

Fayette County Health Center  
100 New Salem Road, Room 167  
Uniontown, PA 15401  
April 9, 2009

Bureau of Mine Safety

724-439-7469  
Fax 724-439-7324

Mr. Arnemann Grender  
Johnson Industries, Inc.  
101 Pine Fork  
Pikeville, KY 41501

Re: **ITEM:** Diesel, 8-12 Man Mantrip  
**MODEL:** SS; **SERIAL NO.:** PA 001; **VOLTAGE:** 12VDC; **HP:** 74 HP Continuous  
**@ 2800 RPM**  
**APSID NO:** 659288  
**APPROVAL OF BOTE-D 52-09**

**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. Grender:

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 52-09** 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 52-09**." 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 above telephone number.

Sincerely,

Joseph A. Scaffoni  
Director  
Bureau of Mine Safety





# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

September 9, 2010

Arnemann Grender  
Johnson Industries, Inc.  
101 Pine Fork Road  
Pikeville, KY 41501

Re: **ITEM: DIESEL 8-12 MAN MANTRIP**  
**MODEL: SS; SERIAL NO.: PA SS 011; VOLTAGE: 12 VDC; HP: 74 HP**  
Continuous @ 2800 RPM  
**APSID NO: 717405**  
**MODIFICATION OF APPROVAL OF BOTE-D 52-09**

Dear Mr. Grender:

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Joseph A. Scaffoni  
Director  
Bureau of Mine Safety

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[www.depweb.state.pa.us](http://www.depweb.state.pa.us)





**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

June 20, 2014

Arnemann Grender  
Johnson Industries  
101 Pine Fork  
Pikeville, KY 41501

Re: **ITEM:** DIESEL MANTRIP 8-12 MAN  
**MODEL:** SS  
**APSID NO:** 843253  
**MODIFICATION TO APPROVAL NO. BOTE-D 52-09**  
*\*Use alternate transmission and park brake\**

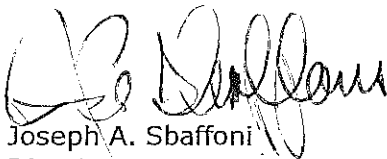
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Sincerely,

  
Joseph A. Scaffoni  
Director