



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
www.wvminesafety.org

August 12, 2013

Edward V. Roscioli, CEO
ChemBio Shelter, Inc.
968 postal Road, Suite 320
Allentown, PA 18109-9399

Dear Mr. Roscioli,

After evaluation of the documentation submitted and with the recommendation of our technical reviewer the WV Office of Miners' Health Safety and Training approves the modification of ChemBio Shelter, Inc. models currently approved to include a variation that utilizes Monel fittings and valves on all high pressure oxygen circuits and either Monel or stainless steel fittings and valves on all compressed air circuits.

Model so built shall be identified by the inclusion of "RF" at the end of their serial number. Such serial number shall be easily observed by those doing inspections.

This modification does not change the requirement that all WV approved emergency shelters must be made complaint with MSHA part 7 by December 31, 2013 or be decommissioned. The approval for any shelters either not made compliant or decommissioned will be revoked effective January 1, 2014.

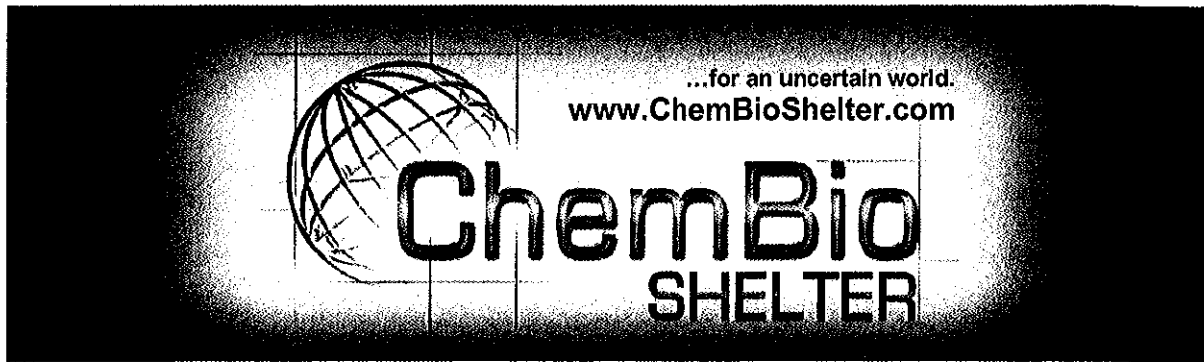
ChemBio Shelter, Inc. shall, upon request, provide this office with verification of valid orders, delivery dates and status of deliveries as required for this office to enforce §56-4-8 and related orders.

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 ChemBio Shelter, Inc. approved units being placed in operation.

Sincerely,

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

Enc: 2



August 3, 2013

Randall Harris
Consultant to the State of West Virginia
WV Office of Miners' Health Safety & Training
#7 Players Club Rd, Suite 2
Charleston, WV 25311-1626

Re: Request for Modification

Dear Mr. Harris,

The purpose of this letter is to seek approval from WVOMHST regarding the use of Monel tubing and fittings in the high pressure oxygen circuit and stainless steel tubing and fittings in the air circuits for ChemBio Shelter models for the WV-MSHA refuge alternative refit program.

All refit shelters would have Monel tubing and Monel fittings in the high pressure oxygen circuit and stainless steel tubing and stainless steel fittings in the high pressure air circuits.

Our shelter refit numbering identifies that a shelter has been refit by use of a - RF behind the LS number for any shelter that has been refit. This number is clearly visible on the outside of the shelter. It is stamped into a name plate that is riveted to the shelter box being refit and would be the serial number of the shelter (see attached drawing).

If you have any questions or need additional information, please feel free to contact me.

Thank you for your considerate attention to this matter.


Have a great day!

Sincerely,

Edward V. Roscioli, CEO

BILL OF MATERIAL ~ P/N 100671

ITEM	REQ'D	PART NUMBER	DESCRIPTION	UNIT WEIGHT
1	1	100671	8.0x 5.75x .018" STAINLESS STEEL	N/A


SOPHIA, WV.
PHONE: 304-683-6909
www.ChemBioShelter.com

MODEL NO. _____
 SERIAL NO. _____
 DATE OF MANUFACTURE _____
 MONITORING COMPONENT _____
 MSHA APPROVAL # _____
 HARMFUL GAS REMOVAL COMPONENT _____
 MSHA APPROVAL # _____
 BREATHABLE AIR COMPONENT _____
 MSHA APPROVAL # _____
 CO2 SCRUBBING CURTAINS _____
 MSHA APPROVAL # _____
 EXPIRATION DATE _____
 THIS SHELTER HAS _____ CURTAINS FOR _____ MINERS FOR 96 HOURS.

TEMPERATURE _____ °F
 THE MAXIMUM MINE AIR TEMPERATURE UNDER WHICH THE REFUGE ALTERNATIVE IS DESIGNED TO OPERATE WHEN THE UNIT IS FULLY OCCUPIED IS _____ °F

5 3/4

1 9/2

SPECIALTY METAL PRODUCTS
PHONE: 1-(724)-528-2900
FAX: 1-(724)-528-2805

NOTE: This tag shall be securely, and conspicuously attached to the exterior of the Refuge Alternative.

REV	DESCRIPTION	DATE
C	MSHA WORDING CHANGE	7/17/13
B	ED'S WORDING CHANGE	CLB 7/11/13
A	ADDED NOTE	CLB 4/9/13
	BY	

MANUFACTURING TOLERANCES UNLESS OTHERWISE SPECIFIED	FRACCTIONS 1/16"
	X .1"
	.XX .02"
	.XXX .005"
	ANGULAR .5°
	FINISH 125√
NEXT LEVEL ASSEMBLY	

SCALE	N/A	WT (lb)	N/A	REV	D	SIZE	B
CHECK		DATE					
DRUM	CLB	DATE	6-6-13				
CHEMBIO APPROVAL TAG				100671-1			

9800 Pottsville Road, Suite 200 Allentown, PA 18109 610-344-0275	5200 Shaver Ct, Boyd Drive Sophia, WV 26021 304-683-6909
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