



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
50 West Town Street, Suite 700
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

RE: FINAL PERMIT TO INSTALL

SHELBY COUNTY

Application No: 05-14409

Fac ID: 0575000185

DATE: 4/17/2007

Playtex Products, Inc.
Kelli Schoen
1810 Progress Way
Sidney, OH 45365

CERTIFIED MAIL

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

SWDO



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install
Terms and Conditions

Issue Date: 4/17/2007
Effective Date: 4/17/2007

FINAL PERMIT TO INSTALL 05-14409

Application Number: 05-14409
Facility ID: 0575000185
Permit Fee: **\$1000**
Name of Facility: Playtex Products, Inc.
Person to Contact: Kelli Schoen
Address: 1810 Progress Way
Sidney, OH 45365

Location of proposed air contaminant source(s) [emissions unit(s)]:
1810 Progress Way
Sidney, Ohio

Description of proposed emissions unit(s):
Installation of two carding lines which include hammermills, dry formers, textile cards, binder saturators, dryer drums and gas fired air dryers.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) 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 above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Kralak

Chris Korleski
Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air

contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental

Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only) TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
NOx	2.7
SOx	0.02
VOC (OC)	3.94
PE	0.06
PM10	0.18
CO	2.28

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

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

Operations, Property, and/or Equipment - (P003) - Carding Line 1 with 3.2mm/BTU gas fired air dryer, clycone and fabric filter.

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>The particulate emissions from this process shall not 0.00015 lb /hr and 0.00066 tons /yr.</p> <p>The organic compound (OC) emissions from this process shall not 0.43 lb/hr and 1.9 tons/yr</p> <p>The emissions from natural gas combustion in this emissions unit shall not exceed the following:</p> <p>0.3 lb/hr and 1.31 tons/yr nitrogen oxides (NO_x); 0.26 lb/hr and 1.14 ton/yr carbon monoxide (CO); 0.006 lb/hr and 0.03 ton/yr filterable particulate emissions (PE); 0.018 lb/hr and 0.08 ton/yr PM₁₀; 0.002 lb/hr and 0.01 ton/yr sulfur dioxide (SO₂); and 0.017 lb/hr and 0.07 ton/yr VOC.</p> <p>Compliance with the requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)</p> <p>Visible particulate emissions shall not exceed 10 percent opacity as a 6-minute average from the stack, except as provided by rule.</p>
OAC rule 3745-17-11(B)(1)	The visible PE limitation specified by this rule is less stringent than the visible PE limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-21-07(G)(2)	The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The PE and OC emission limitations were established to reflect the maximum potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and reporting requirements to ensure compliance with these limitations.

B. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.
2. This emission unit shall be equipped with a filter system that reduces the overall particulate emissions from the production operations and the filter system shall be maintained in accordance within design specification and good engineering practices.

C. 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 pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while this emissions unit is in operation. The permittee shall properly operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit is in operation. The monitoring equipment shall be calibrated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse once each operating day.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that identify the all periods of time in which this emissions unit was in operation and the pressure drop across the baghouse(s) was not maintained within the range of 1 to 15 inches of water.

Playtex Products, Inc.

PTI Application: 05-14409

Issued: 4/17/2007

Facility ID: 0575000185

Emissions Unit ID: P003

E. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of the terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

0.00015 lb PE/hr

0.00066 tons PE/yr

Applicable Compliance Method:

The hourly allowable emission limitation was established as follows:

$$\text{HER} = \text{MPE} \times \text{CCE} \times \text{BCE}$$

Where:

HER = Hourly Emission Rate, in lbs/hr;

MPE = Maximum uncontrolled particulate emissions, in lbs/hr (7.5 lbs/hr, Facility's best estimate);

CCE = Cyclone Control Efficiency (98% per manufacturer); and

BCE = Baghouse Control Efficiency (99.9% per manufacturer)

As long as compliance with the hourly emission limitation is maintained, compliance with the annual emission limitation shall be assumed (the annual emission limitation was determined by multiplying the hourly emission limitation by 8760 hours/year, and then dividing by 2000 lbs/ton).

b. Emission Limitations:

0.43 lb VOC/hr

1.9 tons VOC/yr

Applicable Compliance Method:

The hourly allowable emission limitation was established as follows:

$$\text{HER} = \text{MPU} \times \text{OCC} \times \text{MHO}$$

Where:

HER = Hourly Emission Rate, in lbs/hr;

MPU = Maximum binder product usage (7,872 lbs/day);

OCC = VOC content of binder (0.132%); and

MHO = Maximum hours of operation (24 hrs/day).

As long as compliance with the hourly emission limitation is maintained, compliance with the annual emission limitation shall be assumed (the annual emission limitation was determined by multiplying the hourly emission limitation by 8760 hours/year, and then dividing by 2000 lbs/ton).

c. Emission Limitations:

0.3 lb/hr and 1.31 tons/yr nitrogen oxides (NO_x);
0.26 lb/hr and 1.14 ton/yr carbon monoxide (CO);
0.006 lb/hr and 0.03 ton/yr filterable particulate emissions (PE);
0.018 lb/hr and 0.08 ton/yr PM₁₀;
0.002 lb/hr and 0.01 ton/yr sulfur dioxide (SO₂); and
0.017 lb/hr and 0.07 ton/yr VOC.

Applicable Compliance Method:

The permittee may demonstrate compliance with the hourly allowable emission limitations above by multiplying the maximum hourly natural gas consumption rate by the appropriate emission factor from USEPA's AP-42 and allowable particulate emission rate of OAC rule 3745-17-09(B), for incineration of refuse.

If required, the permittee shall demonstrate compliance with the hourly allowable emission limitations above based on the results of emission testing conducted in accordance with the following Methods:

- i. for NO_x, Methods 1 - 4 and 7 of 40 CFR Part 60, Appendix A;
- ii. for CO, Methods 1 - 4 and 10 of 40 CFR Part 60, Appendix A;
- iii. for PE, Methods 1 - 5 of 40 CFR Part 60, Appendix A;
- iv. for PM₁₀, Methods 201 and 202 of 40 CFR Part 60, Appendix A;
- v. for SO₂, Methods 1 - 4 and 6 of 40 CFR Part 60, Appendix A; and
- vi. for VOC, Methods 18, 25, or 25A, as appropriate, of 40 CFR Part 60, Appendix A.

Compliance with the annual allowable emission limitations above shall be ensured as long as compliance with the hourly allowable emission limitations is maintained (the annual allowable limitations were determined by multiplying the hourly allowable limitations by 8760, and then dividing by 2000).

d. Emission Limitation: Visible PE shall not exceed 10% opacity, as a 6-minute average, from any stack.

Applicable Compliance Method: If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

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Playtex Products, Inc.

PTI Application: 05-14409

Issued: 4/17/2007

Facility ID: 0575000185

Emissions Unit ID: P003

Playtex Products, Inc.

PTI Application: 05-14409

Issued: 4/17/2007

Facility ID: 0575000185

Emissions Unit ID: P004

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

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

Operations, Property, and/or Equipment - (P004) - Carding Line 2 with 3.2 mm/BTU gas fired air dryer, cyclone and fabric filter.

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>The particulate emissions from this process shall not 0.00015 lb /hr and 0.00066 tons /yr.</p> <p>The organic compound (OC) emissions from this process shall not 0.43 lb/hr and 1.9 tons/yr</p> <p>The emissions from natural gas and refuse combustion in this emissions unit shall not exceed the following:</p> <p>0.3 lb/hr and 1.31 tons/yr nitrogen oxides (NO_x); 0.26 lb/hr and 1.14 ton/yr carbon monoxide (CO); 0.006 lb/hr and 0.03 ton/yr filterable particulate emissions (PE); 0.018 lb/hr and 0.08 ton/yr PM₁₀; 0.002 lb/hr and 0.01 ton/yr sulfur dioxide (SO₂); and 0.017 lb/hr and 0.07 ton/yr VOC.</p> <p>Compliance with the requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)</p> <p>Visible particulate emissions shall not exceed 10 percent opacity as a 6-minute average from the stack, except as provided by rule.</p>
OAC rule 3745-17-11(B)(1)	The visible PE limitation specified by this rule is less stringent than the visible PE limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-21-07(G)(2)	The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The PE and OC emission limitations were established to reflect the maximum potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping and reporting requirements to ensure compliance with these limitations.

B. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.
2. This emission unit shall be equipped with a filter system that reduces the overall particulate emissions from the production operations and the filter system shall be maintained in accordance within design specification and good engineering practices.

C. 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 pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while this emissions unit is in operation. The permittee shall properly operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit is in operation. The monitoring equipment shall be calibrated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse once each operating day.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that identify the all periods of time in which this emissions unit was in operation and the pressure drop across the baghouse(s) was not maintained within the range of 1 to 15 inches of water.

Playtex Products, Inc.

PTI Application: 05-14409

Issued: 4/17/2007

Facility ID: 0575000185

Emissions Unit ID: P004

E. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of the terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

0.00015 lb PE/hr

0.00066 tons PE/yr

Applicable Compliance Method:

The hourly allowable emission limitation was established as follows:

$$\text{HER} = \text{MPE} \times \text{CCE} \times \text{BCE}$$

Where:

HER = Hourly Emission Rate, in lbs/hr;

MPE = Maximum uncontrolled particulate emissions, in lbs/hr (7.5 lbs/hr, Facility's best estimate);

CCE = Cyclone Control Efficiency (98% per manufacturer); and

BCE = Baghouse Control Efficiency (99.9% per manufacturer)

As long as compliance with the hourly emission limitation is maintained, compliance with the annual emission limitation shall be assumed (the annual emission limitation was determined by multiplying the hourly emission limitation by 8760 hours/year, and then dividing by 2000 lbs/ton).

b. Emission Limitations:

0.43 lb VOC/hr

1.9 tons VOC/yr

Applicable Compliance Method:

The hourly allowable emission limitation was established as follows:

$$\text{HER} = \text{MPU} \times \text{OCC} \times \text{MHO}$$

Where:

HER = Hourly Emission Rate, in lbs/hr;

MPU = Maximum binder product usage (7,872 lbs/day);

OCC = VOC content of binder (0.132%); and

MHO = Maximum hours of operation (24 hrs/day).

As long as compliance with the hourly emission limitation is maintained, compliance with the annual emission limitation shall be assumed (the annual emission limitation was determined by multiplying the hourly emission limitation by 8760 hours/year, and then dividing by 2000 lbs/ton).

c. Emission Limitations:

0.3 lb/hr and 1.31 tons/yr nitrogen oxides (NO_x);
0.26 lb/hr and 1.14 ton/yr carbon monoxide (CO);
0.006 lb/hr and 0.03 ton/yr filterable particulate emissions (PE);
0.018 lb/hr and 0.08 ton/yr PM₁₀;
0.002 lb/hr and 0.01 ton/yr sulfur dioxide (SO₂); and
0.017 lb/hr and 0.07 ton/yr VOC.

Applicable Compliance Method:

The permittee may demonstrate compliance with the hourly allowable emission limitations above by multiplying the maximum hourly natural gas consumption rate by the appropriate emission factor from USEPA's AP-42 and allowable particulate emission rate of OAC rule 3745-17-09(B), for incineration of refuse.

If required, the permittee shall demonstrate compliance with the hourly allowable emission limitations above based on the results of emission testing conducted in accordance with the following Methods:

- i. for NO_x, Methods 1 - 4 and 7 of 40 CFR Part 60, Appendix A;
- ii. for CO, Methods 1 - 4 and 10 of 40 CFR Part 60, Appendix A;
- iii. for PE, Methods 1 - 5 of 40 CFR Part 60, Appendix A;
- iv. for PM₁₀, Methods 201 and 202 of 40 CFR Part 60, Appendix A;
- v. for SO₂, Methods 1 - 4 and 6 of 40 CFR Part 60, Appendix A; and
- vi. for VOC, Methods 18, 25, or 25A, as appropriate, of 40 CFR Part 60, Appendix A.

Compliance with the annual allowable emission limitations above shall be ensured as long as compliance with the hourly allowable emission limitations is maintained (the annual allowable limitations were determined by multiplying the hourly allowable limitations by 8760, and then dividing by 2000).

d. Emission Limitation: Visible PE shall not exceed 10% opacity, as a 6-minute average, from any stack.

Applicable Compliance Method: If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

Playtex Products, Inc.

PTI Application: 05-14409

Issued: 4/17/2007

Facility ID: 0575000185

Emissions Unit ID: P004

F. Miscellaneous Requirements

None

SIC CODE 2297 SCC CODE 33000105 EMISSIONS UNIT ID P003

EMISSIONS UNIT DESCRIPTION Carding Line 1 with 3.2mm/BTU gas fired air dryer, cyclone and fabric filter.

DATE INSTALLED 2/1998

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment	0.0251 lb/hr	0.111	0.0251 lb/hr	0.111
PM ₁₀					
Sulfur Dioxide	attainment	0.002 lb/hr	0.01	0.002 lb/hr	0.01
Organic Compounds	attainment	0.446 lb/hr	1.97	0.446 lb/hr	1.97
Nitrogen Oxides	attainment	0.3 lb/hr	1.35	0.3 lb/hr	1.35
Carbon Monoxide	attainment	0.26 lb/hr	1.14	0.26 lb/hr	1.14
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? No NESHAP? No PSD? No OFFSET POLICY? No

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination The use of natural gas only in the dryers as well as cyclone and fabric filtration.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ _____

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____

Playtex Products, Inc.
PTI Application: 05-14409
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Facility ID: 0575000185

SIC CODE 2297 SCC CODE 33000105 EMISSIONS UNIT ID P004

EMISSIONS UNIT DESCRIPTION Carding Line 2 with 3.2 mm/BTU gas fired air dryer, cyclone and fabric filter.

DATE INSTALLED _____

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	attainment	0.0251 lb/hr	0.111	0.0251 lb/hr	0.111
PM ₁₀					
Sulfur Dioxide	attainment	0.002 lb/hr	0.01	0.002 lb/hr	0.01
Organic Compounds	attainment	0.446 lb/hr	1.97	0.446 lb/hr	1.97
Nitrogen Oxides	attainment	0.3 lb/hr	1.35	0.3 lb/hr	1.35
Carbon Monoxide	attainment	0.26 lb/hr	1.14	0.26 lb/hr	1.14
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? No NESHAP? No PSD? No OFFSET POLICY? No

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination The use of natural gas only in the dryers as well as cyclone and fabric filtration.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ _____

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____