



State of West Virginia
Earl Ray Tomblin, Governor

WV Office of Miners' Health, Safety & Training
Eugene White, Director
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October 1, 2014

David E Maust
Vice President and General Manager
Strata Safety Products
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After the evaluation of the documentation submitted and with the recommendation of our technical reviewer the Office of Miners' Health Safety and Training approves the requested modification of all Strata Safety Products' Fresh Air Bay™ models previously approved for use in meeting the Emergency Shelters/Chambers requirements outlined in the West Virginia Legislative Rule Governing Protective Clothing and Equipment, §56-4-8 with the conditions noted below.

Modifications apply only to approved shelter designs and only those shipped after the above affixed date.

Modification consists of structural modifications necessary to allow the installation of the Trolex TX6377, a self-contained transportable environmental five gas monitoring system, in previously approved Fresh Air Bay (FAB) and Strata Modern Mine shelters. While the Strata Modern Mine units require no structural modifications the FAB units are allowed to attach a water/airtight auxiliary enclosure to the tent access door. The method of attachment shall be via 6-5/8" bolts with self-cutting threads in either the outer skin of the tent access door or the skin on the top of the FAB ahead of the bulk head where the tent is attached to the steel box. In the case of either location, the penetrations will NOT extend into the living space of the FAB, instead the penetrations are only to be into the annular space between the rolled up tent and the steel shell, outside the air-tight bulkhead. Additionally, the penetrations are not to be made into any structural support member. Based upon submitted drawings and specifications it was determined that these modifications will not impact the structural integrity of the unit.

The modifications included herein are subject to pending MSHA approvals.

Strata Safety Products shall, upon request, provide this office with verification of valid orders, delivery dates, and status of delivery as required for this office to enforce §56-4-8.

Any changes required or enhancements to the approved design affecting the ability to meet any provision of §56-4-8 shall require approval of this Office prior to any affected Strata Modern Mine Shelter or Fresh Air Bay™ being placed into operation.

Sincerely,

A handwritten signature in cursive script that reads "Eugene White".

Eugene White, Director
Office of Miners' Health and Safety