



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

**WV Office of Miners' Health, Safety & Training**  
**Ronald L. Wooten, Director**  
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December 29, 2008

Mr. James Rau  
MineARC Systems America LLC  
4730 Bronze Way  
Dallas TX 75236-1902

After the evaluation of the documentation submitted and with the recommendation of our technical reviewers the Office of Miner's Health Safety and Training approves MineARC Systems America LLC's Coal-SAFE® for use in meeting the Emergency Shelters/Chambers requirements outlined in the West Virginia Emergency Rule Governing Protective Clothing and Equipment, §56-4-8 with the satisfaction of the conditions noted below.

The Coal-SAFE® models CS-12, CS-16, CS-20, CSLS-12, CSLS-16, and CSLS-20 are approved for a maximum number of miners indicated by the numeric portion of the model number for the application in underground mines for use when built and provisioned as specified in the application and providing a minimum of 96 hours life support.

MineARC Systems' 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 MineARC Systems America LLC's Coal-SAFE® being placed into operation.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald Wooten".

Ronald Wooten, Director  
Office of Miners' Health and Safety