



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

November 1, 2013

Kevin Bartholow  
Irwin Car and Equipment  
PO Box 56  
Blairsville, PA 15717

Re: **ITEM:** DIESEL PERSONNEL CARRIER  
**MODEL:** DH-8; **VOLTAGE:** 12 VDC; **HP:** 100@2500 RPM  
**APSID NO:** 821806  
**APPROVAL NO. BOTE-D 132-13**

**ENGINE MFG:** CUMMINS **MODEL:** QSB 4.5  
**PA VENTILATION RATE:** 6,000 CFM **HP:** 100 {derated from 130}  
**EMISSION SYSTEM TYPE:** DST  
**APS ID NO.:** 685153  
**APPROVAL OF BOTE-DEES NO.:** 12-09

Dear Mr. Bartholow:

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

Pennsylvania approval number **BOTE-D 132-13** 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 132-13**." 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