

MINUTES
Technical Advisory Committee on Diesel-Powered Equipment
Fayette County Health Center
April 13, 2011

The Technical Advisory Committee on Diesel-Powered Equipment (TAC) held a regular meeting on April 13, 2011, in the Front Conference 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, Rosebud Mining
Ron Vlassich, Rosebud Mining
William Bookshar, DEP, BMS
Dennis Coffey, DEP, BMS
Michael McCaffrey, DEP, BMS
Dennis Walker, DEP, BMS
John Antoon, DEP, BMS
Steve Gaida, DEP, BMS
Cathy Dunn, DEP, BMS

Minutes of the January 12, 2011, meeting were distributed and reviewed. TAC members Ron Bowersox and Paul Borchick approved the minutes with no changes.

Old Business:

MTTC – TAC / DEP exhaust gas leak detection verification using a CO sniffer -follow up from Gunther Nash/ Enlow Slope - Permissible Diesel End Loader: The TAC traveled to the Mining Technology and Training Center (MTTC) on February 3, 2011 to meet with Gene Davis in their lab. The TAC used an Industrial Scientific ATX620 Multi-Gas Detector with a probe for detecting carbon monoxide (CO) to do a variety of air flow tests. An increase in CO was detected each time. The TAC reported that they were comfortable with using this method, along with using feeler gauge to detect CO. West Virginia uses similar tests. The TAC also thanked Gene Davis for the opportunity to conduct these tests at MTTC.

Bucyrus Permissible scoop: The piece of equipment is not yet ready to be inspected. When it becomes available, the TAC will be available to test it.

Bailey / BMX Intake Escapeway Fueling Plan: On February 23, 2011, the TAC and DEP staff met at the Bailey BMX mine to review this plan. In a letter dated February 28, the TAC

recommended approval to the DEP. The DEP is in process of preparing a letter to send out to Bailey. The TAC recommended final approval on April 13, 2011.

Bailey / BMX One Person Diesel Fuel Transfer System: On February 23, 2011, the TAC and DEP staff met at the Bailey BMX mine to review this plan and evaluate surface and underground facilities. The TAC and DEP recommended changes to Bailey which have been done, and on March 11 the TAC recommended a 30-day trial period for this One Person Diesel Fuel Transfer System. The TAC recommended site-specific final approval for this One Person Diesel Fuel Transfer System on April 13, 2011.

Rhomac - Mine Rover PC732: On March 14, 2011, the TAC and DEP staff traveled to Rhomac to evaluate this piece of equipment. On March 22, they went back to re-inspect the equipment after necessary changes were made and found it to be satisfactory. On March 23, 2011 Gene Davis requested temporary approval from the TAC, and on March 24 the TAC recommended temporary approval while a 100-hour testing was being conducted on this equipment. The TAC will withhold a final approval recommendation until the July 13, 2011 meeting, pending completion of the 100-hour testing.

TAC equipment – diesel exhaust gas analyzer: The TAC is in receipt of this equipment from the DEP and will set up a time when the TAC and DEP can test with this equipment at the MTTTC. The TAC had also requested a fluke digital sensor but the DEP already possessed this, and the TAC will be permitted to use it during any tests they must conduct.

J H Fletcher – Diesel Powered Man-hole Cutter, Model CMHC-D: The TAC received a request from the DEP on March 29, 2011 to test this. They will be available to test it when the equipment is available.

Strata Mine Services Blastcrete Mine Mate Foam Rock Dust Machine: The TAC has not heard anything regarding this piece of equipment but will be ready to inspect it when it is ready.

Performance Enterprise Synthetic Lubricant test: On March 14, 2011, the TAC had a request from Performance Enterprise to evaluate synthetic lubricants for greater than 100-hour oil changes. No action has been taken on this yet.

Rhomac Model FWC1430D Water Fire Car: In April, the TAC received a request from Rhomac to use an alternate flame arrestor to replace the discontinued flame arrestor used in the Model FWC1430D water fire car. No action has been taken yet pending the TAC's evaluation.

Rhomac Mine Rover PC740: In April, the TAC received a request from Rhomac to evaluate a Mine Rover PC740 engine and emissions package. The TAC will be available to inspect this equipment when it is available.

New Business:

J. H. Fletcher Diesel Powered Track Drill: DEP informed the TAC that they have received a request from J H Fletcher for the TAC to evaluate a diesel powered Track Mounted Roof Bolter. The TAC will evaluate this piece of equipment when it becomes available.

Steve Gaida wished to make the TAC aware that intake restriction gauges may work inefficiently and may yield inaccurate results. A general discussion ensued regarding the maintenance of gauges and equipment.

With no further business to discuss, the meeting was adjourned at 10:55 a.m. The next meeting will be on July 13, 2011.