

and 75.1313(b)(1) and individualized underground blasting permits approved by the District Manager.

(m) Only the 3M TR-830 Battery Pack shall be used, which meets lithium battery safety standard UL 1642 or IEC 62133, in the 3M Versaflo TR-800 PAPR. Use only the CleanSpace EX Power Unit, which meets lithium battery safety standard UL 1642 or IEC 62133, in the CleanSpace EX PAPR.

(n) Before each shift when the 3M Versaflo TR-800 or CleanSpace EX PAPR is to be used, all batteries and power units for the equipment shall be charged sufficiently for the expected usage on that shift. If spare battery packs for the 3M Versaflo TR-800 PAPR are provided, all battery "change outs" shall occur in intake air outby the last open crosscut.

(o) The following maintenance and use conditions shall apply to equipment containing lithium-type batteries:

(1) Neither the 3M TR-830 Battery Pack nor the CleanSpace EX Power Unit may be disassembled nor modified by anyone other than permitted by the manufacturer of the equipment.

(2) The 3M TR-830 Battery Pack shall be charged only in an area free of combustible material, readily monitored and located on the surface of the mine. The 3M TR-830 Battery Pack shall be charged only by a manufacturer's recommended battery charger, such as:

(i) 3M Battery Charger Kit TR-641N, which includes one 3M Charger Cradle TR-640 and one 3M Power Supply TR-941N, or

(ii) 3M 4-Station Battery Charger Kit TR-644N, which includes four 3M Charger Cradles TR-640 and one 3M 4-Station Battery Charger Base/Power Supply TR-944N.

(3) The CleanSpace EX internal battery, which is contained within the power unit assembly, shall be charged in areas located outby the last open crosscut in intake air as per 30 CFR 75.340, or in an area free of combustible material, readily monitored and located on the surface of the mine, and only the manufacturer's recommended battery chargers may be used, such as the CleanSpace EX Battery Charger, Product Code PAF-0066.

(4) Neither the 3M TR-830 Battery Pack nor the CleanSpace EX power unit which contains the internal battery, shall be exposed to water, allowed to get wet or immersed in liquid. This does not preclude incidental exposure of the 3M TR-830 Battery Pack or the CleanSpace EX power unit assembly.

(5) Neither the 3M Versaflo TR-800 PAPR nor the CleanSpace EX PAPR, including the internal battery, shall be used, charged or stored in locations

where the manufacturer's recommended temperature limits are exceeded.

Neither the 3M Versaflo TR-800 PAPR nor the CleanSpace EX PAPR shall be placed in direct sunlight nor stored near a source of heat.

(6) Neither the 3M TR-830 Battery Pack nor the CleanSpace EX PAPR's internal battery shall be used at the end of its life cycle (*i.e.*, when there is a performance decrease of greater than 20 percent in battery-operated equipment). The 3M TR-830 Battery Pack and the CleanSpace EX power unit containing the internal battery shall be disposed of properly.

(p) Personnel engaged in the use of the 3M Versaflo TR-800 and CleanSpace EX PAPRs shall be properly trained to recognize the hazards and limitations associated with the use of the equipment in areas where methane could be present. Additionally, personnel shall be trained regarding proper procedures for donning self-contained self rescuers (SCSRs) during a mine emergency while wearing the 3M Versaflo TR-800 or CleanSpace EX PAPR. The mine operator shall submit proposed revisions to update the Mine Emergency Evacuation and Firefighting Program of Instruction under 30 CFR 75.1502.

(q) Within 60 days after the PDO granted by MSHA becomes final, the operator shall submit proposed revisions for its approved 30 CFR part 48 training plans to the Mine Safety and Health Enforcement District Manager. These proposed revisions shall specify initial and refresher training regarding the terms and conditions stated in the PDO granted by MSHA. When training is conducted on the terms and conditions in the PDO granted by MSHA, an MSHA Certificate of Training (Form 5000-23) shall be completed. Comments shall be included on the Certificate of Training indicating that the training received was for use of the 3M Versaflo TR-800 or the CleanSpace EX PAPR.

(r) All personnel who will be involved with or affected by the use of the 3M Versaflo TR-800 or CleanSpace EX PAPRs shall receive training in accordance with 30 CFR 48.7 on the requirements of the PDO granted by MSHA within 60 days of the date the PDO granted by MSHA becomes final. Such training shall be completed before any 3M Versaflo TR-800 or CleanSpace EX PAPR can be used in the return air outby the last open crosscut. The operator shall keep a record of such training and provide such record to MSHA upon request.

(s) The operator shall provide annual retraining to all personnel who will be

involved with or affected by the use of the 3M Versaflo TR-800 or CleanSpace EX PAPRs in accordance with 30 CFR 48.8. The operator shall train new miners on the requirements of the PDO granted by MSHA in accordance with 30 CFR 48.5 and shall train experienced miners on the requirements of the PDO granted by MSHA in accordance with 30 CFR 48.6. The operator shall keep a record of such training and provide such record to MSHA upon request.

(t) The operator shall post the PDO granted by MSHA in unobstructed locations on the bulletin boards and/or in other conspicuous places where notices to miners are ordinarily posted, for a period of not less than 60 consecutive days.

(u) There are no representatives of miners at Buchanan Minerals LLC, Buchanan No. 1 Mine. A copy of this petition has been posted on the bulletin board as of August 28, 2024.

The petitioner asserts that the alternative method will guarantee no less than the same measure of protection afforded the miners under the mandatory standard.

**Song-ae Aromie Noe,**

*Director, Office of Standards, Regulations, and Variances.*

[FR Doc. 2024-26436 Filed 11-13-24; 8:45 am]

**BILLING CODE 4520-43-P**

## DEPARTMENT OF LABOR

### Mine Safety and Health Administration

#### Petition for Modification of Application of Existing Mandatory Safety Standards

**AGENCY:** Mine Safety and Health Administration, Labor.

**ACTION:** Notice.

**SUMMARY:** This notice is a summary of a petition for modification submitted to the Mine Safety and Health Administration (MSHA) by Tunnel Ridge, LLC.

**DATES:** All comments on the petition must be received by MSHA's Office of Standards, Regulations, and Variances on or before December 16, 2024.

**ADDRESSES:** You may submit comments identified by Docket No. MSHA-2024-063 by any of the following methods:

1. *Federal eRulemaking Portal:* <https://www.regulations.gov>. Follow the instructions for submitting comments for MSHA-2024-063.

2. *Fax:* 202-693-9441.

3. *Email:* [petitioncomments@dol.gov](mailto:petitioncomments@dol.gov).

4. *Regular Mail or Hand Delivery:* MSHA, Office of Standards, Regulations, and Variances, 201 12th

Street South, Suite 4E401, Arlington, Virginia 22202-5452.

**Attention:** S. Aromie Noe, Director, Office of Standards, Regulations, and Variances. Persons delivering documents are required to check in at the receptionist's desk, 4th Floor West. Individuals may inspect copies of the petition and comments during normal business hours at the address listed above. Before visiting MSHA in person, call 202-693-9455 to make an appointment.

**FOR FURTHER INFORMATION CONTACT:** S. Aromie Noe, Office of Standards, Regulations, and Variances at 202-693-9440 (voice), [Petitionsformodification@dol.gov](mailto:Petitionsformodification@dol.gov) (email), or 202-693-9441 (fax). [These are not toll-free numbers.]

**SUPPLEMENTARY INFORMATION:** Section 101(c) of the Federal Mine Safety and Health Act of 1977 and title 30 of the Code of Federal Regulations (CFR), part 44, govern the application, processing, and disposition of petitions for modification.

## I. Background

Section 101(c) of the Federal Mine Safety and Health Act of 1977 (Mine Act) allows the mine operator or representative of miners to file a petition to modify the application of any mandatory safety standard to a coal or other mine if the Secretary of Labor determines that:

1. An alternative method of achieving the result of such standard exists which will at all times guarantee no less than the same measure of protection afforded the miners of such mine by such standard; or

2. The application of such standard to such mine will result in a diminution of safety to the miners in such mine.

In addition, §§ 44.10 and 44.11 of 30 CFR establish the requirements for filing petitions for modification.

## II. Petition for Modification

**Docket Number:** M-2024-040-C.

**Petitioner:** Tunnel Ridge, LLC, 184 Schoolhouse Lane, Valley Grove, WV 26060.

**Mine:** Tunnel Ridge Mine, MSHA ID No. 46-08864, located in Ohio County, West Virginia.

**Regulation Affected:** 30 CFR 75.1002(a), Permissible electric equipment.

**Modification Request:** The petitioner requests a modification of 30 CFR 75.1002(a) to allow the use of unapproved Powered Air Purifying Respirators (PAPRs) within 150 feet of pillar workings or longwall faces. Specifically, the petitioner is requesting to utilize the CleanSpace EX PAPR and

sealed motor/blower/battery power pack assembly, and the 3M Versaflo TR-800 Intrinsically Safe PAPR motor/blower and battery with battery pack.

The petitioner states that:

- (a) The 3M Versaflo TR-800 PAPR with motor/blower and battery qualifies as intrinsically safe.

- (b) The CleanSpace EX PAPR also qualifies as intrinsically safe.

- (c) Both the CleanSpace EX and the 3M Versaflo TR-800 PAPRs provide a constant flow of air inside the mask or helmet. This airflow provides respiratory protection and comfort in hot working conditions.

- (d) Neither the 3M Versaflo TR-800 nor the CleanSpace EX PAPR is MSHA-approved as permissible.

- (e) Neither the 3M nor the CleanSpace is pursuing MSHA approval.

- (f) Tunnel Ridge currently makes available to all miners NIOSH-approved high efficiency 100 series respirators to protect the miners against potential exposure to respirable coal mine dust, including crystalline silica, during normal mining conditions. Tunnel Ridge desires to expand the miners' option in choosing a respirator that provides the greatest degree of protection as well as comfort while being worn. Powered PAPRs provide a constant flow of filtered air and serve that purpose.

- (g) On April 18, 2024 (89 FR 28218), MSHA issued a final rule entitled *Lowering Miners' Exposure to Respirable Crystalline Silica and Improving Respiratory Protection*. The rule requires the mine operator to have a written respiratory protection program in place when miners are required to use respirators. Adding the CleanSpace EX and the 3M TR-800 Versaflo PAPRs to the respiratory protection program as additional options will provide the miners with alternatives to the series 100 high efficiency respirators already in use at the mine. The PAPRs will also serve as a respirator option to protect the miners with facial hair who may not be able to pass the "fit test" requirement of the program. In addition, the positive flow of filtered air provided by the PAPRs will provide a solution for the miners who are unable to wear a tight-fitting respirator.

- (h) Since the 3M Airstream Headgear-Mounted PAPR System has been discontinued by the manufacturer, there are no other MSHA-approved units available that can be used within 150 feet of pillar workings or longwall faces.

- (i) The alternative method in the petition will at all times guarantee no less than the same measure of protection afforded to the miners by the standard.

The petitioner proposes the following alternative method:

- (a) All miners who will be involved with or affected by the use of the 3M Versaflo TR-800 or CleanSpace EX PAPRs shall receive training in accordance with 30 CFR 48.7 on the requirements of the Proposed Decision and Order (PDO) granted by MSHA and manufacturer guidelines. Such training shall be completed before any 3M Versaflo TR-800 or CleanSpace EX PAPR can be used within 150 feet of pillar workings or longwall faces. The operator shall keep a record of such training and provide such record to MSHA upon request.

- (b) The PAPRs, battery packs, all associated wiring and connections shall be inspected before use to determine if there is any damage to the units that would negatively impact intrinsic safety. If any defects are found, the PAPR shall be removed from service.

- (c) A separate logbook shall be maintained for the 3M Versaflo TR-800 and CleanSpace EX PAPRs that will be kept with the equipment, or in a location with other mine record books, and shall be made available to MSHA upon request. The equipment shall be examined at least weekly by a qualified person as defined in 30 CFR 75.512-1 and the examination results shall be recorded in the logbook. Examination records shall be maintained for one year.

- (d) All 3M Versaflo TR-800 and CleanSpace EX PAPRs to be used within 150 feet of pillar workings or longwall faces shall be physically examined prior to initial use and each unit shall be assigned a unique identification number. Each unit shall be examined by the person to operate the equipment prior to taking the equipment underground to ensure that the equipment is used according to the original equipment manufacturer's recommendations and is maintained in a safe operating condition. The examinations for the 3M Versaflo TR-800 PAPRs shall include:

- (1) Check the equipment for any physical damage and the integrity of the case.

- (2) Remove the battery and inspect for corrosion.

- (3) Inspect the contact points to ensure a secure connection to the battery.

- (4) Reinsert the battery and power up and shut down to ensure proper connections.

- (5) Check the battery compartment cover or battery attachment to ensure that it is securely fastened.

- (6) For equipment utilizing lithium type cells, ensure that lithium cells and/

or packs are not damaged or swelled in size.

The CleanSpace EX PAPR does not have an accessible/removable battery. The internal battery and motor/blower assembly are both contained within the "power unit" assembly and the battery cannot be removed, reinserted or fastened. Therefore, examination of the CleanSpace EX PAPR shall include any indications of physical damage.

(e) All 3M Versaflo TR-800 and CleanSpace EX PAPR units shall be serviced according to the manufacturer's recommendations.

(f) Prior to energizing and during use of the 3M Versaflo TR-800 or the CleanSpace EX PAPR within 150 feet of pillar workings or longwall faces, procedures in accordance with 30 CFR 75.323 shall be followed.

(g) Only the 3M TR-830 Battery Pack, which meets lithium battery safety standard UL 1642 or IEC 62133, in the 3M Versaflo TR-800 PAPR shall be used. Only the CleanSpace EX Power Unit, which meets lithium battery safety standard UL 1642 or IEC 62133, in the CleanSpace EX shall be used.

(h) If battery packs for the 3M Versaflo TR-800 PAPR are provided, all battery "change outs" shall occur in intake air outby the last open crosscut.

(i) The following maintenance and use conditions shall apply to equipment containing lithium type batteries:

(1) Neither the 3M TR-830 Battery Pack nor the CleanSpace EX Power Unit shall be disassembled nor modified by anyone other than permitted by the manufacturer of the equipment.

(2) The 3M TR-830 Battery Pack shall be charged only in an area free of combustible material and in intake air outby the last open crosscut. The 3M TR-830 Battery Pack shall be charged only by a manufacturer's recommended battery charger, such as:

(i) 3M Battery Charger Kit TR-641N, which includes one 3M Charger Cradle TR-640 and one 3M Power Supply TR-941N, or,

(ii) 3M 4-Station Battery Charger Kit TR-644N, which includes four 3M Charger Cradles TR-640 and one 3M 4-Station Battery Charger Base/Power Supply TR-944N.

(3) The CleanSpace EX internal battery, which is contained within the power unit assembly, shall be charged in areas located outby the last open crosscut in intake air and only the manufacturer's recommended battery chargers shall be used, such as the CleanSpace EX Battery Charger, Product Code PAF-0066.

(4) Neither the 3M TR-830 Battery Pack nor the CleanSpace EX power unit which contains the internal battery,

shall be exposed to water, allowed to get wet or immersed in liquid. This does not preclude incidental exposure of the 3M TR-830 Battery Pack or the CleanSpace EX power unit assembly.

(5) Neither the 3M Versaflo TR-800 PAPR nor the CleanSpace EX PAPR, including the internal battery, shall be used, charged or stored in locations where the manufacturer's recommended temperature limits are exceeded. Neither the 3M Versaflo TR-800 PAPR nor the CleanSpace EX PAPR shall be placed in direct sunlight nor stored near a source of heat.

(j) Annual retraining shall be given to all miners who will be involved with or affected by the use of the 3M Versaflo TR-800 or CleanSpace EX PAPRs in accordance with 30 CFR 48.8. Training of new miners on the requirements of the PDO granted by MSHA in accordance with 30 CFR 48.5, and training of experienced miners on the requirements of the PDO granted by MSHA in accordance with 30 CFR 48.6 shall be given. The operator shall keep a record of such training and provide such record to MSHA upon request.

(k) The miners at Tunnel Ridge, LLC, Tunnel Ridge Mine, are not represented by a labor organization and there are no representatives of miners at the mine. A copy of this petition has been posted on the bulletin board at Tunnel Ridge, LLC, Tunnel Ridge Mine, on October 4, 2024.

The petitioner asserts that the alternative method in the petition will at all times guarantee no less than the same measure of protection afforded to the miners by the standard.

**Song-ae Aromie Noe,**

*Director, Office of Standards, Regulations, and Variances.*

[FR Doc. 2024-26440 Filed 11-13-24; 8:45 am]

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## DEPARTMENT OF LABOR

### Mine Safety and Health Administration

#### Petition for Modification of Application of Existing Mandatory Safety Standards

**AGENCY:** Mine Safety and Health Administration, Labor.

**ACTION:** Notice.

**SUMMARY:** This notice is a summary of a petition for modification submitted to the Mine Safety and Health Administration (MSHA) by ACI Tygart Valley.

**DATES:** All comments on the petition must be received by MSHA's Office of Standards, Regulations, and Variances on or before December 16, 2024.

**ADDRESSES:** You may submit comments identified by Docket No. MSHA-2024-0060 by any of the following methods:

1. *Federal eRulemaking Portal:* <https://www.regulations.gov>. Follow the instructions for submitting comments for MSHA-2024-0060.

2. *Fax:* 202-693-9441.

3. *Email:* [petitioncomments@dol.gov](mailto:petitioncomments@dol.gov).

4. *Regular Mail or Hand Delivery:*

MSHA, Office of Standards, Regulations, and Variances, 201 12th Street South, Suite 4E401, Arlington, Virginia 22202-5452.

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1. An alternative method of achieving the result of such standard exists which will at all times guarantee no less than the same measure of protection afforded the miners of such mine by such standard; or

2. The application of such standard to such mine will result in a diminution of safety to the miners in such mine.

In addition, §§ 44.10 and 44.11 of 30 CFR establish the requirements for filing petitions for modification.

### II. Petition for Modification

*Docket Number:* M-2024-037-C.

*Petitioner:* ACI Tygart Valley, 1200 Tygart Drive, Grafton, West Virginia 26354.

*Mine:* Leer Mine, MSHA ID No. 46-09192, located in Taylor County, West Virginia.