



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

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SEP 22 2016

Ms. Nicole Opela
EHS Coordinator
Pittsburgh Corning Corp
2700 W 16th Street
Sedalia, MO 65301

RE: New Source Review Temporary Permit Request - Project Number: 2016-07-050

Installation ID Number: 159-0009

Expiration Date: October 28, 2016

Temporary Permit Number: **092016-015**

Dear Ms. Nicole Opela:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request to test the maximum throughput of your Tank 7 project at Pittsburgh Corning Corporation (PCC) located in Sedalia, 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).

The PCC facility creates glass for the purpose of producing cullet that will be reformed into annealed glass. This is an energy intensive process which utilizes natural gas for melting glass. The primary criteria pollutant of concern is NO_x from that combustion process. In construction permit 082014-015, PCC Sedalia was given a limit of forty (40) tons per year of NO_x from their Tank 7 project and a 250 ton per year of NO_x facility wide limit. However, potential to emit for all criteria pollutants were based off of estimates for maximum hourly design rate of sand throughput. This temporary permit grants PCC 28 days (four weeks) to test different throughputs for sand and experiment with various operating conditions such that actual glass production (tons per hour) can be found. These days do not have to be consecutive but this permit will expire October 28, 2016. Facility wide potential to emit for all criteria pollutants is expected to be less than 100 tons during the trial period. PCC will need to submit a brief overview to the Air Pollution Program's enforcement section with results for this test to keep track of the facility's potential to emit. If PCC wants to permanently increase their maximum hourly design rate (MHDR) of their Tank 7 project, submitting an application to construct will be necessary.

Table 1: Emissions Summary

Pollutant	Regulatory <i>De Minimis</i> Levels	Potential Emissions of the Project (tpy)	Applicable Potential Emissions of the Project ¹
PM	25.00	5.16	0.43
PM10	15.00	3.22	0.27
PM2.5	10.00	2.45	0.20
SOx	40.00	27.40	2.28
NOx	40.00	83.70	6.98
VOC	40.00	1.51	0.13
CO	100.00	9.99	0.83
HAPs	25.00	0.22	0.02
Manganese	N/A	0.02	0.00
GHG (CO2e)	75,000/100,000	N/D	N/D
GHG (mass)	100.0/250.0	N/D	N/D

N/A = Not Applicable; N/D = Not Determined

¹Based upon a total four week operating period allowed within this temporary permit

Pittsburgh Corning Corp is 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 Requirements*, 10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-6.165 *Restriction of Emission of Odors*, 10 CSR 10-6.170 *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*, and 10 CSR 10-6.400 *Restriction of Emission of Particulate Matter From Industrial Processes*.

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 Hans Robinson at the departments' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 75 1-4817. Thank you for your time and attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Kyra L. Moore
Director

KLM:hrj

c: PAMS File: 2016-07-050
Kansas City Regional Office