




*State of West Virginia*  
**Joe Manchin III, Governor**

**WV Office of Miners' Health, Safety & Training**  
**Ronald L. Wooten, Director**  
1615 Washington Street East • Charleston, West Virginia • 25311-2126  
Telephone 304-558-1425 • Fax 304-558-1282  
[www.wvminesafety.org](http://www.wvminesafety.org)

**MEMO**

**TO:** All West Virginia Underground Mines

**FROM:** Ronald L. Wooten, Director 

**DATE:** March 16, 2007

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

---

In addition to those announced on March 9, 2007 an additional model offered by Strata Products (USA) designated the ESA/Strata 25 miner unit is also added. This model has a slightly larger skid - 3 inches higher and 9.5 inches wider - this allows the unit to increase the number of oxygen bottles and also increase the compressed air to allow for filling the larger tent.

The reconfigured unit provides 96 hours of life support and meets all the Emergency Shelters/Chambers requirements outlined in the West Virginia Code of State Rules Title 56, Series 4, Section 8 Governing Protective Clothing and Equipment.

On March 9, 2007 the Office of Miner's Health Safety and Training approved Modern Mine Safety Supply's Emergency Refuge Shelter™ for use in meeting the Emergency Shelters/Chambers requirements outlined in the West Virginia Rule Governing Protective Clothing and Equipment, CSR56-4-8 effective upon receipt of confirmation of approval of your battery powered scrubbing system or your substitution of a non-electrical system. This unit can be included in Emergency Shelter Plans due April 15, 2007 provided provisions are made to substitute in the case Modern Mine Safety is unable to provide that additional submittal

RLW:ks