

Personal Safety Division**Products:****3M™ Versaflo™ TR-6590N Multi-Gas/HE Cartridge**

This notice does not affect respiratory protection provided by this product. Please review carefully.

As part of 3M Personal Safety Division's ongoing commitment to delivering high quality safety equipment, in August 2022, we notified our end users of the following information related to 3M™ Versaflo™ TR-6590N Multi-Gas/HE Cartridge used with the 3M™ TR-600 Powered Air Purifying Respirator (PAPRs).

As communicated in the August 2022 notification, 3M determined through internal testing that some TR-6590N cartridges may not meet the 42 CFR Part 84.179 Silica Dust Loading Test – PAPR Series HE Filtration requirements.

Test Requirements	Requirements Not Met	Impact to Users
The PAPR system runs for a period of four hours in a test chamber while exposed to a high concentration of silica dust (50 – 60 mg/m ³).	Loading occurred in less than a four-hour period.	Users may see reduced particulate service-life due to faster loading but are not at risk of exposure since particulate filtration performance and PAPR alerts did not change.

TR-6590N Approved Configuration Change

To help minimize future supply disruptions, optimize the manufacturing process, and ensure all cartridge requirements for the TR-6590N are met, we are in the process of changing the NIOSH approved configurations for this product. Certain components that were previously approved with the TR-6590N will be removed from the NIOSH approval label. These components include the TR-630 battery, certain breathing tubes, and PAPR motor blowers.

Customers currently using TR-6590N cartridges with their 3M PAPRs should be aware that the approved configurations will be changing. Although the configurations remain approved today, we recommend that customers immediately start converting to the revised approved configurations provided in the table below.

3M remains committed to providing quality products and services to our customers. We apologize for any inconvenience that this situation may cause you. We appreciate your continued support of 3M Personal Safety products and services.

**3M TR-6590N Multi-Gas/HE Cartridge for TR-600 and TR-800
Revised NIOSH Approved Configurations**

				
	All M-Series Loose Fitting Headgear	All S-Series Loose Fitting Hoods	All H-Series Loose Fitting Headgear	All G5-Series Welding Helmet
TR-630 Battery	Not Approved			
TR-632 Battery	☒	☒	☒	☒
BT-20S/20L Breathing Tube	Not Approved			Only approved with 3M™ Speedglas™ Breathing Tubes: SG30W, SG30WL, SG40, SG50
BT-30 Breathing Tube	☒	☒	☒	
BT-40 Breathing Tube	☒	Not Approved		
TR-800 PAPR	Not Approved			
TR-681 PAPR Cover	Not Approved			

We will also be removing all L-series helmets and BE series hood approvals with the TR-6590N, as these products were obsoleted in 2018. There will be no change to the TR-6590N with tight-fitting half and full facepiece approvals.

We apologize for any inconvenience this may cause and appreciate your continued support.

If you have any questions, please feel free to contact your local 3M representative or 3M Technical Support at 1-800-243-4630.

Sincerely

3M Personal Safety Division

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