

NIOSH CBRN and NFPA 1981 Approval Confirmation

SCBA Manufacturer Information	
Manufacturer	Mine Safety Appliance Co., Safety Products
Address	Approvals Coordinator
	P.O. Box 439
	Pittsburgh, PA 15230
Manufacturer Representative	Katie Davis
SCBA Model	Firehawk M7 Responder Airmask

NIOSH Application Information	
42 CFR Part 84 Approval No./Task No.	13F-563, 13F-564, 13F-565, 13F-566, and 13F-567 / TN-17570
CBRN Approval No./Task No.	13F-563CBRN, 13F-564CBRN, 13F-565CBRN, 13F-566CBRN, and 13F-567CBRN/TN-17747
Assembly Matrix Number/Revision No.	3102-562cbmAM_r9.xls revision 9
Tentative Approval Letter Date	June 10, 2011


SEI Submittal Information	
SEI Reference Number	SBA MSA 06/Accessory 615
Submittal Date	February 7, 2011

Type of Submittal	New Approval	Extension of Approval
	✓	

NIOSH CBRN Compliance Statement: This document will serve to confirm that the SCBA Model indicated above (covered by the above noted NIOSH Task Number) has successfully completed all of the applicable requirements of the NIOSH CBRN Approval Program.

Authorized NIOSH Representative	Heinz W. Adlers, Technology Evaluation Branch
Date:	6-10-11  For Party

NFPA 1981-2007 Compliance Statement: This letter document will serve to confirm that the SCBA Model indicated above (covered by the above noted SEI Reference Number & Submittal Date) has successfully completed all of the applicable requirements of NFPA 1981, *Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services*, 2007 Edition.

Authorized SEI Representative	Stephen R. Sanders, Technical Director
Date: June 10, 2011	



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

NIOSH Reference: TN-17747

Mfr. Reference: MSA1139BCBRN

Centers for Disease Control
and Prevention (CDC)
National Institute for Occupational
Safety and Health (NIOSH)
National Personal Protective
Technology Laboratory (NPPPTL)

P.O. Box 18070
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
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June 10, 2011

Ms. Katie Davis, Approvals Coordinator
Mine Safety Appliances Company
Ryan Laboratory
1100 Cranberry Woods Drive
Cranberry Twp, PA 16066-5204

Dear Ms. Davis:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request dated March 31, 2011. This request was for an extension of approval to TC-13F-563CBRN, TC-13F-564CBRN, TC-13F-565CBRN, TC-13F-566CBRN, and TC-13F-567CBRN for the model Firehawk M7 Responder Airmask, Open-Circuit, Pressure-Demand, CBRN, Entry and Escape, Self-Contained Breathing Apparatus (SCBA) for Chemical, Biological, Radiological, and Nuclear (CBRN) protection to make the following changes as listed on assembly matrix 3102-562cbmAM_r9.xls revision 9:

1. Add alternate rescue belt II, part number 7-2591-1
2. Add accessory alternate waist belt extender, rescue belt II, part number 10114743
3. Add accessory rope and descender assembly, rescue belt II, part number 7-2582-1

In addition, the rescue belt II, part number 7-259-1, waist belt extender, rescue belt II, part number 10114743, and rope and descender assembly, rescue belt II, part number 7-2582-1 has been evaluated by SEI and has been found to meet **NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services, 2006 Edition**.

These respirators have met the NIOSH requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84) under TN-17570 under approval numbers TC-13F-563, TC-13F-564, TC-13F-565, TC-13F-566, and TC-13F-567 as listed on assembly matrix 3102-562part84AM_r9.xls revision 9.

The configurations identified under the approval numbers indicated above have met the NIOSH requirements for CBRN protection under the provisions of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84) and the NIOSH Letter to All Respirator Manufacturers, dated December 28, 2001. Additionally, the Firehawk M7 Responder Airmask configurations have been evaluated by the Safety Equipment Institute (SEI) and have met the requirements of **NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services, 2007 Edition** (see attached letter).

This request is granted. Approvals are granted only for documentation written in the English language. It is the manufacturer's responsibility to correctly translate materials desired in languages other than English.

The CD enclosed with this letter contains the final respirator approval label. The cautions and limitations which apply to these approvals are on the approval label. Only those assemblies affected by this request, or where new approval numbers are assigned, apply to this approval action. Production approval labels cannot include information on unapproved configurations.

The use of this approved device in combination with any other additional respirator components not covered under this approval renders this certification invalid.

The approved assembly consists of the parts as listed on the approval label and the assembly matrix. Parts are to be marked with the numbers indicated on the approval label in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

No additional changes may be made to any respirators and accompanying documentation without prior written approval of NIOSH. Requests for changes must be submitted to NIOSH and a modification of this approval must be granted before any changes are made.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'H. Ahlers', with a circular stamp containing the initials 'F. J.' to the left.

Heinz W. Ahlers
Chief, Technology Evaluation Branch
National Personal Protective Technology Laboratory

Enclosures



June 10, 2011

Ms. Katie Davis
Mine Safety Appliances Co.
P.O. Box 439
Pittsburgh, PA 15230

Certification Letter
SEI Ref.: SBA MSA 06/Accessory 615
MSA Ref. No. SP10-139

Dear Ms. Davis:

We are pleased to confirm that effective June 10, 2011, the FireHawk Rescue Belt II (as noted below) is certified by the Safety Equipment Institute as an accessory to the FireHawk M7 Responder Air Mask SCBA. Certification for the submittal covering the following items was successfully completed in accordance with the requirements of NFPA 1981, 2007 Edition, *Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services*:

SEI Reference No.	MSA Part Number	Description
SBA MSA 05/Accessory 515 (SCBA Backpack Accessories)	7-2591-1	FireHawk Rescue Belt II – Escape Belt available in waist sizes ranging from 36 in. to 59 in. Constructed with either an aramid or aramid/nylon rope and descender (in lengths of 50 ft. and 75 ft.), with either a Crosby hook or carabiner attachment point connection. May also be used in conjunction with Waist Belt Extender, p/n 10114743. Additionally, a steel D-Ring is sewn to the waist belt in a fixed location (+).
	7-2582-1	Rope & Descender Assembly (++)
	10114743	Waist Belt Extender (+++)

- (+) – Certified for the purpose of work positioning only.
- (++) – Same assembly provided in Rescue Belt II. Sold as replacement assembly only.
- (+++)



Safety Equipment Institute
1307 Dolley Madison Blvd. Suite 3A McLean, Virginia 22101
Tel: 703/442-5732 FAX: 703/442-5756



Ms. Katie Davis
June 10, 2011
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The above noted components were submitted for certification with your submittal package of December 16, 2010. Testing was successfully completed on March 24, 2011. Copies of the appropriate NIOSH 42 CFR 84 documentation have been received and are on file.

Additionally, SEI has received confirmation (see attached) from NIOSH that configurations as shown on NIOSH CBRN Approval Numbers TC-13F-563CBRN, TC-13F-564CBRN, TC-13F-565CBRN, TC-13F-566CBRN, and TC-13F-567CBRN have successfully completed NIOSH CBRN testing.

The SEI Certification Mark may be used in the marketing, packaging and promotion of the model detailed above, in accordance with the provisions of the SEI Certification Program Manual.

Per the SEI Certification Program Manual, SEI shall certify the manufacturer's product model(s) and grant the right to use the SEI certification mark when 1) the Testing Laboratory has determined that the product model submitted and tested successfully meets the appropriate product standard, 2) the Quality Assurance Auditor has determined that the manufacturer complies with SEI quality assurance requirements through an on-site audit, including a review of the quality manual and procedures, 3) the manufacturer has paid all fees, and 4) product liability insurance requirements are met.

Following initial certification, SEI conducts annual follow-up testing on samples which are selected by SEI during the annual quality assurance audit. SEI's certification program is accredited as a System Type 5 per ISO/IEC Guide 67:2004(E).

Thank you for your participation in the SEI Certification Program. If you have any questions, please contact the SEI Office.

Sincerely,



Stephen R. Sanders
Technical Director



Patricia A. Gleason
President

cc: Mr. Marco Tekelenberg, MSA
Mr. Heinz Ahlers, NIOSH-NPPTL
Mr. John Pio, SEI Auditor