



State of West Virginia
Earl Ray Tomblin, Governor

WV Office of Miners' Health, Safety & Training
Eugene White, Director
#7 Players Club Rd., Suite 2 • Charleston, West Virginia • 25311-1626
Telephone 304-558-1425 • Fax 304-558-1282
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March 22, 2013

Mr. David E. Maust, Vice President and General Manager
Strata Products Refuge Alternatives
Strata Safety, LLC
8995 Roswell Road NE, Suite 200
Sandy Springs, GA 30350

Subject: Additional Approvals of the Emergency Refuge Shelter™ under WV Legislative Rule Title 56, Series 4 Emergency Rules Governing Protective Clothing and Equipment

Sir,

The approval for the Strata Products (USA), Inc.'s Coal Mine Refuge Chamber™ is amended to include the use of an alternative fabric that has been demonstrated to flame resistance and puncture resistance standards adopted by U.S. Department of Labor. In addition an increase in the interior dimensions to meet upcoming requirements for the above agency is also approved by this amendment.

Units which utilize these amended features will be identified as such by the inclusion of the number "7" after the fourth character of the serial number followed by the two digit numeric value indicating the maximum occupants for whom the shelter was designed, built and provisioned to provide a minimum of 96 hours life support and sufficient purge air to allow that number access.

Strata Products (USA), Inc. 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 the Coal Mine Refuge Chamber™ being placed into operation.

Sincerely,

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

Eugene White, Director
Office of Miners' Health and Safety



WHERE SAFETY IS SUCCESS.™

Eugene White, Director
WV Office of Miners' Health, Safety & Training
#7 Players Club Rd
Suite 2
Charleston, West Virginia, 25311-1626

March 20, 2013

Dear Director White,

On March 19, 2013 Strata was issued approval to upgrade various refuge alternatives approved under W Va Code R. 56-4-8 to be refit with valves constructed of monel for high pressure oxygen and compressed air as well as other components as required by CFR 30 Part 7. CFR 30, Part 7 also requires refuge alternatives to be constructed of fabric to meet certain flame resistance and puncture resistance standards as well as meet prescribed space and volume requirements.

Strata is proposing to begin construction of refuge alternatives with canopies that meet the CFR 30 Part 7 requirements. In addition, these refuge alternatives m tested to meet CFR 30 Part 7 overpressure and flash fire standards and Strata has applied to MSHA for approval for the Structural Component of these units. No changes have been made to the shelters that would cause the shelter to not meet all of WV current standards and requirements.

We propose to build the current shelter models approved under W Va Code R. 56-4-8 with the aforementioned changes. The new shelters will use the existing model numbers on the identification tag affixed to the unit but will now have an additional manufacturer's part number engraved below the model number, identifying the shelter as "built to" CFR 30 Part 7 Structural and Component standards. An example of such identification is shown below:

Refuge Model Number: M3630-5.5
Manufacturer's part: 536B7182-02

As noted in our first request, the above, highlighted digit "7" will indicate that the unit has been built to CFR 30 Part 7 Component standards and includes the upgrades listed above. The highlight digits "18" will indicate that the unit is compliant with the CFR 30 Part 7 Structural standards. Shelters that have not undergone refit or built to

original standards as under W Va Code R. 56-4-8 will not have this designation. When granted MSHA approval under CFR 30 Part 7, these shelters will include the appropriate MSHA markings.

We respectfully request that you issue the appropriate waiver/approval to allow us to proceed as requested.

Best regards,



David E Maust
Vice President and General Manager
Strata Refuge Alternatives
Strata Safety, LLC