Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

NM-EN

Stationary Internal Combustion Engines Fuel Use – Nonmetallic Mineral Processing General Permit

Air Quality Permit Program

1a) AQ Facility ID No.: _____ 1b) AQ File No: _____

2) Facility name: _____

3) Company name:

4) Facility/plant location: _____

County and nearest city/town: _____

Section, township, range: _____

Nearest crossroads to the plant: _____

Provide detailed directions from crossroads to plant or send plot map showing location: _____

_____

_____

5) Dates plant expected to operate at new location: from _____ to _____

6) Printed name of person recording calculation: _____

7) Date (must be done by 15th of following month): _____

Fuel type	**Amount burned in previous 12-month period at stationary source location ***	**Units**	**Multiplying factor**	**Subtotal**
Diesel Fuel		Gallons	x 3.09 ÷ 10,000	
Diesel Fuel with up to 20% Biodiesel		Gallons	x 2.83 ÷ 10,000	
Natural Gas		Cubic feet	x 1.70 ÷ 1,000,000	
Liquefied Petroleum Gas (LPG)/Propane		Gallons	x 6.95 ÷ 100,000	
Gasoline		Gallons	x 4.24 ÷ 1,000	
Calculation Total	(Sum subtotals)		Must be less than 90 *	

* If a stationary source has less than 12 months of operational data, the permittee shall determine compliance during the first 12 months under this general permit using the following formula:

N = [0.95 x (Annual Limit)] + [0.0045 x (Annual Limit) x (n-1)]

Where “n” is the number of months in operation, and “N” is the rolling sum limit for the current month.

At its option, the permittee may calculate and record individual monthly sums, in lieu of 12-month rolling sums, for a stationary source location such that the annual production limit divided by 12 is not exceeded. Also at its option, if only one fuel is used, the permittee may record and sum the quantity of fuel used directly, in which case the annual limits are as follows: 291,545 gallons for diesel fuel, 317,851 gallons for diesel fuel with up to 20 percent biodiesel, 53 million cubic feet for natural gas, 1.3 million gallons for propane, and 21,221 gallons for gasoline.