



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

February 8, 2012

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

Re: **ITEM:** 25 TON DIESEL LOCOMOTIVE  
**MODEL:** 11-18904; **SERIAL NO.:** 11410; **VOLTAGE:** 12 VDC; **HP:** 215  
HP @ 2500 RPM  
**APSID NO:** 754150  
**APPROVAL NO. BOTE-D 13-12**

**ENGINE MFG:** CUMMINS **MODEL:** QSB6.7  
**PA VENTILATION RATE:** 8500 CFM **HP:** 193 @ 2200 RPM  
**EMISSION SYSTEM TYPE:** M267 DST MANAGEMENT SYSTEM  
**APS ID NO.:** 636578  
**APPROVAL OF BOTE-DEES NO.:** 7-08


Dear Mr. Bartholow:

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 13-12** 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. **BOTE-D 13-12**." 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



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

September 4, 2013

Matt Snyder  
Irwin Car and Equipment  
PO Box 56  
Blairsville, PA 15717

Re: **ITEM:** 25 TON DIESEL LOCOMOTIVE  
**MODEL:** 11-18904; **SERIAL NO.:** 11410; **VOLTAGE:** 12 VDC; **HP:** 215  
HP @ 2500 RPM  
**APSID NO:** 820640  
**MODIFICATION TO APPROVAL NO. BOTE-D 13-12**  
*\*Modification consists of electrically relocating the MESR shut-down relay to prevent setting the park brake while traveling when an oil PSI, oil temp or exhaust temp sensor goes bad\**

**ENGINE MFG:** CUMMINS **MODEL:** QSB6.7  
**PA VENTILATION RATE:** 8500 CFM **HP:** 193 @ 2200 RPM  
**EMISSION SYSTEM TYPE:** M267 DST MANAGEMENT SYSTEM  
**APS ID NO.:** 636578  
**APPROVAL OF BOTE-DEES NO.:** 7-08

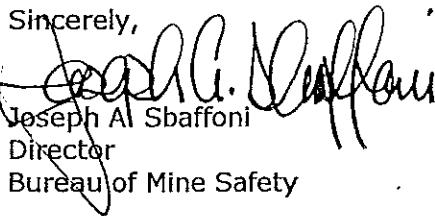
Dear Mr. Snyder:

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 13-12** 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. **BOTE-D 13-12**." The plate and lettering should be resistant to removal by abrasion.

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Sincerely,

  
Joseph Al Scaffoni  
Director  
Bureau of Mine Safety



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

May 8, 2015

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

Re: **ITEM:** 25 TON DIESEL LOCOMOTIVE  
**MODEL:** 11-18904; **SERIAL NO.:** 11410; **VOLTAGE:** 12 VDC; **HP:** 215  
HP @ 2500 RPM  
**APSID NO:** 868761  
**MODIFICATION TO APPROVAL NO. BOTE-D 13-12**  
*\*Add PTO system and a coupler release camera system\**

**ENGINE MFG:** CUMMINS **MODEL:** QSB6.7  
**PA VENTILATION RATE:** 8500 CFM **HP:** 193 @ 2200 RPM  
**EMISSION SYSTEM TYPE:** M267 DST MANAGEMENT SYSTEM  
**APS ID NO.:** 636578  
**APPROVAL BOTE-DEES NO.:** 7-08

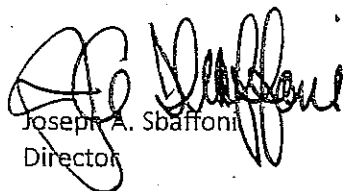
Dear Mr. Bartholow:

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Sincerely,

  
Joseph A. Scaffoni  
Director