



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

August 26, 2013

Leno Rainero
Damascus
PO Box 610
Abingdon, VA 24212

Re: **ITEM:** 3-MAN DIESEL PERSONNEL CARRIER
MODEL: MAC-8D; **VOLTAGE:** 12 VDC; **HP:** 74
APSID NO: 805118
APPROVAL NO. BOTE-D 95-13

ENGINE MFG: Deutz **MODEL:** BF 4 M 2011 **HP:** 87 HP (derated to 74 HP) @ 2800 RPM
EMISSION SYSTEM TYPE: Silicon Carbide Filter (ECS S/9) and an Engine Control System Oxidation Catalyst (AZ 27) utilizing off Board Regeneration
BOTE-DEES NO. 53-09 **PA VENTILATION RATE:** 6000 CFM

Dear Mr. Rainero:

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 95-13** 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 95-13**." 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