

Fayette County Health Center
100 New Salem Road, Room 167
Uniontown, PA 15401
August 13, 2004

Bureau of Deep Mine Safety

724-439-7469

Mr. Eli Schmader
Brookville Equipment Corporation
175 Evans Street
P. O. Box 130
Brookville, PA 15825

Re: Final Approval of Alternate Test Procedure for Carbon Monoxide (CO) Sampling requested for the Cummins QSB C 240 5.9 190 HP Diesel Engine Powering the Brookville Model 20T240D Locomotive

Dear Mr. Schmader:

Article II-A of the Pennsylvania Bituminous Coal Mine Act (Act) establishes the standards and procedures for using diesel-powered equipment in Pennsylvania's underground bituminous coal mines. Section 224-A of the Act establishes the Technical Advisory Committee on Diesel-Powered Equipment (TAC) whose duties include reviewing requests to use alternative technologies or methods to comply with the requirements of the Act. Any alternative technology or methods recommended by the advisory committee and approved by the Department shall not reduce or compromise the level of health and safety protection afforded by Article II-A.

On-site tests confirmed that the alternate test procedure is required. Additional testing conducted on May 4, 2004, verified this result. The TAC recommended that the Department approve the alternate test procedure for the Brookville Model 20T240D locomotive. The TAC also recommended that should any major component of the drive train be changed, the Bureau is to be notified immediately. Additional emission testing may be required at that time.

Based on the information provided and the TAC recommendation, the Department approves the 90-second alternate test procedure for the Cummins QSB C240 5.9 190 HP diesel engine and Brookville Model 20T240D locomotive. The Department approves the TAC recommendations because the alternative method will not reduce or compromise the level of health and safety protection afforded by Article II-A of the Act. A copy of the approved alternate test procedure is enclosed.

Should you have any questions concerning this, please contact me at the above number or e-mail me at jsbaffoni@state.pa.us.

Sincerely,

Joseph A. Sbaffoni
Director
Bureau of Deep Mine Safety

Enclosure

cc: G. Ellis, PCA
R. DuBreucq, TAC
G. Davis, TAC

bcc: D. Smicik
W. Bookshar
A. Martin
S. Gaida
A. Gaida/TAC and Brookville Files

JAS:WBB:adg

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