



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

August 14, 2012

Jim Coe
Caterpillar
4041 Wurno Road
Pulaski, VA 24301

Re: **ITEM:** PERMISSIBLE DIESEL SCOOP
MODEL NO.: 488DXP; **VOLTAGE:** 12 VDC; **HP:** 150 @ 2200 RPM
APSID NO.: 702022
APPROVAL NO. BFE-D 105-12

ENGINE MFG: DEUTZ **MODEL:** 1013FC
PA VENTILATION RATE: 8,000 CFM **HP:** 150
EMISSION SYSTEM TYPE: CATERPILLAR
APS ID NO.: 787534
APPROVAL OF BFE-DEES NO.: 99-12

Dear Mr. Coe:

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

Pennsylvania approval number **BFE-D 105-12** 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. **BFE-D 105-12**". 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