DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Disease Control and Prevention (CDC)
National Institute for Occupational Safety and Health (NIOSH)
National Personal Protective Technology Laboratory (NPPTL)
626 Cochrans Mill Road
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
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NIOSH Reference: TN-20828
Mfr. Reference: MSA1625B

February 24, 2017

Ms. Heather Dannhardt
Supervisor, Standards Compliance, Protection Products
Mine Safety Appliances Company
1100 Cranberry Woods Drive
Cranberry Township, Pennsylvania 16066-5204

Dear Ms. Dannhardt:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request accepted April 25, 2016. This request was for an extension of approval for TC-13F-0785CBRN, TC-13F-0786CBRN, TC-13F-0787CBRN, TC-13F-0788CBRN, TC-13F-0796CBRN, TC-13F-0797CBRN, TC-13F-0798CBRN and TC-13F-0799CBRN configurations of the model G1, open-circuit, pressure-demand, entry and escape, CBRN, self-contained breathing apparatus for chemical, biological, radiological, and nuclear (CBRN) protection as defined on assembly matrix, 3102-654AM_CBRN_r8.xls, revision 8, dated 7/29/2016 to make the following revisions:

- Add alternate G1 control module, TIC, 2216 PSI, part number 7-3065-1.
- Add alternate G1 control module, TIC, 4500/5500 PSI, part number 7-3066-1.
- Revise user's instruction, MSA G1 SCBA, part number 10158406.

As prerequisite, these respirators have met the NIOSH requirements of Title 42, *Code of Federal Regulations,* Part 84 (42 CFR 84) under TN-20801 for approval numbers TC-13F-0785, TC-13F-0786, TC-13F-0787, TC-13F-0788, TC-13F-0796, TC-13F-0797, TC-13F-0798 and TC-13F-0799 as listed and defined on assembly matrix, 3102-654AM_part84_r9.xlsx, revision 9, dated 4/6/2016.

The configurations identified under TC-13F-0785CBRN, TC-13F-0786CBRN, TC-13F-0787CBRN, TC-13F-0788CBRN, TC-13F-0796CBRN, TC-13F-0797CBRN, TC-13F-0798CBRN and TC-13F-0799CBRN have met the NIOSH requirements for CBRN protection under 42 CFR 84, and the NIOSH Letter to All Respirator Manufacturers, dated December 28, 2001. Additionally, the G1 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).

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 final respirator approval label is included as attachments to this letter. 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 approved assemblies consist 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).

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 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,

FOR David Chirdon
Chief, Conformity Verification and
Standards Development Branch
National Personal Protective Technology Laboratory

Enclosures