

**MINUTES**  
**Technical Advisory Committee on Diesel-Powered Equipment**  
**Fayette County Health Center**  
**January 9, 2008**

The Technical Advisory Committee on Diesel-Powered Equipment (TAC) held a regular meeting on January 9 in the Mine Safety Training Room at the Fayette County Health Center in Uniontown. The meeting began at 10:05 a.m.

Attendance:

Members Present:

Ron Bowersox  
Paul Borchick

Others Present:

Gene Davis, Davis Training and Consulting  
Dave Sharkins, Rosebud Mining Company  
James Coe, Bucyrus  
Mike Gais, Bucyrus  
Dennis Walker, DEP, BMS  
Mike McCaffrey, DEP, BMS  
William Bookshar, DEP, BMS  
Cathy Dunn, DEP, BMS

Minutes of the October 10, 2007, meeting were distributed and reviewed. TAC members Ron Bowersox and Paul Borchick approved the minutes with no changes.

Old Business:

Diesel-Powered Equipment in Shaft and Slope Construction Operations: The TAC has decided to hold off on this approval until the new laws are enacted.

Final Recommendation of Brookville Model 20T193D 20-Ton Locomotive: The TAC and DEP traveled to Emerald Mine to meet representatives from Brookville and Emerald on January 4, 2008, to re-inspect this piece of equipment. They discussed alternative solutions to the surface temperature issues on the turbo and arm. They agreed to wrap the waste gate arm bracket with a Fire Wrap material temporary wrap. The TAC and DEP were satisfied that the wrap on the waste gate arm met the requirements of the law. Brookville will provide a permanent Fire Wrap material wrap and notify BMS when it is installed. The TAC recommended final approval on January 9, 2008.

Final Recommendation of DBT 488D Scoop: On November 21, 2007, the TAC recommended to BMS that the DBT 488D Scoop be approved. The TAC recommended final approval of the 90-second alternate test on January 9, 2008, based on information obtained from Gene Davis and Rosebud Mining.

Final Recommendation of Brookville Model 18M100D Personnel Carrier: The TAC and BMS investigated this on October 26, 2007, at Brookville. The equipment was tested for the 90-second alternate test and temporary approval was recommended. The TAC recommended final approval on January 9, 2008.

Equipment Local Availability for Inspection: The TAC and BMS will continue to request to have equipment made available locally for inspection, but will continue to travel for inspections if necessary.

Compliance with Temporary Approval Stipulations: The TAC will continue to consider temporary approvals on a case-by-case basis, but will include time limits on the temporary approval recommendations which may be extended if circumstances warrant.

**New Business:**

Gene Davis had a question on what the TAC will accept as a method of verification of exhaust gas temperatures. The question arose from the directive issued by the Bureau of Mine Safety Director based on the TAC's recommendation on exhaust gas temperature sensor accuracy. The TAC responded that they presently measure the exhaust gas temperature using a heat gun, but they are requesting the BMS purchase a thermocouple-type temperature probe, that can be calibrated, to more accurately measure the exhaust gas temperature.

With no further business to discuss, the meeting was adjourned at 10:45 a.m. The next meeting will be held on April 9, 2008.