



State of Ohio Environmental Protection Agency

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Columbus, OH 43216-1049

10/2/2008

SHANE COCHRANE
PROCTER & GAMBLE MFG CO
PO BOX 1900
LIMA, OH 45802

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0302020260
Permit Number: P0086697
Permit Type: Renewal
County: Allen

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, The Lima News. A copy of the public notice and the draft permit are enclosed. This permit has been posted to the Division of Air Pollution Control Web page <http://www.epa.state.oh.us/dapc> in Microsoft Word and Adobe Acrobat format. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install and operate will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install and Operate is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461.

Sincerely,

Michael W. Ahern
Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Ohio EPA-NWDO; Indiana

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
PROCTER & GAMBLE MFG CO

Issue Date: 10/2/2008
Permit Number: P0086697
Permit Type: Renewal
Permit Description: FEPTIO Application
Facility ID: 0302020260
Facility Location: PROCTER & GAMBLE MFG CO
MUMAUGH & RESERVOIR RD,
LIMA, OH 45802
Facility Description: Soap and Other Detergent Manufacturing

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio has issued a draft action of an air pollution control, federally enforceable permit-to-install and operate (PTIO) for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Donald Waltermeyer at Ohio EPA DAPC, Northwest District Office, 347 North Dunbridge Road or (419)352-8461. The permit can be downloaded from the Web page: www.epa.state.oh.us/dapc



Permit Strategy Write-Up

**TABLE 2. FACILITY-WIDE* COMBUSTION EMISSIONS TOTALS
after operating limitation on natural gas heaters**

Facility	Emissions from all combustion units, tpy				
	Particulates	SO2	NOx	VOC	CO
Lima Plant including Distribution Center	5.6	1.3	91.2	4.0	68.5
Nelson Packaging Facilities PTE from combustion	0.55	0.04	7.27	0.40	6.10
Total for Title V PTE, tpy	6.2	1.4	98.5	4.4	74.6

*The P&G Lima "Facility", as defined in Ohio EPA Engineering Guide #58, consists of the following entities

P&G Lima Plant, 3875 Reservoir Rd, Lima	P&G liquid detergent and liquid fabric enhancer manufacturing plant
The P&G Distribution Center, 637 N Cool Rd, Lima	Warehouse used for product storage, connected to the P&G Lima Plant via a private road. It is currently under construction. (located 2 miles east of plant)
Nelson Packaging, 1801 Reservoir Rd, Lima	In process product is received from P&G Lima Plant. Product unloaded from tank trucks into storage tanks. Majority of the product is packaged directly; while for a small amount, perfumes and other product differentiation is added prior to packaging into containers. Packaged product is transported by trucks to a warehouse. (located 2 miles west of Lima Plant).
Nelson Packaging, 619 Turner Ave, Lima	A single building, 20,100 square feet, with prime purpose to recover packaged off spec product for reclaim at the P&G Lima plant. (located 3.7 miles SW of Lima Plant)



**State of Ohio Environmental Protection Agency
Division of Air Pollution Control**

DRAFT

**Air Pollution Permit-to-Install and Operate
for
PROCTER & GAMBLE MFG CO**

Facility ID: 0302020260
Permit Number: P0086697
Permit Type: Renewal
Issued: 10/2/2008
Effective: To be entered upon final issuance
Expiration: To be entered upon final issuance



Air Pollution Permit-to-Install and Operate

for
PROCTER & GAMBLE MFG CO

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State of Ohio Environmental Protection Agency
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Draft Permit-to-Install and Operate

Permit Number: P0086697

Facility ID: 0302020260

Effective Date: To be entered upon final issuance

Authorization

Facility ID: 0302020260
Application Number(s): A0017492
Permit Number: P0086697
Permit Description: FEPTIO Application
Permit Type: Renewal
Permit Fee: \$0.00 *DO NOT send payment at this time - subject to change before final issuance*
Issue Date: 10/2/2008
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

PROCTER & GAMBLE MFG CO
MUMAUGH & RESERVOIR RD
LIMA, OH 45802

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: P0086697

Facility ID: 0302020260

Effective Date: To be entered upon final issuance

Authorization (continued)

Permit Number: P0086697
Permit Description: FEPTIO Application

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	B100
Company Equipment ID:	Misc. NG Fired Equipment (Lima Plant)
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	B101
Company Equipment ID:	Misc NG Fired Equipment (Distribution Center)
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: P0086697

Facility ID: 0302020260

Effective Date: To be entered upon final issuance

A. Standard Terms and Conditions



1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is



very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northwest District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: P0086697

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Effective Date: To be entered upon final issuance

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: P0086697

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B. Facility-Wide Terms and Conditions



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: P0086697

Facility ID: 0302020260

Effective Date: To be entered upon final issuance

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: P0086697

Facility ID: 0302020260

Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. B100, Misc. NG Fired Equipment (Lima Plant)

Operations, Property and/or Equipment Description:

Incidental fuel burning Equipment

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	23.65 tons of nitrogen oxides (NOx) per rolling, 12-month period for emission units B100 and B101, combined [See b)(2)b.] 19.87 tons of carbon monoxide (CO) per rolling, 12-month period for emission units B100 and B101, combined [See b)(2)b.]
b.	OAC rule 3745-17-07(A)(1)	none [See b)(2)c.]
c.	OAC rule 3745-17-10(B)(1)	none [See b)(2)d.]
d.	OAC rule 3745-21-07(B)	See b)(2)e.
e.	OAC rule 3745-21-08(B)	See b)(2)e.
f.	40 CFR Part 60 Subpart Db	none [See b)(2)f.]

(2) Additional Terms and Conditions

a. This emissions unit is comprised of all the current miscellaneous natural gas-fired heaters located at the Proctor & Gamble "Lima Plant", located at 3875 Reservoir Road, Lima Ohio. This equipment has a total maximum heat input of 62.355 MMBTU/hr and consists of Combustor #s 3-12, 14-18, 20-22, 24-36, 38-42, 45-



49, the heaters for the phoenix project, construction services, storeroom, breakroom, and central lab, and four heaters for Spine logistics areas.

- b. This permit establishes the following federally enforceable emission limitations based on an fuel usage restriction [See c)(2)] for purposes of limiting potential to emit:
 - i. 22.65 tons of NOx per rolling, 12-month period; and
 - ii. 19.87 tons of CO per rolling, 12-month period.

The permittee has requested these federally enforceable limitations for the purpose of avoiding Title V applicability.

- c. This emissions unit is exempt from the visible particulate emissions (PE) limitation specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-10 is not applicable.
- d. This emissions unit is not subject to the requirements of OAC rule 3745-17-10 due to the fact that, on an individual basis, the pieces of fuel burning equipment which make up this emissions unit meet the "de minimis" exemption as specified in OAC rule 3745-15-05(B).
- e. The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the requirements established pursuant to OAC rule 3745-35-07(B).

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

- f. This emissions unit is not subject to the requirements of 40 CFR, Part 60, Subpart Db due to the fact that, on an individual basis, the pieces of fuel burning equipment which make up this emissions unit are below the thresholds, modification, or reconstruction occurred prior to June 19, 1984.

c) **Operational Restrictions**

- (1) The permittee shall only burn natural gas in the equipment that makes up this emissions unit.
- (2) The maximum annual fuel usage for emissions units B100 and B101, combined, shall not exceed 473.1 million cubic feet (mmcf) of natural gas, based upon a rolling, 12-month summation of the monthly fuel usage rates. This is an existing facility and, as such, natural gas usage records exist. The applicant shall use the existing records to determine compliance upon startup under this permit. Therefore, it is not necessary to



establish federally enforceable restrictions for the first 12 months of operation under the provisions of this permit.

d) Monitoring and/or Recordkeeping Requirements

- (1) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- (2) The permittee shall maintain monthly records of the following information for emissions units B100 and B101, combined:
 - a. the quantity of natural gas combusted, in mmcf;
 - b. the CO and NO_x emission rates*, in tons;
 - c. the rolling, 12-month natural gas usage rate, in mmcf; and
 - d. the rolling, 12-month CO and NO_x emission rates*, in tons.

*Calculated using AP-42 Section 1.4, Natural Gas Combustion [7/98]

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the following:
 - a. the rolling, 12-month natural gas usage rate, specified in section c)(2)
 - b. the rolling, 12-month CO emission limitation specified in section b)(1); and
 - c. the rolling, 12-month NO_x emission limitation specified in section b)(1).

These reports shall be submitted in accordance with the Standard Terms and Conditions of this permit.

- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

f) Testing Requirements

- (1) Compliance with the emission limitations in Section b)(1) of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitations: 23.65 tons of NO_x per rolling, 12-month period and 19.87 tons of CO per rolling, 12-month period

Applicable Compliance Method: Compliance with the above emission limitations shall be demonstrated through record keeping requirements in section d)(2).



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- b. Emission Limitation: The maximum annual fuel usage for emissions units B100 and B101, combined, shall not exceed 473.1 million cubic feet (mmcf) of natural gas, based upon a rolling, 12-month summation of the monthly fuel usage rates

Applicable Compliance Method: Compliance with the above emission limitations shall be demonstrated through record keeping requirements in section d)(2).

g) Miscellaneous Requirements

- (1) None.



2. B101, Misc NG Fired Equipment (Distribution Center)

Operations, Property and/or Equipment Description:

Miscellaneous natural gas fired heaters located at the "Distribution Center" with a total maximum heat input of 32.459 MMBTU/hr

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D)	23.65 tons of nitrogen oxides (NOx) per rolling, 12-month period for emission units B100 and B101, combined [See b)(2)b.] 19.87 tons of carbon monoxide (CO) per rolling, 12-month period for emission units B100 and B101, combined [See b)(2)b.]
b.	OAC rule 3745-17-07(A)(1)	none [See b)(2)c.]
c.	OAC rule 3745-17-10(B)(1)	none [See b)(2)d.]
d.	OAC rule 3745-21-07(B)	See b)(2)e.
e.	OAC rule 3745-21-08(B)	See b)(2)e.
f.	40 CFR Part 60 Subpart Db	none [See b)(2)f.]

(2) Additional Terms and Conditions

a. This emissions unit is comprised of all the current miscellaneous natural gas-fired heaters located at the Proctor & Gamble "Lima Plant", located at 3875 Reservoir Road, Lima Ohio. This equipment has a total maximum heat input of 62.355 MMBTU/hr and consists of Combustor #s 3-12, 14-18, 20-22, 24-36, 38-42, 45-



49, the heaters for the phoenix project, construction services, storeroom, breakroom, and central lab, and four heaters for Spine logistics areas.

- b. This permit establishes the following federally enforceable emission limitations based on an fuel usage restriction [See c)(2)] for purposes of limiting potential to emit:
 - i. 22.65 tons of NOx per rolling, 12-month period; and
 - ii. 19.87 tons of CO per rolling, 12-month period.

The permittee has requested these federally enforceable limitations for the purpose of avoiding Title V applicability.

- c. This emissions unit is exempt from the visible particulate emissions (PE) limitation specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-10 is not applicable.
- d. This emissions unit is not subject to the requirements of OAC rule 3745-17-10 due to the fact that, on an individual basis, the pieces of fuel burning equipment which make up this emissions unit meet the “de minimis” exemption as specified in OAC rule 3745-15-05(B).
- e. The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the requirements established pursuant to OAC rule 3745-35-07(B).

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

- f. This emissions unit is not subject to the requirements of 40 CFR, Part 60, Subpart Db due to the fact that, on an individual basis, the pieces of fuel burning equipment which make up this emissions unit are below the thresholds, modification, or reconstruction occurred prior to June 19, 1984.

c) Operational Restrictions

- (1) The permittee shall only burn natural gas in the equipment that makes up this emissions unit.
- (2) The maximum annual fuel usage for emissions units B100 and B101, combined, shall not exceed 473.1 million cubic feet (mmcf) of natural gas, based upon a rolling, 12-month summation of the monthly fuel usage rates. This is an existing facility and, as such, natural gas usage records exist. The applicant shall use the existing records to determine compliance upon startup under this permit. Therefore, it is not necessary to



establish federally enforceable restrictions for the first 12 months of operation under the provisions of this permit.

d) Monitoring and/or Recordkeeping Requirements

- (1) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- (2) The permittee shall maintain monthly records of the following information for emissions units B100 and B101, combined:
 - a. the quantity of natural gas combusted, in mmcf;
 - b. the CO and NOx emission rates*, in tons;
 - c. the rolling, 12-month natural gas usage rate, in mmcf; and
 - d. the rolling, 12-month CO and NOx emission rates*, in tons.

*Calculated using AP-42 Section 1.4, Natural Gas Combustion [7/98]

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the following:
 - a. the rolling, 12-month natural gas usage rate, specified in section c)(2)
 - b. the rolling, 12-month CO emission limitation specified in section b)(1); and
 - c. the rolling, 12-month NOx emission limitation specified in section b)(1).

These reports shall be submitted in accordance with the Standard Terms and Conditions of this permit.

- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

f) Testing Requirements

- (1) Compliance with the emission limitations in Section b)(1) of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitations: 23.65 tons of NOx per rolling, 12-month period and 19.87 tons of CO per rolling, 12-month period

Applicable Compliance Method: Compliance with the above emission limitations shall be demonstrated through record keeping requirements in section d)(2).



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: P0086697

Facility ID: 0302020260

Effective Date: To be entered upon final issuance

- b. Emission Limitation: The maximum annual fuel usage for emissions units B100 and B101, combined, shall not exceed 473.1 million cubic feet (mmcf) of natural gas, based upon a rolling, 12-month summation of the monthly fuel usage rates

Applicable Compliance Method: Compliance with the above emission limitations shall be demonstrated through record keeping requirements in section d)(2).

- g) Miscellaneous Requirements

None.