



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
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Toll Free (800) 451-6027
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February 24, 2012

Ms. Natalie Grimmer
BP Products North America, Inc. - Whiting Business Unit
2815 Indianapolis Blvd., P.O. Box 710
Whiting, Indiana 46394-0710

Re: Approval for a Temporary Operation
EX No. 089-31377-00453

Dear Ms. Grimmer:

On January 18, 2012, BP Products North America, Inc. – Whiting Business Unit (BP) submitted a letter informing the Office of Air Quality (OAQ) of the intention to install and operate an exempt temporary operation related to a thermal dry-out of the hot flue gas duct system on the new WRMP 12PS vacuum furnace. The thermal dry-out equipment associated with temporary operation will include seven (7) 10 MMBtu/hr portable liquid propane gas-fired combustion burners with combustion air blowers and a pressurized liquid propane (LPG) storage tank.

Experimental Operation General Information

Purpose of the Temporary Operation:

The new WRMP 12PS vacuum furnace is staged in a Brownfield (non-operational) area. The thermal dry-out is necessary to arrest the continuation of alkali-hydrolysis deterioration in the installed lining of the duct system. The dimensions of the ducts and the internal configuration of the new WRMP PS12 vacuum furnace hinder safe inspections and repairs once the equipment is permanently sited. The equipment related to this operation will be rental equipment that will be on-site temporarily, and will be operated by Team Industrial Services, Inc.

Units: (a) Seven (7) LPG-fired 10 MMBtu/hr combustion burners
(b) A pressurized liquid propane (LPG) storage tank

Location of the Operation: 2815 Indianapolis Blvd, Whiting, Indiana

County: Lake

County Status: Attainment or unclassifiable for PM₁₀, PM_{2.5}, NO_x, SO₂, CO, Lead (Pb), and Ozone

Starting Date of the Operation: No sooner than January 20, 2012

Duration of the Operation: Less than 30 days of actual operation

Potential Emissions: VOC, NO_x, PM, PM₁₀, PM_{2.5}, CO, and SO₂.

Applicable Requirements

Pursuant to 326 IAC 2-1.1-3(h) (Exemption for Temporary Operation and Experimental Trial), the above mentioned temporary operation shall satisfy the following requirements:

1. The potential emissions from the operation are less than 25 tons per year for the duration of the operation. [326 IAC 2-1.1-3(h)(3)(A)]
2. The operation is not a major source or modification as defined under 326 IAC 2-2, or 326 IAC 2-7. [326 IAC 2-1.1-3(h)(3)(B)]
3. The purpose of the operation is to:
 - (a) collect data for experimental purposes, including, but not limited to, process improvements, new product development, and pollution prevention; or [326 IAC 2-1.1-3(h)(3)(C)(i)]
 - (b) temporarily conduct an operation not considered as part of the normal operation or production of the facility or source. [326 IAC 2-1.1-3(h)(3)(C)(ii)]
4. The duration of the temporary operation or experimental trial is less than 30 days of total operating time. [326 IAC 2-1.1-3(h)(3)(D)]
5. The Permittee shall submit a report containing the following information, at most seven (7) days after the conclusion of the temporary operation: [326 IAC 2-1.1-3(h)(3)(G)]
 - (a) The actual dates of the construction and operation.
 - (b) The duration of the operation.
 - (c) The actual emissions occurring during the operation.
6. The report shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

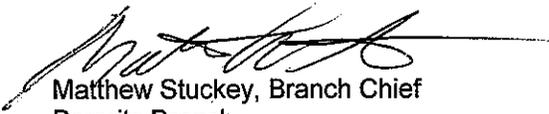
Expiration Date

This approval expires after 30 days of actual operating time of the temporary operation of the thermal dry-out equipment.

IDEM Contact

If you have any questions regarding this approval, please contact Jenny Acker of my staff at the Indiana Department Environmental Management, Office of Air Quality, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-9327 or toll free at 1-800-451-6027, extension 3-9327.

Sincerely,



Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Enclosure: Temporary Operation and Experimental Trial Report

cc: File – Lake County
Lake County Health Department
Northwest Regional Office
Air Compliance Inspector – Ramesh Tejuja

**Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, IN 46204-2251**

Temporary Operation and Experimental Trial Report

Source Name: BP Products North America, Inc. – Whiting Business Unit
Source Location: 2815 Indianapolis Blvd Whiting IN 46394
County Location: Lake
Experimental Operation: 089-31377-00453

Experimental Operation	
Type of unit/operation:	
Actual starting date of the construction:	
Actual ending date of the construction:	
Actual starting date of the operation:	
Actual ending date of the operation:	
Actual number of days of the operation:	
Calculated emissions during the duration of the operation:	
Additional Comments:	

I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

cc: Air Compliance Inspector – Ramesh Tejuja

Mail Code 61-53

IDEM Staff	MIDENNEY 2/24/2012 BP Products North America - Whiting Business Unit 089-31377-00453 (final)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	 Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

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2		Nick Spencer Whiting Bus Unit Leader BP Products North America - Whiting Business Unit PO Box 710 Whiting IN 46394 (RO CAATS)										
3		East Chicago City Council 4525 Indianapolis Blvd East Chicago IN 46312 (Local Official)										
4		Lake County Health Department-Gary 1145 W. 5th Ave Gary IN 46402-1795 (Health Department)										
5		Hammond City Council and Mayors Office 5925 Calumet Avenue Hammond IN 46320 (Local Official)										
6		Whiting City Council and Mayors Office 1143 119th St Whiting IN 46394 (Local Official)										
7		Lake County Commissioners 2293 N. Main St, Building A 3rd Floor Crown Point IN 46307 (Local Official)										
8		Laura Lodisio US EPA Region 5 (D-8J) 77 W. Jackson Blvd. Chicago IL 60604 (EPA)										
9		Gary City Council 401 Broadway # 209 Gary IN 46402 (Local Official)										
10		Susan Severtson City of Gary Law Dept. 401 Broadway 4th Floor Gary IN 46402 (Local Official)										
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