E>	1st Stage Regulator & Audi 2216/3000 Extend-Aire, w/ RIC valve 1st Stage Regulator & Audi 4500 Extend-Aire, w/ RIC valve	1st Stage Regulator & Audi 2216/3000 Extend-Aire, w/ RIC valve Cylinder & Valve Assy, 45 sd 2216 glass / or carbon	Cylinder & Valve Assy, 45 scf 2216 hoop Cylinder & Valve Assy, 45 scf 2216 3AL	Cylinder & Valve Assy, 45 scf 2218 steel Cylinder & Valve Assy, 60 scf 2216/3000 Kevlar / or carbon	Cylinder & Valve Assy, 45 scf 4500 glass / or carbon Cylinder & Valve Assy, 88 scf 4500 glass	Cylinder & Valve Assy, 66 scf 4500 kevlar / carbon / or fiberglass Cylinder & Valve Assy, 88 scf 4500 kevlar	Cylinder & Valve Assy, 45 sct 4500 kevlar Cylinder & Valve Assy, 88 scf 4500 carbon	Gauge & Hose Assy., Utrailte Gauge & Hose Assy., Custom 4500	2nd Stage Regulator Firehawk - Silde, Threaded 2nd Stage Regulator Firehawk - Quick Connect, Silde 2nd Stage Regulator Firehawk - Threaded (PTC)	56 2nd Stage Regulator Firehawk - Quick Connect (PTC)  7 Adapter, Side, Firehawk	Adapter, push to connect	Kit Quick Fill, Shoulder, Ultrainte  Kit Quick Fill, Shoulder, Custom 4500  Kit Quick Fill, Custom 4500	Kit Quick Fill, Integrated PASS adapter, Custom 4500 Hose Pouch Spectacle Kit, Ultra Elite	Spectacle Kit, Ultra Elite Spectacle Kit, Ultra Elite Kit, Amnisina Clean? normand	Kit, Amplifier, RI - ClearCommand Kit, Amplifier, RI - ClearCommand Kit, Bracket & Volcemitter - ClearCommand	Integrated PASS w/ thermal sensor, Dragonfly Integrated PASS w/n thermal sensor Dranonfly	Integrated PASS w/o thermal sensor, Dragonfly Waist Belt Extender, NFPA Waist Belt Extender, NFPA Lumbar Support Assembly	Lumbar Support Assembl	Vuican biging regulator rut  Manifold assy, dual QC Extend-Aire Firehawk	Nit, Opin Cage Toos, Minn Ngilt Tgiller
		7-935-7	10024158 10024159 10036822	10024150	10024153	10024078	10037491		10024	100374	10038035	10037494	-	100:	4 4	7-7	7-947-1	7-1348-1	7-1493-	7-1215-7	10043892	100438	100331	1002	485390	493581	1002305	10001788	80416	100	10032439	
13F-473CBRN	SC/PD/CBRN 30 min 2216/3000 psig	X X X	X	X X		X	X	XX		X	X X	, X		ХХ	ХХ	X X		V		X	X X X		X X		X X		X X					ISININOSQITTO
13F-474CBRN	SC/PDCBRN/ 60 min 4500 psig	x x x x x		X	X	X 2	( X		XX	X		X X	X				X	Х	X	X	X X X		X	X X X	X X X		X X		x x x			iomito ogiti o
13F-475CBRN	SC/PD/CBRN 30 min 4500 psig	^ ^ ^	^	^	^_	_ ^ /	`		^ ^	^		` ^	_ ^				^		^	^	^ ^ ^	^ ^	^	^   ^   ′	`   ^   ^	^ ^	^ ^	^ ^	^ ^ ^	^   ^   ^	^ ^	IJMNOSQRTU

1. PROTECTIONS

2. CAUTIONS AND LIMITATIONS

SC = SELF- CONTAINED PD = PRESSURE - DEMAND

13F-476CBRN

CBRN = CHEMICAL, BIOLOGICAL, RADIOLOGICAL & NUCLEAR

SC/PD/CBRN 45 min 4500 psig

Contains electrical parts which have not been evaluated as an ignition source in flammable or explosive atmospheres by MSHA/NIOSH.

J- Failure to properly use and maintain this product could result in injury or death.

- M- All approved respirators shall be selected, fitted, used and maintained in accordance with MSHA, OSHA and other applicable regulations.
- N- Never substitute, modify, add or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
- O- Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
- S- Special or critical user's instructions and/or specific use limitations apply. Refer to User's Instructions before donning.

### 3. CAUTIONS AND LIMITATIONS OF USE FOR CBRN SCBA

- Q- Use in conjunction with personal protective ensembles that provide appropriate levels of protection against dermal hazards.

  Some CBRN agents may not present immediate effects from exposure, but can result in delayed impairment, illness, or death

  T- Direct contact with CBRN agents requires proper handling of the SCBA after each use and between multiple entries during the same use. Decontamination and disposal procedures must be followed. If contaminated with liquid chemical warfare agents, dispose of the SCBA after decontamination.

  U- The respirator should not be used beyond 6 hours after initial exposure to chemical warfare agents to avoid possibility of agent



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See Instructions for Required Component Part Numbers, Accessories, and Additional Cautions and Limitations of Use

Control Box linked to material # 10044165 linked to doc # 10000015646 Rev 5 3/2/04 SCBA / CBRN