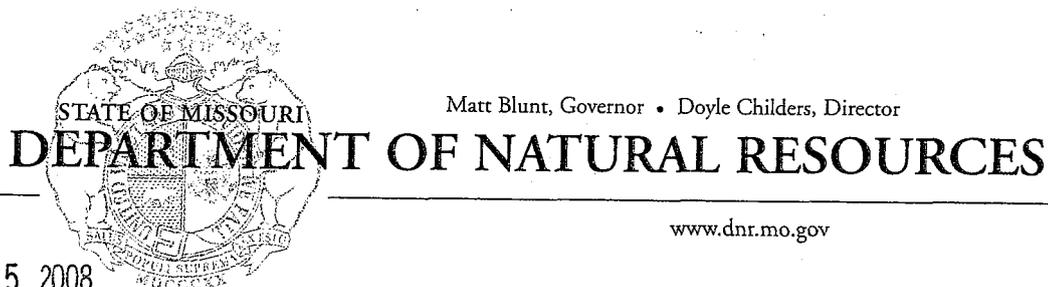


PERMIT BOOK



Matt Blunt, Governor • Doyle Childers, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

SEP - 5 2008

Mr. Don Hays
Plant Manager
Dyno Nobel Incorporated, LOMO Plant
11025 Highway D
P.O. Box 450
Louisiana, MO 63353

RE: New Source Review Temporary Permit Request – Project Number: 2008-08-032
Installation ID Number: 163-0031
Temporary Permit Number: **092008-002**
Expiration Date: November 1, 2008

Dear Mr. Hays:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request to install a generator at Dyno Nobel, Inc., located in Louisiana, Missouri.

The Air Pollution Control Program is hereby granting your request to conduct this temporary operation at this location in accordance with Missouri State Rule 10 CSR 10-6.060(3).

Dyno Nobel, Inc. is planning to install a temporary generator to supply power to the facility during a maintenance shutdown of the normal power utility, provided by Hercules, to last approximately one week. The generator will be 400 kilowatts in size and combust diesel fuel.

The emission factors used in this analysis were calculated based on the data obtained from the manufacturer's specifications provided by Dyno Nobel, Inc. Potential emissions are calculated at the maximum design rate operating at 8,760 hours annually, although Dyno Nobel, Inc. is expecting to operate the temporary generator for approximately six (6) days. Since all criteria air pollutant emissions from this project are below 100 tons per year, the Air Pollution Control Program is hereby granting your request for the temporary usage of the generator. However, in order to continue operating the generator past the expiration date, Dyno Nobel, Inc. will need to seek permission from the Air Pollution Control Program.

Table 1: Emissions based on 8,760 hours per year.

	PM ₁₀ *	Sulfur Oxides	Nitrogen Oxides	Carbon Monoxide	VOC*
Potential Emissions	0.4	0.0	30.6	1.6	0.5

*VOC = Volatile Organic Compound, PM₁₀ = Particulate matter less than 10 microns in diameter

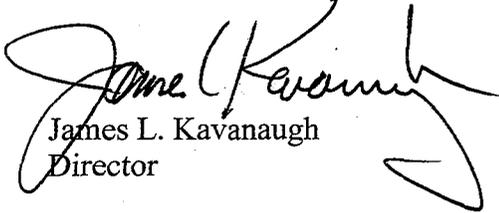
2008 11:27:11

Mr. Don Hays
Page Two

You are still obligated to meet all applicable air pollution control rules, Department of Natural Resources' rules, or any other applicable federal, state, or local agency regulations. Specifically, you should avoid violating 10 CSR 10-6.045, *Open Burning Restrictions*; 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*; 10 CSR 10-6.170, *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*; 10 CSR 10-3.090, *Restriction of Emission of Odors*; and 10 CSR 10-3.060, *Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating*.

A copy of this letter should be kept with the unit and be made available to Department of Natural Resources' personnel upon verbal request. If you have any questions regarding this determination, please do not hesitate to contact Susan Heckenkamp at the departments' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

AIR POLLUTION CONTROL PROGRAM



James L. Kavanaugh
Director

Attachment

JLK:shk

c: Mr. Steve Feeler, Compliance/Enforcement Section
Kansas City Regional Office
PAMS File: 2008-08-032

Mr. Don Hays
Plant Manager
Dyno Nobel Incorporated, LOMO Plant
11025 Highway D
P.O. Box 450
Louisiana, MO 63353

RE: New Source Review Temporary Permit Request – Project Number: 2008-08-032
Installation ID Number: 163-0031
Temporary Permit Number:
Expiration Date: November 1, 2008

Dear Mr. Hays:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request to install a generator at Dyno Nobel, Inc., located in Louisiana, Missouri. The Air Pollution Control Program is hereby granting your request to conduct this temporary operation at this location in accordance with Missouri State Rule 10 CSR 10-6.060(3).

Dyno Nobel, Inc. is planning to install a temporary generator to supply power to the facility during a maintenance shutdown of the normal power utility, provided by Hercules, to last approximately one week. The generator will be 400 kilowatts in size and combust diesel fuel.

The emission factors used in this analysis were calculated based on the data obtained from the manufacturer's specifications provided by Dyno Nobel, Inc. Potential emissions are calculated at the maximum design rate operating at 8,760 hours annually, although Dyno Nobel, Inc. is expecting to operate the temporary generator for approximately six (6) days. Since all criteria air pollutant emissions from this project are below 100 tons per year, the Air Pollution Control Program is hereby granting your request for the temporary usage of the generator. However, in order to continue operating the generator past the expiration date, Dyno Nobel, Inc. will need to seek permission from the Air Pollution Control Program.

Table 1: Emissions based on 8,760 hours per year.

	PM ₁₀ *	Sulfur Oxides	Nitrogen Oxides	Carbon Monoxide	VOC*
Potential Emissions	0.4	0.0	30.6	1.6	0.5

*VOC = Volatile Organic Compound, PM₁₀ = Particulate matter less than 10 microns in diameter

Mr. Don Hays
Page Two

You are still obligated to meet all applicable air pollution control rules, Department of Natural Resources' rules, or any other applicable federal, state, or local agency regulations. Specifically, you should avoid violating 10 CSR 10-6.045, *Open Burning Restrictions*; 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*; 10 CSR 10-6.170, *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*; 10 CSR 10-3.090, *Restriction of Emission of Odors*; and 10 CSR 10-3.060, *Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating*.

A copy of this letter should be kept with the unit and be made available to Department of Natural Resources' personnel upon verbal request. If you have any questions regarding this determination, please do not hesitate to contact Susan Heckenkamp at the departments' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

AIR POLLUTION CONTROL PROGRAM

James L. Kavanaugh
Director

Attachment

JLK:shk

c: Mr. Steve Feeler, Compliance/Enforcement Section
Kansas City Regional Office
PAMS File: 2008-08-032