



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF MINE SAFETY

726

March 29, 2011

Mr. Gene Davis
Rosebud Mining Company
301 Market Street
Kittanning, PA 16201

Re: Rohmac, Inc. request for an alternate diesel power package for the Rohmac Mine Rover, Model PC732 (BOTE-D 136-09) to utilize a Kubota V2403-M engine (49HP@2700 rpm) and a Rohmac, Inc. Exhaust Conditioning System Model DEC 1202, CleanAir Assure DOC Model CWD0700BCCN30 Oxidation Catalyst, CleanAir Permit Diesel Particulate Filter Model FPA108W4CN30.

Dear Mr. Davis:

This letter is in response to your March 23, 2011 request for temporary approval to utilize the Rohmac Mine Rover, Model PC732 prior to the April 13, 2011 TAC Meeting.

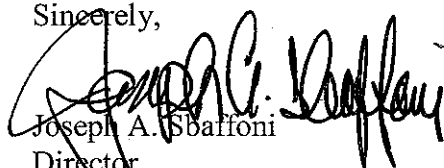
The Bureau of Mine Safety and the TAC Committee performed inspections and conducted tests on March 14, 2011 and on March 22, 2011 on the above referenced equipment. The TAC Committee issued a recommendation on March 24, 2011 for temporary approval of the above described diesel power package and the 100 hour test period. This recommendation is provided with the understanding that the General Specification Sheet (Attachment 1) be strictly adhered to. Due to the unique design of the exhaust gas cooling chamber, the TAC recommendation includes the following special stipulations:

- During operator pre-op checks (include in the pre-op checklist):
 1. Check to be sure the intake for the exhaust cooling chamber fan is not obstructed. Obstructions shall be cleared before operation.
 2. Turn the key to the run position to start the exhaust cooling chamber fan (not engine) and feel for airflow at the exhaust discharge to determine the fan is operating properly.

- During each 100 hour maintenance (include on the 100 hour maintenance checklist):
 1. Clean out the exhaust gas cooling chamber.
 2. Conduct a smoke dot test in the port provided on the exhaust system. If the result is over 3, repairs must be made to the exhaust emission control system before operation.

The Bureau of Mine Safety grants temporary approval for this equipment to be used prior to the regular scheduled TAC Meeting on April 13, 2011. The above TAC recommendations must be strictly adhered to at all times during the use of this equipment.

Sincerely,



Joseph A. Sbalfoni
Director
Bureau of Mine Safety

Enclosure

cc: Ron Bowersox
Paul Borchick

JAS:MTM:cd

bcc: Martin
McCaffrey
Bookshar
Antoon
Gaida
File

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General Specification Sheet

I. Engine

Manufacturer	Kubota	High Idle (RPM)	2700
Manufacturer Address	505 Schelter Road Lincolnshire, IL 60069	Particulate Index (PI)	4000
Engine Model No.	V2403-M-DI-E3	Gaseous Ventilation Rate (CFM)	3000
Engine Serial No.	AJ0660	Raw DPM (gr/hr)	6.54
HP/RPM	49 / 2700	MSHA Part 7 Approval No.	07-ENA080011
Low Idle (RPM)	950	Type of Aspiration	Natural
Max. Dirty Intake Air Restriction (H ² O)	20	Turbocharger Boost Pressure (psi)	N/A
Max. Allowed Backpressure H ² O	42	Fuel Delivery System	Direct Injection

II. Particulate Filter

Manufacturer	CleanAir Systems
Manufacturer Address	PO Box 23449, Santa Fe, NM 87502

Model Number	FPA108W4CN30
System Type	Ceramic
Efficiency Rating	89%

III. Catalyst

Manufacturer	CleanAir Systems
Manufacturer Address	PO Box 23449, Santa Fe, NM 87502
System Name	Assure DOC
Model Number	CWD0700BCCN30 ** 25% DPM reduction**

IV. Flame Arrestor

Manufacturer	Protectoseal
Manufacturer Address	225 W. Foster Avenue, Bensenville, IL 60106
System Name	End-of-Line Circular Plate Flame Arrestor
Model Number	674
MESG	0.025"

ATTACHMENT 1