



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

6/19/2013

Certified Mail

Paul Marlow
GOODYEAR TIRE & RUBBER CO - PLANT 5
1144 E Market Street
Dept. 110F
Akron, OH 44316

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 1677010196
Permit Number: P0113437
Permit Type: Administrative Modification
County: Summit

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO) 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 public comments on the permit. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and the local newspaper, Akron Beacon Journal. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab. 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 Akron Regional Air Quality Management District
146 South High Street, Room 904
Akron, OH 44308

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 if a public hearing is scheduled. A decision on issuing a final permit-to-install 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 is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Akron Regional Air Quality Management District at (330)375-2480.

Sincerely,

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

Cc: U.S. EPA Region 5 Via E-Mail Notification
ARAQMD; Pennsylvania; West Virginia; Canada



Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

2. Source Description: Goodyear Tire & Rubber Company, Plant 5 is a pilot-scale facility for solution polymer research and development. Solution polymers are produced by mixing petroleum-based monomers (e.g., butadiene, isoprene, and styrene) in a carrier solvent (e.g., hexane) to form a solution called premix. The premix solution is then fed to drying beds and then to a batch reactor and/or continuous reactor chain, along with various other additives, including inhibitors, catalysts, modifiers and short stops, at specified temperatures and pressures, to form polymers. Emissions units included are an isoprene still (P011), premix/reactor feed area (P012), polymerization reactors (P013), finishing unit (P014), scrap cement storage tank (T017), cement storage tanks (T022), along with various permit exempt sources.

3. Facility Emissions and Attainment Status: The facility's potential to emit for individual and total combined HAPs is over Title V thresholds, and its potential to emit for OC is under the Title V threshold. This modification will limit individual HAP and total combined HAPs emissions to under Title V thresholds with federally enforceable restrictions on the operating hours of emissions units P012 through P014. Emissions units T017 and T022 are permitted at their potential to emit.

Summit County is in attainment for all criteria air pollutants, except for ozone and particulate matter with an aerodynamic diameter of 2.5 microns or less (PM_{2.5}).

4. Source Emissions: Goodyear has agreed to restrict their facility-wide emissions to 9.9 tons/yr of any individual HAP based upon a rolling 12-month summation of monthly emissions and 24.9 tons/yr of any combination of HAPs based upon a rolling 12-month summation of monthly emissions.

5. Conclusion: This synthetic minor permit has federally enforceable limitations, record keeping and reporting requirements to ensure that actual emissions do not exceed major source thresholds for Title V applicability.

6. Please provide additional notes or comments as necessary: None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

<u>Pollutant</u>	<u>Tons Per Year</u>
Individual HAP	9.9
Combined HAPs	24.9
OC	10.5

PUBLIC NOTICE
6/19/2013 Issuance of Draft Air Pollution Permit-To-Install and Operate

GOODYEAR TIRE & RUBBER CO - PLANT 5
1452 E ARCHWOOD AVENUE,
Akron, OH 44306
Summit County

FACILITY DESC.: All Other Miscellaneous Chemical Product and Preparation Manufacturing

PERMIT #: P0113437

PERMIT TYPE: Administrative Modification

PERMIT DESC: Administrative Modification to update potential fugitive emissions, incorporate by reference exempt equipment, combine existing storage tanks into one emissions unit and document synthetic minor status for HAPs.

The Director of the Ohio Environmental Protection Agency issued the draft permit above. The permit and complete instructions for requesting information or submitting comments may be obtained at: <http://epa.ohio.gov/dapc/permitonline.aspx> by entering the permit # or: Sean Vadas, Akron Regional Air Quality Management District, 146 South High Street, Room 904, Akron, OH 44308. Ph: (330)375-2480



DRAFT

**Division of Air Pollution Control
Permit-to-Install and Operate
for
GOODYEAR TIRE & RUBBER CO - PLANT 5**

Facility ID:	1677010196
Permit Number:	P0113437
Permit Type:	Administrative Modification
Issued:	6/19/2013
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance



Division of Air Pollution Control
Permit-to-Install and Operate
for
GOODYEAR TIRE & RUBBER CO - PLANT 5

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Draft Permit-to-Install and Operate
GOODYEAR TIRE & RUBBER CO - PLANT 5
Permit Number: P0113437
Facility ID: 1677010196
Effective Date: To be entered upon final issuance

Authorization

Facility ID: 1677010196
Application Number(s): A0046798, A0047766
Permit Number: P0113437
Permit Description: Administrative Modification to update potential fugitive emissions, incorporate by reference exempt equipment, combine existing storage tanks into one emissions unit and document synthetic minor status for HAPs.
Permit Type: Administrative Modification
Permit Fee: \$950.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 6/19/2013
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:

GOODYEAR TIRE & RUBBER CO - PLANT 5
1452 E ARCHWOOD AVENUE
Akron, OH 44306

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

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Akron Regional Air Quality Management District
146 South High Street, Room 904
Akron, OH 44308
(330)375-2480

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

Scott J. Nally
Director



Authorization (continued)

Permit Number: P0113437
 Permit Description: Administrative Modification to update potential fugitive emissions, incorporate by reference exempt equipment, combine existing storage tanks into one emissions unit and document synthetic minor status for HAPs.

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

- | | |
|-----------------------------------|---------------------------------|
| Emissions Unit ID: | P014 |
| Company Equipment ID: | SPP: Finishing Unit |
| Superseded Permit Number: | P0107335 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T017 |
| Company Equipment ID: | SPP: T-4000 Cement Storage Tank |
| Superseded Permit Number: | P0107335 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T022 |
| Company Equipment ID: | TTANKS Cement Storage Tanks |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |

Group Name: Process Group

Emissions Unit ID:	P011
Company Equipment ID:	SPP: Isoprene Still Unit
Superseded Permit Number:	P0107335
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P012
Company Equipment ID:	SPP: Premix & Reactor Feed Prep Area
Superseded Permit Number:	P0107335
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P013
Company Equipment ID:	SPP: Polymerization Reactors
Superseded Permit Number:	P0107335
General Permit Category and Type:	Not Applicable



Draft Permit-to-Install and Operate
GOODYEAR TIRE & RUBBER CO - PLANT 5
Permit Number: P0113437
Facility ID: 1677010196
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. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. 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 Akron Regional Air Quality Management District 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 submitting¹ 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 emissions 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.

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).



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.

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.



Draft Permit-to-Install and Operate
GOODYEAR TIRE & RUBBER CO - PLANT 5
Permit Number: P0113437
Facility ID: 1677010196
Effective Date: To be entered upon final issuance

B. Facility-Wide Terms and Conditions



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) 2, 3, 4, and 5.
2. The actual emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act from all emissions units at this facility, including the permit exempt emissions units listed in the table below, shall not exceed 9.9 tons per year for any single HAP and 24.9 tons per year for any combination of HAPs. Compliance with the above limitations shall be based on rolling, 12-month summations.

<u>Equipment ID</u>	<u>Description</u>
P072 / VACOVN1	Vacuum Oven for Finishing Area Samples
Batch Reactor	60 Gal Batch Reactor
LABS	Bench Scale Labs
Tanks (<19,815 gal)	Various Day Tanks
AO/SS Tanks	Inorganic Storage

The permittee has existing records to demonstrate compliance with the emission limitations above upon permit issuance.

3. The permittee shall record the following information each month on a facility-wide basis, for all emissions units at the facility:
 - a) the single HAP emission rate and combined HAP emission rate for each month of operations, in tons;
 - b) the rolling, 12-month summations of the single HAP emissions, in tons, and the combined HAP emissions, in tons;
4. The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a) all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - (1) all exceedances of the rolling, 12-month emission limitation for each individual HAP; and
 - (2) all exceedances of the rolling, 12-month emission limitation for total combined HAPs.



- b) the probable cause of each deviation (excursion);
- c) any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
- d) the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

5. Compliance with the emission limitations in B.2. above shall be determined in accordance with the following methods:

- a) Emission Limitations:

Facility-wide individual HAP emissions shall not exceed 9.9 tons per rolling, 12-month period.

Facility-wide total combined HAP emissions shall not exceed 24.9 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the HAPs emission limitations above shall be demonstrated based on the record keeping requirements specified in B.3.

[The HAP emission limitations were established based on the emissions unit's potentials to emit which were determined by using the mass balance approach and operational assumptions as noted in the Attachment 5 documents, by RJ DiMascio, included in permit application number A0046798.]



Draft Permit-to-Install and Operate
GOODYEAR TIRE & RUBBER CO - PLANT 5
Permit Number: P0113437
Facility ID: 1677010196
Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. P014, SPP: Finishing Unit

Operations, Property and/or Equipment Description:

Solution Pilot Plant/Finishing Unit

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. d)(2) through d)(5) and e)(3).

(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 operation(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 are identified below. 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(A)(3)	Organic compound (OC) emissions shall not exceed 13.05 pounds per hour and 2.13 tons per year. See c)(2) below.
b.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Title V	See B.2. through B.5. See c)(1) below.
c.	ORC 3704.03(F) OAC rule 3745-114-01	See d)(2) through d)(5) and e)(3).

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) The maximum annual operating hours for this emissions unit shall not exceed 1,800, based upon a rolling, 12-month summation of the operating hours.



- (2) The permittee shall not employ any photo-chemically reactive material, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the following information:
 - a. the operating hours for each month; and
 - b. the rolling, 12-month summation of the operating hours.
- (2) If the permittee uses in this emissions unit photo-chemically reactive materials (PRMs), as defined by OAC rule 3745-21-01(C)(5), the following information shall be recorded:
 - a. the date(s) and identification of the PRMs used in this emissions unit;
 - b. the total OC emissions, in pounds, from the emissions unit for each date PRMs are used, excluding OC emissions from non-photochemically reactive cleanup materials;
 - c. the total actual hours of operation for the emissions unit for each date PRMs are used; and
 - d. the average hourly total OC emissions, in pounds/hour, from the emissions unit for each date PRMs are used, excluding OC emissions from non-photochemically reactive cleanup materials, i.e., $d. = b./c.$
- (3) The permit-to-install (PTI) application, #16-02188, for this emissions unit, P014, was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee. The "Toxic Air Contaminant Statute", ORC 3704.03(F), was applied to this/these emissions unit for each toxic air contaminant listed in OAC rule 3745-114-01, using data from the permit application; and modeling was performed for each toxic air contaminant(s) emitted at over one ton per year using an air dispersion model such as SCREEN3, AERMOD, or ISCST3, or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the approved air dispersion model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as described in the Ohio EPA guidance document entitled "Review of New Sources of Air Toxic Emissions, Option A", as follows:
 - a. the exposure limit, expressed as a time-weighted average concentration for a conventional 8-hour workday and a 40-hour workweek, for each toxic compound(s) emitted from the emissions unit, (as determined from the raw materials processed and/or coatings or other materials applied) has been documented from one of the following sources and in the following order of preference (TLV was and shall be used, if the chemical is listed):
 - i. threshold limit value (TLV) from the American Conference of Governmental Industrial Hygienists (ACGIH) "Threshold Limit Values for



Chemical Substances and Physical Agents Biological Exposure Indices”;
or

- ii. STEL (short term exposure limit) or the ceiling value from the American Conference of Governmental Industrial Hygienists (ACGIH) “Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices”; the STEL or ceiling value is multiplied by 0.737 to convert the 15-minute exposure limit to an equivalent 8-hour TLV.
- b. The TLV is divided by ten to adjust the standard from the working population to the general public (TLV/10).
- c. This standard is/was then adjusted to account for the duration of the exposure or the operating hours of the emissions unit, i.e., “24” hours per day and “7” days per week, from that of 8 hours per day and 5 days per week. The resulting calculation was (and shall be) used to determine the Maximum Acceptable Ground-Level Concentration (MAGLC):

$$TLV/10 \times 8/X \times 5/Y = 4 TLV/XY = MAGLC$$

- d. The following summarizes the results of dispersion modeling for the significant toxic contaminants (emitted at 1 or more tons/year) or “worst case” toxic contaminant(s):

Toxic Contaminant: n-hexane (CAS 110-54-3)

TLV (mg/m3): 176

Maximum Hourly Emission Rate (lbs/hr): 12.9

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 576.6

MAGLC (ug/m3): 4190

The permittee, has demonstrated that emissions of n-hexane, from emissions unit P014, is calculated to be less than eighty per cent of the maximum acceptable ground level concentration (MAGLC); any new raw material or processing agent shall not be applied without evaluating each component toxic air contaminant in accordance with the “Toxic Air Contaminant Statute”, ORC 3704.03(F).

- (4) Prior to making any physical changes to or changes in the method of operation of the emissions unit, that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration, the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, the following:
 - a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled;



- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Toxic Air Contaminant Statute" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to a non-restrictive change to a parameter or process operation, where compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), has been documented. If the change(s) meet(s) the definition of a "modification", the permittee shall apply for and obtain a final federally enforceable permit-to-install and operator (FEPTIO) prior to the change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and he/she may require the permittee to submit a permit application for the increased emissions.

- (5) The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F):
 - a. a description of the parameters/values used in each compliance demonstration and the parameters or values changed for any re-evaluation of the toxic(s) modeled (the composition of materials, new toxic contaminants emitted, change in stack/exhaust parameters, etc.);
 - b. the Maximum Acceptable Ground-Level Concentration (MAGLC) for each significant toxic contaminant or worst-case contaminant, calculated in accordance with the "Toxic Air Contaminant Statute", ORC 3704.03(F);
 - c. a copy of the computer model run(s), that established the predicted 1-hour maximum ground-level concentration that demonstrated the emissions unit to be in compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), initially and for each change that requires re-evaluation of the toxic air contaminant emissions; and
 - d. the documentation of the initial evaluation of compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), and documentation of any determination that was conducted to re-evaluate compliance due to a change made to the emissions unit or the materials applied.
- (6) The permittee shall maintain a record of any change made to a parameter or value used in the dispersion model, used to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration. The record shall include the date and reason(s) for the change and if the change would increase the ground-level concentration.



e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. all exceedances of the rolling, 12-month limitation on the hours of operation for this emissions unit;
 - b. the probable cause of each deviation (excursion);
 - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
 - d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (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.
- (3) The permittee shall include any changes made to a parameter or value used in the dispersion model, that was used to demonstrate compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration, in the annual Permit Evaluation Report (PER). If no changes to the emissions, emissions unit, or the exhaust stack have been made, then the report shall include a statement to this effect.

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:

OC emissions shall not exceed 13.05 pounds per hour and 2.13 tons per year.



Draft Permit-to-Install and Operate
GOODYEAR TIRE & RUBBER CO - PLANT 5
Permit Number: P0113437
Facility ID: 1677010196
Effective Date: To be entered upon final issuance

Applicable Compliance Method:

Compliance with the OC emission limitations shall be based upon potential to emit emission estimates using the mass balance approach and operational assumptions as noted in the document "SPP Finishing" by RJ DiMascio (12/12/01), as updated December 2012.

If required, the permittee shall demonstrate compliance with the hourly allowable OC emission limitation through the results of emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 18,25 or 25A, as appropriate.

- g) Miscellaneous Requirements
 - (1) None.



2. T017, SPP: T-4000 Scrap Cement Storage Tank

Operations, Property and/or Equipment Description:

T-4000 Scrap Cement Storage Tank and Truck Loading.

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 operation(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 are identified below. 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(A)(3)	Organic compound (OC) emissions shall not exceed 1.12 tons per year. The tank shall be equipped with a submerged fill pipe that meets the requirements specified in OAC rule 3745-21-01(C)(6).
b.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Title V	See B.2. through B.5.

(2) Additional Terms and Conditions

a. The emission limitation for OC was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.

c) Operational Restrictions

(1) None.



d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall keep readily accessible records, for the life of the emissions unit, listing the dimensions, capacity, and chemical description of the stored contents of the storage vessel.

e) Reporting Requirements

- (1) 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 Limitation:

OC emissions shall not exceed 1.12 tons per year.

Applicable Compliance Method:

Compliance with the annual allowable OC emission limitation shall be based upon potential to emit emission estimates using the mass balance approach and operational assumptions as noted in the documents "SPP T-4000 System PTE" by RJ DiMascio (09/17/01), as updated December 2012.

g) Miscellaneous Requirements

- (1) None.



3. T022, TTANKS Cement Storage Tanks

Operations, Property and/or Equipment Description:

Cement storage tanks: T-1040, T-1003, T-3404, T-3405, T-3406 Cement Storage and Blending and Reactors 1503 and 1504 Operating as Storage Tank.

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 operation(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 are identified below. 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(A)(3)	Organic compound (OC) emissions shall not exceed 1.90 tons per year. The emissions units shall not store any photo-chemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), except for Tank T-1040 which shall be equipped with a submerged fill pipe as defined in OAC rule 3745-21-01(C)(6).
b.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Title V	See B.2. through B.5.



- (2) Additional Terms and Conditions
 - a. The emission limitation for OC was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limitation.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall keep readily accessible records, for the life of the emissions unit, listing the dimensions, capacity, and chemical description of the stored contents of the storage vessel.
 - (2) The permittee shall keep monthly records for this emission of the following:
 - a. the type and identification of each material stored; and
 - b. whether each material stored is considered a photocemically reactive material pursuant to OAC 3745-21-01(C)(5).
- e) Reporting Requirements
 - (1) 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 Limitation:
OC emissions shall not exceed 1.90 tons per year.

Applicable Compliance Method:
Compliance with the annual allowable OC emission limitation above shall be based upon potential to emit emission estimates using the mass balance approach and operational assumptions as noted in the documents "SPP Cement Tanks PTE" by RJ DiMascio (09/20/01), as updated December 2012.
- g) Miscellaneous Requirements
 - (1) None.



4. Emissions Unit Group - Process Group: P011, P012, P013

EU ID	Operations, Property and/or Equipment Description
P011	Solution Pilot Plant/Isoprene Still Unit
P012	Solution Pilot Plant/Premix and Reactor Feed Preparation Area
P013	Solution Pilot Plant/Polymerization Reactors

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. d)(1) through d)(4) and e)(2).

(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 operation(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 are identified below. 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(A)(3)	Organic compound (OC) emissions from P011 shall not exceed 5.6 pounds per hour, 36.9 pounds per day, and 1.8 tons per year. OC emissions from P012 shall not exceed 5.34 pounds per hour, 40.61 pounds per day, and 2.72 tons per year. OC emissions from P013 shall not exceed 1.68 pounds per hour, 16.75 pounds per day, and 0.83 tons per year.
b.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Title V	See B.2. through B.5. See c)(1) below.
c.	ORC 3704.03(F) OAC rule 3745-114-01	See d)(1) through d)(4) and e)(2).



(2) Additional Terms and Conditions

- a. All raw/discarded process materials and clean/used cleanup solvents shall be properly identified and held in closed storage vessels or closed containers at all times when not in use or for appropriate off-site disposal.

c) Operational Restrictions

- (1) The maximum annual operating hours for each emissions unit shall not exceed 3,800, based upon a rolling, 12-month summation of the operating hours.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the following information:

- a. the operating hours for each month; and
- b. the rolling, 12-month summation of the operating hours.

- (2) The permit-to-install (PTI) application, #16-02188, for emissions unit P012 was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee. The "Toxic Air Contaminant Statute", ORC 3704.03(F), was applied to this emissions unit for each toxic air contaminant listed in OAC rule 3745-114-01, using data from the permit application; and modeling was performed for each toxic air contaminant(s) emitted using an air dispersion model such as SCREEN3, AERMOD, or ISCST3, or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the approved air dispersion model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as described in the Ohio EPA guidance document entitled "Review of New Sources of Air Toxic Emissions, Option A", as follows:

- a. the exposure limit, expressed as a time-weighted average concentration for a conventional 8-hour workday and a 40-hour workweek, for each toxic compound(s) emitted from the emissions unit, (as determined from the raw materials processed and/or coatings or other materials applied) has been documented from one of the following sources and in the following order of preference (TLV was and shall be used, if the chemical is listed):
 - i. threshold limit value (TLV) from the American Conference of Governmental Industrial Hygienists' (ACGIH) "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices"; or
 - ii. STEL (short term exposure limit) or the ceiling value from the American Conference of Governmental Industrial Hygienists' (ACGIH) "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices"; the STEL or ceiling value is multiplied by 0.737 to convert the 15-minute exposure limit to an equivalent 8-hour TLV.



- b. The TLV is divided by ten to adjust the standard from the working population to the general public (TLV/10).
- c. This standard is/was then adjusted to account for the duration of the exposure or the operating hours of the emissions unit, i.e., 24 hours per day and 7 days per week, from that of 8 hours per day and 5 days per week. The resulting calculation was (and shall be) used to determine the Maximum Acceptable Ground-Level Concentration (MAGLC):

$$\text{TLV}/10 \times 8/X \times 5/Y = 4 \text{ TLV}/XY = \text{MAGLC}$$

- d. The following summarizes the results of dispersion modeling for the significant toxic contaminants or "worst case" toxic contaminant(s):

Toxic Contaminant: 1,3-butadiene (CAS 106-99-0)

TLV (mg/m³): 4.4

Maximum Hourly Emission Rate (lbs/hr): 5.0

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m³): 85

MAGLC (ug/m³): 105

The permittee, having demonstrated that emissions of 1,3-butadiene, from emissions unit P012, is estimated to be equal or greater than eighty per cent, but less than 100 per cent of the maximum acceptable ground level concentration (MAGLC), shall not operate the emissions unit at a rate that would exceed the daily emissions rate, process weight rate, and/or restricted hours of operations, as allowed in this permit; and any new raw material or processing agent shall not be applied without evaluating each component toxic air contaminant in accordance with the "Toxic Air Contaminant Statute", ORC 3704.03(F).

- (3) Prior to making any physical changes to or changes in the method of operation of the emissions unit, that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration, the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, the following:
 - a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled;
 - b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and



- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Toxic Air Contaminant Statute", ORC 3704.03(F), will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to a non-restrictive change to a parameter or process operation, where compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), has been documented. If the change(s) meet(s) the definition of a "modification", the permittee shall apply for and obtain a final federally enforceable permit-to-install and operate (FEPTIO) prior to the change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and he/she may require the permittee to submit a permit application for the increased emissions.

- (4) The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the "Toxic Air Contaminant Statute":
 - a. a description of the parameters/values used in each compliance demonstration and the parameters or values changed for any re-evaluation of the toxic(s) modeled (the composition of materials, new toxic contaminants emitted, change in stack/exhaust parameters, etc.);
 - b. the Maximum Acceptable Ground-Level Concentration (MAGLC) for each significant toxic contaminant or worst-case contaminant, calculated in accordance with the "Toxic Air Contaminant Statute", ORC 3704.03(F);
 - c. a copy of the computer model run(s), that established the predicted 1-hour maximum ground-level concentration that demonstrated the emissions unit to be in compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), initially and for each change that requires re-evaluation of the toxic air contaminant emissions; and
 - d. the documentation of the initial evaluation of compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), and documentation of any determination that was conducted to re-evaluate compliance due to a change made to the emissions unit or the materials applied.
- (5) The permittee shall maintain a record of any change made to a parameter or value used in the dispersion model, used to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration. The record shall include the date and reason(s) for the change and if the change would increase the ground-level concentration.



e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. all exceedances of the rolling, 12-month limitation on the hours of operation for this emissions unit;
 - b. the probable cause of each deviation (excursion);
 - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
 - d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services 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.
- (3) The permittee shall include in the annual Permit Evaluation Report (PER) any changes made to a parameter or value used in the dispersion model, that was used to maintain compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration. If no changes to the emissions, emissions unit, or the exhaust stack have been made, then the report shall include a statement to this effect.

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:

OC emissions from P011 shall not exceed 5.6 pounds per hour, 36.9 pounds per day, and 1.8 tons per year.



OC emissions from P012 shall not exceed 5.34 pounds per hour, 40.61 pounds per day, and 2.72 tons per year.

OC emissions from P013 shall not exceed 1.68 pounds per hour, 16.75 pounds per day, and 0.83 tons per year.

Applicable Compliance Method:

Compliance with the allowable OC emission limitations above shall be based upon potentials to emit emission estimates using the mass balance approach and operational assumptions as noted in the documents "SPP Isoprene Still PTE", "Reactors", and "Premix" by RJ DiMascio (09/14/01), as updated December 2012.

If required, the permittee shall demonstrate compliance with the allowable emission limitations through the results of emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 18, 25, or 25A, as appropriate.

g) Miscellaneous Requirements

- (1) None.