



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

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October 25, 2010

Mr. Ron Michael
A L Lee Corporation
PO Box 99
2075 Lester Highway
Lester, WV 25865

Re: Recommendation for A. L. Lee diesel compressor power pack utilizing a Deutz D2011L02i – 30 HP engine and a DST M70 DPM filter.

Dear Mr. Michael:

Chapter 4 of the “Bituminous Coal Mine Safety Act” (the Act) provides for the use of diesel-powered equipment in underground bituminous coal mines. Section 424 of the Act created a Technical Advisory Committee (“TAC”) for the purpose of advising the Department regarding the implementation of Chapter 4 and evaluation of alternative technology or methods for meeting the requirements of Chapter 4.

On May 3, 2010, A. L. Lee Corporation submitted a request to the Bureau of Mine Safety (BMS) for approval of the above referenced equipment. On May 12, 2010, the Director of the BMS requested the TAC to evaluate the A. L. Lee diesel powered compressor power pack and to advise the Department as to whether the referenced equipment meets the requirements of Section 403 of the Act.

On May 28, 2010, the TAC and DEP traveled to A. L. Lee to inspect the equipment at which time the TAC evaluated the engine and exhaust emissions package. On that date, there were a number of issues that needed to be addressed regarding some gages, warning lights and excessive surface operating temperatures.

On August 3, 2010 the TAC and DEP re-inspected the equipment and determined that the equipment was in compliance with Section 403 of the Act.

The TAC issued a recommendation to the Bureau on August 20, 2010 recommending approval of the above described diesel power package with the following stipulations. This recommendation was provided with the understanding that the General Specification Sheet (Attachment 1) be strictly adhered to.

Additional TAC stipulations for approval are:


- The unit must be attended during operation as required in Section 401(b) of the Act.

- The stall test procedure will be posted on the unit and all persons required to perform the 100 hour maintenance checks as required by Section 418 will be trained in how to perform the engine stall.
- The minimum quantities of ventilating air must be maintained at all times during operation as required by Section 404 of the Act.

Temporary approval for use of this equipment was granted by the Bureau of Mine Safety in response to a September 3, 2010 request from Consol Energy in advance of the regularly scheduled TAC meeting on October 13, 2010. The TAC made a recommendation to approve the equipment on October 13, 2010.

If you have any questions regarding this matter, please contact Michael T. McCaffrey at either mmccaffrey@state.pa.us or 724-425-3021.

Sincerely,


Joseph A. Scaffoni
Director
Bureau of Mine Safety

Enclosure

cc: Borchick
Bowersox

MM
JAS:MM:ed

bcc: Bookshar
Martin
McCaffrey
Antoon
Gaida

\\epmsuns03\bms\$\AdvisoryCommittee\TAC - DIESEL LETTERS BY YEAR\2010\ - A L Lee diesel compressor power pack utilizing deutz
D2011L02i - cd.doc



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

October 15, 2010

Mr. Ron Michael
AL Lee Corporation
PO Box 99
2075 Lester Highway
Lester, WV 25865

Re: **ITEM: DIESEL ROCKDUSTER**
MODEL: 628RM; SERIAL NO.: E10515; VOLTAGE: 12 VDC; HP: 30.2 HP @
2800 RPM
APSID NO: 715857
APPROVAL NO. BOTE D 130-10

ENGINE MFG: DEUTZ MODEL: D2011 L02i HP: 30.2
EMISSION SYSTEM TYPE: DST EMISSIONS SYSTEM CONSISTING OF MOTORPAL
MODEL 428-7049 FUEL INJECTION PUMP, DST M80-233-02 OXIDATION CATALYST,
DST M195-301-01 HEAT EXCHANGER, DST M70-417-01 DPM FILTER
BOTE DEES NO. 131-10 PA VENTILATION RATE 2000 CFM

Dear Mr. Michael:

We have completed our evaluation of the equipment noted above, and approve its use in all bituminous underground coal mines of Pennsylvania. The equipment meets the legal requirements of the *Pennsylvania Bituminous Coal Mine Act*.

Pennsylvania approval number **BOTE D 130-10** has been assigned to the equipment. This number must appear conspicuously on the outside of the subject equipment on a 2" x 4" rust-resistant metal plate, or any other Bureau acceptable material. The approval plate should read "Commonwealth of Pennsylvania" and "Approval No. **BOTE D 130-10**." The plate and lettering should be resistant to removal by abrasion.

If you want to make changes or alterations on this equipment, a written request outlining the proposed changes, together with any related prints or drawings, must be submitted to this office for approval. If you have any questions, please contact me at the telephone number below.

Sincerely,

Joseph A. Scaffoni
Director
Bureau of Mine Safety