

**Fayette County Health Center**  
**100 New Salem Road, Room 167**  
**Uniontown, PA 15401**  
September 29, 2008

**Bureau of Mine Safety**

724-439-7469  
Fax 724-439-7324

Mr. Jim Coe  
BUCYRUS  
4041 Wurno Road  
Pulaski, Virginia 24301

RE: **Tentative Approval** of Bucyrus Model 482 D diesel scoop with a Deutz BF4L 2011 78HP diesel engine and a DBT Management System.

Dear Mr. Coe:

This letter acknowledges receipt of a September 11, 2008, letter from David C. Sharkins of Rosebud Mining Company requesting tentative approval to use the Bucyrus Model 482 D diesel scoop with a Deutz BF4L 2011 78HP diesel engine and a DBT Management System at the Twin Rocks Mine.

The Bureau of Mine Safety (BMS) will assign BOTE-D and BOTE-DEES numbers upon final approval.

On August 14<sup>th</sup>, 2008 the TAC and BMS traveled to Brookville Equipment to inspect the equipment and evaluate the need for an Alternate Test Procedure for testing CO emissions. On September 15<sup>th</sup>, 2008 BMS conducted a second inspection of the diesel powered scoop.

Based on the information provided and the TAC recommendation, the Department *temporarily approves* the BUCYRUS Model 482 D diesel scoop with a Deutz BF4L 2011 78HP diesel engine and a DBT Management System and the 90 second alternate test procedure for emission checks. The General Specification Sheet must be strictly complied with. The PA ventilation rate for this engine is 6,000 cfm. This diesel scoop is strictly for use outby the last permanent ventilation wall.

The next scheduled meeting of the Diesel Technical Advisory Committee is scheduled for October 8<sup>th</sup>, 2008, upon which time a formal recommendation will be provided.

Should you have any questions regarding the process, contact my office at the above phone number.

Sincerely,

Joseph A. Scaffoni  
Director  
Bureau of Mine Safety

Enclosures

cc: Ron Bowersox/TAC  
Paul Borchick/TAC

bcc: W. Bookshar  
A. Martin  
M. McCaffrey  
S. Gaida  
R. Ceschini  
B. Straka  
J. Kerch  
R. DuBreucq  
TAC file/A. Gaida

JAS/WBB/cd

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