



DEPARTMENT OF HEALTH & HUMAN SERVICES

NIOSH Reference: TN-18830
Mfr. Reference: MSA1243BCBRN

Centers for Disease Control
and Prevention (CDC)

National Institute for Occupational
Safety and Health (NIOSH)
National Personal Protective
Technology Laboratory (NPPTL)
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March 20, 2014

Mr. Jeffrey Gutshall
Supervisor, Standards Compliance
Mine Safety Appliances, Ryan Laboratory
1100 Cranberry Woods Drive
Cranberry Township, Pennsylvania 16066-5204

Dear Mr. Gutshall:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request dated November 21, 2012 and accepted December 7, 2012, seeking five 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 FireHawk M7XT Airmask, the configuration of which are defined on assembly matrix 3102-606AM_cbrn_r1.xls, revision Rev 1 dated 3/18/2014.

These respirators have met the NIOSH requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84) under TN-19460 under approval numbers TC-13F-0732, TC-13F-0733, TC-13F-0734, TC-13F-0735, and TC-13F-0736 as listed on assembly matrix 3102-606AMpart84_r4.xlsx, revision Rev 4 dated 3/7/2014.

This request is granted. The approval numbers shown in the following table have been assigned for the five new respirator configurations defined on assembly matrix 3102-606AM_cbrn_r1.xls revision 1. 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.

Approval Number TC- as shown	Model Number	Description	Protection ¹
TC-13F-0732CBRN	FireHawk M7XT Airmask	30 MIN 2216 PSIG	SC/PD/CBRN/EOSTI-33
TC-13F-0733CBRN	FireHawk M7XT Airmask	30 MIN 4500 PSIG	SC/PD/CBRN/EOSTI-33
TC-13F-0734CBRN	FireHawk M7XT Airmask	45 MIN 4500 PSIG	SC/PD/CBRN/EOSTI-33
TC-13F-0735CBRN	FireHawk M7XT Airmask	60 MIN 4500 PSIG	SC/PD/CBRN/EOSTI-33
TC-13F-0736CBRN	FireHawk M7XT Airmask	30 MIN 2216 PSIG	SC/PD/CBRN/EOSTI-33

¹Protection - Codes are defined on the approval labels.

The configurations identified under TC-13F-0732CBRN, TC-13F-0733CBRN, TC-13F-0734CBRN, TC-13F-0735CBRN, and TC-13F-0736CBRN 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 M7XT Airmask configurations 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. 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.

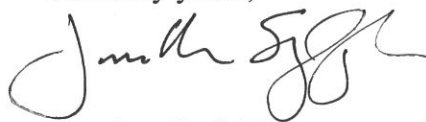
The use of this approved device in combination with any other additional respirator components not covered under this approval renders this certification invalid.

The approved assemblies consist of the parts as listed on the approval labels and the assembly matrices. 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 this 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', is written over a horizontal line.

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

Enclosures