

NIOSH CBRN and NFPA 1981 Approval Confirmation

SCBA Manufacturer Information	
Manufacturer	Avon Protection
Address	1361 Brass Mill Road
	Belcamp, MD 21020
Manufacturer Representative	Mrs. Edna DeMedeiros
SCBA Model	DELTAIR

NIOSH Application Information	
42 CFR Part 84 Approval No./Task No.	TC-13F-0737 / TN-19270
CBRN Approval No./Task No.	TC-13F-0737CBRN / TN-19094
CBRN Assembly Matrix/Revision No.	DELTAIRCBRN_AM1.xlsx, revision 1 dated 3/22/2014
Tentative Approval Letter Date	March 28, 2014

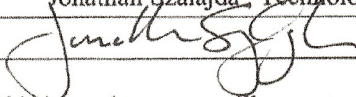
SEI Submittal Information	
SEI Reference Number	SBA ISI 05 + VARIANTS & ACCESSORIES
Submittal Date	Oct. 5, 2012

Type of Submittal	New Approval	Extension of Approval
	√	


	Yes/No
Does SCBA Comply With EOSTI Requirement covered by Paragraph 6.2.6 of NFPA 1981-2013 (i.e., EOSTI shall activate at 33 %, +5/-0 % of full cylinder pressure? (to be completed by NIOSH)	YES

	Yes/No
Does SCBA Comply With EBSS Performance Requirements covered by Sections 7.20 & 8.27 of NFPA 1981-2013? (to be completed by SEI)	YES

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 42 CFR Part 84 and CBRN Approval Program**.

Authorized NIOSH Representative	Jonathan Szalajda, Technology Evaluation Branch
Date: 4/4/14	

NFPA 1981-2013 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, 2013 Edition**.

Authorized SEI Representative	Stephen R. Sanders, Technical Director
Date: 4/4/2014	



DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Disease Control and Prevention (CDC)

NIOSH Reference: TN-19094
Mfr. Reference: APP13-010CBRN

National Institute for Occupational Safety and Health (NIOSH)
National Personal Protective Technology Laboratory (NPPTL)
P.O. Box 18070
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
Fax: 412-386-4051
April 4, 2014

Ms. Edna DeMedeiros
Global Certification Leader
Avon Protection
1361 Brass Mill Road
Belcamp, MD 21020

Dear Ms. DeMedeiros:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request dated April 24, 2013 and accepted April 26, 2013, seeking one new Open-Circuit, Pressure-Demand, Entry and Escape, CBRN, Self-Contained Breathing Apparatus (SCBA) for Chemical, Biological, Radiological, and Nuclear (CBRN) protection for the model DELTAIR, the configuration of which are defined on assembly matrix DELTAIRCBRN_AM1.xlsx, revision 1 dated 3/22/2014.

These respirators have met the NIOSH requirements of Title 42, Code of Federal Regulations, Part 84 (42 CFR 84) under TN-19270 under approval number TC-13F-0737 as listed on assembly matrix DELTAIR_AM3 3 24 14.xls, revision 3 dated 3/24/2014.

This request is granted. The approval number shown in the following table have been assigned for the one new respirator configuration defined on assembly matrix DELTAIRCBRN_AM1.xlsx, revision 1 dated 3/22/2014. 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.

Table with 4 columns: Approval Number, Model Number, Description, Protection. Row 1: TC- as shown, DELTAIR, 30 MIN 2216 PSIG, SC/PD/CBRN/EOSTI-33

Protection - Codes are defined on the approval labels.

The configurations identified under TC-13F-0737CBRN 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 DELTAIR configuration have been evaluated by the Safety Equipment Institute (SEI) as a configuration meeting the requirements of NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services, 2013 Edition, (see attached letter).

The CD enclosed with this letter contains the final respirator approval labels, also reference TN-19095. The cautions and limitations which apply to these approvals are on the approval labels. 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 assemblies consist of the parts as listed on the approval labels 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).

This certificate of approval is not an endorsement of the respirator by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that this respirator has met the requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84).

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,



Jonathan Szalajda
Acting Chief, Technology Evaluation Branch
National Personal Protective Technology Laboratory

Enclosures

NIOSH CBRN and NFPA 1981 Approval Confirmation

SCBA Manufacturer Information	
Manufacturer	Avon Protection
Address	1361 Brass Mill Road
	Belcamp, MD 21020
Manufacturer Representative	Mrs. Edna DeMedeiros
SCBA Model	DELTAIR

NIOSH Application Information	
42 CFR Part 84 Approval No./Task No.	TC-13F-0738, TC-13F-0739, and TC-13F-0740 / TN-19271
CBRN Approval No./Task No.	TC-13F-0738CBRN, TC-13F-0739CBRN, and TC-13F-0740CBRN / TN-19095
CBRN Assembly Matrix/Revision No.	DELTAIRCBRN_AM1.xlsx, revision 1 dated 3/22/2014
Tentative Approval Letter Date	March 28, 2014

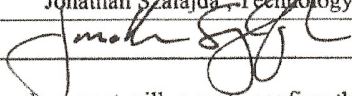
SEI Submittal Information	
SEI Reference Number	SBA ISI 05 + VARIANTS & ACCESSORIES
Submittal Date	OCT. 5, 2012

Type of Submittal	New Approval	Extension of Approval
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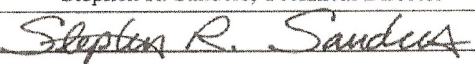
	Yes/No
Does SCBA Comply With EOSTI Requirement covered by Paragraph 6.2.6 of NFPA 1981-2013 (i.e., EOSTI shall activate at 33 %, +5/-0 % of full cylinder pressure? (to be completed by NIOSH)	YES

	Yes/No
Does SCBA Comply With EBSS Performance Requirements covered by Sections 7.20 & 8.27 of NFPA 1981-2013? (to be completed by SEI)	YES

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 42 CFR Part 84 and CBRN Approval Program.

Authorized NIOSH Representative	Jonathan Szalajda, Technology Evaluation Branch
Date: 4/4/14	

NFPA 1981-2013 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, 2013 Edition*.

Authorized SEI Representative	Stephen R. Sanders, Technical Director
Date: 4/4/2014	



DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Disease Control and Prevention (CDC)

NIOSH Reference: TN-19095
Mfr. Reference: APP13-011CBRN

National Institute for Occupational Safety and Health (NIOSH)
National Personal Protective Technology Laboratory (NPPTL)
P.O. Box 18070
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
Fax: 412-386-4051
April 4, 2014

Ms. Edna DeMedeiros
Global Certification Leader
Avon Protection
1361 Brass Mill Road
Belcamp, MD 21020

Dear Ms. DeMedeiros:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request dated April 24, 2013 and accepted April 26, 2013, seeking three new Open-Circuit, Pressure-Demand, Entry and Escape, CBRN, Self-Contained Breathing Apparatus (SCBA) for Chemical, Biological, Radiological, and Nuclear (CBRN) protection for the model DELTAIR, the configuration of which are defined on assembly matrix DELTAIRCBRN_AM1.xlsx, revision 1 dated 3/22/2014.

These respirators have met the NIOSH requirements of Title 42, Code of Federal Regulations, Part 84 (42 CFR 84) under TN-19271 under approval number TC-13F-0738, TC-13F-0739, and TC-13F-0740 as listed on assembly matrix DELTAIR_AM3 3 24 14.xls, revision 3 dated 3/24/2014.

This request is granted. The approval numbers shown in the following table have been assigned for the three new respirator configuration defined on assembly matrix DELTAIRCBRN_AM1.xlsx, revision 1 dated 3/22/2014. 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.

Table with 4 columns: Approval Number, Model Number, Description, Protection. Rows include TC-13F-0738CBRN, TC-13F-0739CBRN, and TC-13F-0740CBRN.

1Protection - Codes are defined on the approval labels.

The configurations identified under TC-13F-0738CBRN, TC-13F-0739CBRN, and TC-13F-0740CBRN 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 DELTAIR configuration have been

evaluated by the Safety Equipment Institute (SEI) as a configuration meeting the requirements of **NFPA 1981, *Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services, 2013 Edition***, (see attached letter).

The CD enclosed with the letter under TN-19094 contains the final respirator approval labels. The cautions and limitations which apply to these approvals are on the approval labels. 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.

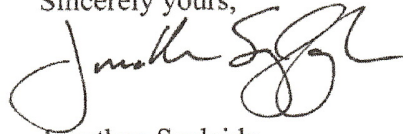
The use of this approved device in combination with any other additional respirator components not covered under this approval renders this certification invalid.

The approved assemblies consist of the parts as listed on the approval labels 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).

This certificate of approval is not an endorsement of the respirators by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that these respirators have met the requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84).

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 black ink, appearing to read 'Jonathan Szalajda', with a stylized flourish at the end.

Jonathan Szalajda
Acting Chief, Technology Evaluation Branch
National Personal Protective Technology Laboratory

Enclosures