

**NOTICE OF HEARING - CORRECTED**

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF AIR POLLUTION CONTROL  
WILLIAM R. SNODGRASS TENNESSEE TOWER  
312 ROSA L. PARKS AVENUE, 15<sup>th</sup> FLOOR  
NASHVILLE, TENNESSEE 37243  
PHONE: (615) 532-0554 FAX: (615) 532-0614**

**NOTICE IS HEREBY GIVEN**, the Division of Air Pollution Control will hold a public hearing pursuant to Tennessee Code Annotated, Section 68-201-105

Location: Tennessee Tower, 15<sup>th</sup> Floor, Conference Room A, 312 Rosa L. Parks Avenue, Nashville, Tennessee

Date: February 13, 2024

Public Hearing: 10:00 AM Central Time

There will be a public hearing before the Technical Secretary of the Tennessee Air Pollution Control Board to consider a draft general permit under the authority of Tennessee Code Annotated, Section 68-201-105. The Tennessee Air Pollution Control Board has promulgated regulations allowing the issuance of general permits for certain non-major sources ([Rule 1200-03-09-.06 of the Tennessee Air Pollution Control Regulations](#)). General permits are not issued to a specific source, but are issued for a specific source category, and sources within that category may apply for coverage under the general permit. General permits can serve as both construction and operating permits. Sources located in nonattainment areas are not eligible for a general permit for construction of a new or modified air contaminant source if the source emits the pollutant and/or a precursor to the pollutant for which the area has been designated nonattainment by the United States Environmental Protection Agency or the Tennessee Air Pollution Control Board. A draft general permit has been prepared for certain concrete batch plant operations.

The eligibility criteria are included in the draft general permit. Only concrete batch plants that have total allowable emissions of less than 10 tons per calendar year of all regulated pollutants are eligible for coverage under this general permit. When determining if a concrete batch plant is eligible for coverage under this general permit, emissions from all sources (concrete batch plants or other colocated emission sources) located at the same facility must be considered. Copies of the draft general permit and supporting documents are attached to this notice.

**HEARING INFORMATION**

The hearing will take place at the location, date, and time indicated above. All persons interested in the air quality of the State of Tennessee are urged to attend and will be afforded the opportunity to present testimony to the hearing officer regarding the draft general permit. Anyone desiring to make oral comments at this public hearing is requested to prepare a written copy of their comments to be submitted to the hearing officer at the public hearing. The hearing officer may limit the length of oral comments in order to allow all parties an opportunity to speak, and will require that all comments be relevant to the draft general permit. Written statements not presented at the hearing will only be considered part of the record if received by close of business on February 14, 2024, at the office of the Technical Secretary, Tennessee Division of Air Pollution Control, 312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor, William R. Snodgrass Tennessee Tower, Nashville, TN 37243.

Individuals with disabilities who wish to participate in these proceedings (or review the file record) should contact TDEC to discuss any auxiliary aids or services needed to facilitate such participation. Contact may be in person, by writing, telephone, or other means, and should be made no less than ten working days prior to February 14, 2024, to allow time to provide such aid or services. Contact the ADA Coordinator (1-866-253-5827) for further information. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298). If you have any questions about the draft general permit, you may contact Mr. Will Collins by phone at (615) 532-9198 or by e-mail at [will.collins@tn.gov](mailto:will.collins@tn.gov).

Updated January 11, 2024, to correct typographical errors in the notice published on January 2, 2024.

## HEARING OPTIONS

This is a hybrid hearing. You may attend the hearing in person at the following location: **Tennessee Tower, 15<sup>th</sup> Floor, Conference Room A, 312 Rosa L. Parks Avenue, Nashville, Tennessee**

Or, you may attend online via Microsoft Teams:

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Microsoft Teams meeting

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[+1 629-209-4396,490126454#](tel:+16292094396490126454) United States, Nashville

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<b>Supporting Documentation - General Permit for Concrete Batch Plants</b>	
Attachment A	General Permit G00003 for Concrete Batch Plants with Emissions Less Than 10 Tons per Calendar Year
Attachment B	Notice of Intent (NOI) for General Permit G00003
Attachment C	Notice of Coverage (NOC) for General Permit G00003

**Attachment A**

**General Permit G00003 for Concrete Batch Plants with Emissions Less Than 10 Tons per Calendar Year**



**STATE OF TENNESSEE  
AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE**

**GENERAL PERMIT TO CONSTRUCT / MODIFY AND OPERATE AIR CONTAMINANT SOURCE(S)**

**Permit Number:** G00003

**Facility Classification:** True Minor  
Emissions less than 10 tons per calendar year

**Facility Description:** Concrete Batch Plant Operation with silo(s), Fabric Filter Control and Wet Suppression

**SIC/NAICS:** Ready-Mixed Concrete/Manufacturing, typical Standard Industrial Classification (SIC) code is 3273 and the North American Industry Classification System (NAICS) code is 327320.

General Permit G00003, consisting of 16 pages is hereby issued \*\*\*\*\*, pursuant to the Tennessee Air Quality Act and by the Technical Secretary, Tennessee Air Pollution Control Board, Department of Environment and Conservation. This permit supersedes all previously issued permits for this/these source(s). This permit expires on \*\*\*\*\*. The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations (TAPCR).

\_\_\_\_\_  
Michelle W. Owenby  
Technical Secretary  
Tennessee Air Pollution Control Board

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

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### Concrete Batch Plant Process Description

A concrete batch plant is an operation that combines various ingredients to form concrete. The facility can be portable, stationary truck mix, or central mix. Some of the material inputs include sand, water, aggregate (rocks, gravel, etc.), fly ash, potash, and cement. There are two types of concrete batch plants: ready mix plants and central mix plants. A concrete batch plant can have a variety of parts and equipment, including, but not limited to mixers (either tilt-up or horizontal or in some cases both), cement batchers, aggregate batchers, conveyors, radial stackers, aggregate bins, cement bins, heaters, chillers, cement silos, batch plant controls, aggregate piles, and dust collectors.

## **Section I - Permit Condition**

### **P1. Permit Applicability**

Permit G00003 is hereby issued and made available to persons who operate eligible concrete batch plants subject to regulation under the Tennessee Air Pollution Control Regulations (TAPCR) Division 1200-03 and 0400-30, with the exception of non-state owned sources located in areas issued a Certificate of Exemption from the Tennessee Air Pollution Control Board; sources subject to TAPCR 1200-03-09-.02(11); and new or modified sources locating in areas designated as non-attainment for particulate matter by the U.S. Environmental Protection Agency (U. S. EPA) or the Tennessee Air Pollution Control Board. Existing sources (as defined in TAPCR 1200-03-02-.02(1)(q)) located in PM<sub>2.5</sub> nonattainment areas are eligible for coverage under this permit if no source-specific conditions have been established due to their location in a nonattainment area. This permit authorizes the construction, operation, and modification of all equipment associated with concrete batch plants eligible for coverage under this permit as defined in **Condition G1**, and the resulting air emissions provided all requirements of this permit and TAPCR 1200-03 and 0400-30 are met.

TAPCR 1200-03-09-.06

## **Section II - General Permit Conditions**

### **G1. Eligibility**

Only concrete batch plants subject to regulation under the TAPCR 1200-03 and 0400-30 that are not excluded in **Condition P1** of this permit and have allowable emissions of less than 10 tons per calendar year of all regulated pollutants are eligible for coverage under this general permit. When determining if a concrete batch plant is eligible for coverage under this general permit, emissions from all sources (concrete batch plants or other collocated emission sources) located at the same facility must be considered.

TAPCR 1200-03-09-.06(5), TAPCR 1200-03-26-.02(6)(e)

### **G2. Permission to Construct and Operate**

This general permit shall serve as both a construction and operating permit for eligible sources as identified in condition P1 of this permit provided the provisions of **Condition G6** are met.

TAPCR 1200-03-09-.06(3)

### **G3. Requirement to Obtain Traditional Permit(s)**

Notwithstanding the provisions of this permit, the Technical Secretary may require any person to apply for and obtain a traditional construction permit as set forth in TAPCR 1200-03-09-.01(1), and an operating permit as set forth in TAPCR 1200-03-09-.02(1) through (4), should it be deemed necessary by the Technical Secretary.

TAPCR 1200-03-09-.03(8)

### **G4. Comply with Regulations**

A. This source shall comply with all applicable state and federal air pollution regulations as specified in **Condition P1**. This includes, but is not limited to, federal regulations published under 40 CFR Part 60, New Source Performance Standards, and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories.

TAPCR 1200-03-09-.03(8)

- B. Operation of each air contaminant source shall be in accordance with the provisions and stipulations set forth in this general permit, all provisions of the TAPCR 1200-03, and 0400-30, and all provisions of the Tennessee Air Quality Act.

TAPCR 1200-03-09-.02(6)

**G5. Approved Notice of Intent**

This source shall operate in accordance with the terms of this permit, the information submitted in the approved Notice of Intent (NOI) referenced in **Condition G6**, and any documented agreements made with the Technical Secretary.

TAPCR 1200-03-09-.01(1)(d), 1200-03-09-.02(6) and 1200-03-09-.06(9)(b)

**G6. Notice of Intent Requirements:**

- A. Initial Coverage: Facilities desiring to be covered by this general permit shall submit an NOI to the Technical Secretary at the address specified in **Condition G7**. The NOI must be made on forms available from the Technical Secretary.

TAPCR 1200-03-09-.06(5)

B. Construction and Modification

1. New facilities wishing to be covered by this general permit must submit a NOI to the Technical Secretary no fewer than 90 days prior to the estimated starting date of construction. The NOI must be made on forms available from the Technical Secretary.
2. If a facility presently covered by this general permit intends to modify their facility (as “modification” is defined in TAPCR 1200-03-02), a NOI for such modification must be submitted to the Technical Secretary no fewer than 30 days prior to such modification. The NOI must be made on forms available from the Technical Secretary as specified in **Condition G8**.

TAPCR 1200-03-09-.06(6)

- C. Renewal of Coverage Under the General Permit: For a source covered by this general permit, an NOI shall be submitted within 30 days before the expiration date of this General Permit to ensure continued coverage.
- D. If any of the contact information included in the NOI changes during the term of the general permit, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification provided in **Appendix 1** must be submitted within 30 days of the change. The notification shall include all new information and must be signed by the responsible person. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of the Notice of Coverage (NOC) limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

TAPCR 1200-03-09-.03(8) and 1200-03-09-.06(6)



**G7. Submittals**

Unless otherwise specified within this permit, the permittee shall submit all applicable plans, checklists, certifications, notifications, test protocols, reports, applications, and fees to the attention of the following Division Programs at the addresses indicated in the table below:

Permitting Program	Compliance Validation Program
<ul style="list-style-type: none"><li>• Notifications</li><li>• Startup certifications</li><li>• Applications</li><li>• Fees</li><li>• Emission Statements</li></ul>	<ul style="list-style-type: none"><li>• Test protocols</li><li>• Emission test reports</li><li>• Visible emission evaluation reports</li></ul>
Division of Air Pollution Control William R. Snodgrass TN Tower, 15 <sup>th</sup> Floor 312 Rosa L. Parks Avenue Nashville, TN 37243 <a href="mailto:Air.Pollution.Control@tn.gov">Air.Pollution.Control@tn.gov</a>	

The permittee shall submit the information identified above as requested in this permit. In lieu of submitting this information to the mailing addresses above, the permittee may submit the information to the attention of the respective Division Programs via e-mail in Adobe Portable Document format (PDF) to the specified email address.

TAPCR 1200-03-09-.03(8)

**G8. Notification of changes**

The permittee shall notify the Technical Secretary for any of the following changes to a permitted air contaminant source which would not be a modification requiring a new construction permit:

- change in air pollution control equipment that does not result in an increase or otherwise meet the definition of a modification
- change in stack height or diameter
- change in exit velocity of more than 25% or exit temperature of more than 15% based on absolute temperature.

The permittee must submit the Notification provided in **Appendix 2** of this permit 30 days before the change is commenced.

TAPCR 1200-03-09-.02(7)

**G9. Termination of Coverage**

If a source covered by this general permit determines that the source no longer qualifies for such permit, the source shall submit a notice of the change in status within 30 days of either such determination by the source. This notification shall include an application for a new construction permit or an application for a new operating permit, whichever is appropriate.

TAPCR 1200-03-09-.06(7)

**G10. Permit Transference**

A. This general permit is not transferable from one air contaminant source to another air contaminant source or from one location to another location.

TAPCR 1200-03-09-.03(6)(b)

B. In the event an ownership change occurs at this facility, the new owner must submit the notification provided in **Appendix 3** of this general permit and request an amendment to their NOC to reflect said ownership change. The written notification must be submitted by the new owner to the Permitting Program no later than 30 days after the ownership change occurs. If the change in ownership results in a change in Responsible Person for the facility, notification of the change in Responsible Person must also be submitted, as specified in **Condition G6**. The NOI must be made on forms available from the Technical Secretary and submitted, as specified in **Condition G7**.

TAPCR 1200-03-09-.03(6)(a) and (b)

C. In the event of a name change not associated with a change in ownership at a facility covered under this general permit, a responsible person (owner or officer) must notify the Technical Secretary, at the address specified in **Condition G7**, in writing of such change. A copy of this notification must be attached to the NOC.

TAPCR 1200-03-09-.03(6)

**G11. Fees**

The air contaminant source(s) identified in this permit shall comply with the requirements for payment of applicable annual emission fees to the Tennessee Division of Air Pollution Control based on the Administrative Fees SCHEDULE I provided in Appendix 4 of this permit. The fee must be paid to the Division in full by the first (1st) day of the month that the fee is due (determined from Appendix 4). (Note: not all facilities are required to pay annual emission fees)

TAPCR 1200-03-26-.02

**G12. General Recordkeeping Requirements**

A. All recordkeeping requirements for all data required to be recorded shall follow the following schedules:

For Daily Recordkeeping	For Weekly Recordkeeping	For Monthly Recordkeeping
No later than seven days from the end of the day for which the data is required.	No later than seven days from the end of the week for which the data is required.	No later than 30 days from the end of the month for which the data is required.

B. The information contained in logs, records, and submittals required by this general permit shall be kept at the facility’s address, unless otherwise noted, and provided to the Technical Secretary or a Division representative upon request. Computer-generated logs are acceptable. Compliance is assured by retaining the logs, records, and submittals specified in this permit for a period of not less than five years at the facility’s address.

TAPCR 1200-03-10-.02(2)(a)

**G13. Routine Maintenance Requirements**

The permittee shall maintain and repair the emission source, associated air pollution control device(s), and compliance assurance monitoring equipment as required to maintain and assure compliance with the specified emission limits.

TAPCR 1200-03-09-.03(8)

**Compliance Method:** Records of all repair and maintenance activities required above shall be recorded in a suitable permanent form and kept available for inspection by the Division. These records must be retained for a period of not less than five years. The date each maintenance and repair activity began shall be entered in the log

no later than seven days following the start of the repair or maintenance activity, and the completion date shall be entered in the log no later than seven days after activity completion.

TAPCR 1200-03-10-.02(2)(a)

#### **G14. Visible and Fugitive Emissions**

- A. Unless otherwise specified, visible emissions from this facility shall not exhibit greater than 20% opacity, except for one six-minute period in any one-hour period, and for no more than four six-minute periods in any 24-hour period. A stack is defined as any chimney, flue, conduit, exhaust, vent, or opening of any kind whatsoever, capable of, or used for, the emission of air contaminants.

TAPCR 1200-03-05-.01(1) and 1200-03-05-.03(6)

**Compliance Method:** When required to demonstrate compliance, visible emissions shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

- B. The permittee shall not cause, suffer, allow, or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Reasonable precautions shall include, but are not limited to, the following:
1. Use, where possible, of water or chemicals for control of dust in demolition of existing buildings or structures, construction operations, grading of roads, or the clearing of land;
  2. Application of asphalt, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces which can create airborne dusts;
  3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods shall be employed during sandblasting or other similar operations.

The permittee shall not cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five minutes per hour or 20 minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in TAPCR 1200-03-20.

TAPCR 1200-03-08-.01(1) and 1200-03-08-.01(2)

**Compliance Method:** When required to demonstrate compliance, fugitive emissions shall be determined by Tennessee Visible Emissions Evaluation Method 4 as adopted by the Tennessee Air Pollution Control Board on April 16, 1986.

- C. Fugitive emissions from roads and parking areas shall not exhibit greater than 10% opacity.

TAPCR 1200-03-08-.03

**Compliance Method:** When required to demonstrate compliance, fugitive emissions from roads and parking areas shall be determined by utilizing Tennessee Visible Emissions Evaluation (TVEE) Method 1, as adopted by the Tennessee Air Pollution Control Board on April 29, 1982, as amended on September 15, 1982 and August 24, 1984.

#### **G15. Malfunction or Failure**

Upon the malfunction/failure of any emission control device(s) serving this source, the operation of the process(es) served by the device(s) shall be regulated by TAPCR 1200-03-20 entitled Limits on Emissions due to Malfunctions, Startups, and Shutdowns. A malfunction is defined as, any sudden and unavoidable failure of process equipment or

for a process to operate in an abnormal and unusual manner. Failures that are caused by poor maintenance, careless operation, or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

TAPCR 1200-03-09-.03(8)

### **Section III - Source Specific Permit Conditions**

#### **S1-1. Production Limitations**

The annual production rate of the concrete batch plant shall not exceed the following limits:

**Concrete Plants – Truck Mix (Uncontrolled Loadout):** The annual production rate shall not exceed 57,000 cubic yards per calendar year of ready-mixed concrete.

**Concrete Batch Plants – Truck Mix (Controlled Loadout):** The annual production rate shall not exceed 330,000 cubic yards per calendar year of ready-mixed concrete. The loadout chute to the concrete truck must be controlled by a filtration system (central dust collector or route emissions to a silo that is controlled by a dust collector).

Should the permittee need to modify the source(s) in a manner that increases the capacity, a construction permit shall be applied for and received in accordance with TAPCR 1200-03-09-.01 prior to making the change.

TAPCR 1200-03-09-.06(5) and 1200-03-09-.03(8)

**Compliance Method:** The permittee shall maintain a log of the actual daily and monthly production as shown in **Appendix 6**, or in an alternative format that provides the same information. These logs shall be retained in accordance with **Condition G12**.

TAPCR 1200-03-10-.02(2)(a)

#### **S1-2. Emission Limitations**

- A. Particulate matter (PM) emitted from the source shall not exceed 9.9 tons per calendar year.
- B. PM emitted from stack emission points shall not exceed 0.25 grains per dry standard cubic foot of exhaust gases.
- C. The maximum hourly emission rate of fugitive PM emitted from each process emission source at this facility shall not exceed the limits obtained from Process Weight Table 2 (**Appendix 5**). Compliance with this requirement shall be based upon the batching rate specified in the NOI and determined on a daily average basis.

TAPCR 1200-03-07-.01(5) and the NOI submitted by the owner/operator, 1200-03-07-.04(2), 1200-03-09-.03(8) and 1200-03-10-.02(2)(a)

**Compliance Method:** Compliance with this condition shall be assured as follows:

1. The permittee shall demonstrate compliance with the stack emission limit by installing, operating, and maintaining baghouses or a central dust collector to control PM emissions from each silo.
2. The permittee shall install, operate, and maintain baghouses or a central dust collector to control PM emissions from the weigh batcher(s), or the permittee shall route emissions from the weigh batcher(s) to a silo that is controlled by a baghouse or central dust collector.

3. For concrete batch plants with an annual production greater than 57,000 cubic yards per calendar year, the permittee shall install, operate, and maintain baghouses or a central dust collector to control PM emissions from the weigh batcher discharge chute(s), or the permittee shall route emissions from the weigh batcher discharge chute(s) to a silo that is controlled by a baghouse or central dust collector.
4. The concrete batch plant shall not operate unless the control devices identified in the NOI (baghouses and central dust collector, as applicable) are in operation. The permittee shall perform and record weekly visual inspections of the exterior of the baghouse and the baghouse ductwork, including the baghouse exhaust. The permittee shall initiate, as well as record, corrective action within 24 hours and complete, as well as record, corrective action as expeditiously as practical if the permittee finds that an abrasion hole, emissions problem, and/or plugging problem has developed during an inspection of the baghouse(s). Identification of an abrasion hole, emissions problem, and/or plugging problem and corrective action(s) shall be noted in the weekly inspection records. Inspection records shall be kept (see **Appendix 6** for example logs) and shall also include the initials of the person performing the inspection(s) and corrective action(s), along with the date, time, and any relevant comments. These records shall be retained in accordance with **Condition G13**.
5. Compliance with the fugitive emission limits shall be assured by taking reasonable precautions to prevent particulate matter from becoming airborne in accordance with **Condition G14.B**. The following measures constitute reasonable precautions for handling and processing sand and aggregate and loading of sand and aggregate to the weigh batcher(s): (1) wet material shall be utilized in handling aggregate, sand handling, and in weigh hopper loading; and (2) side enclosures shall be used as needed is used for ground storage.
6. Compliance with this condition is also based upon the daily and annual production records required by **Condition S1-1** and U. S. EPA's AP-42 emission factors for concrete batching (**Table S1-2**). Compliance shall be assured by compliance with the production limits and associated recordkeeping requirements in **Condition S1-1**.

<b>Table S1-2: PM Emission Limits</b>	
<b>Description</b>	<b>Allowable PM Emissions</b>
Aggregate to ground storage	0.0069 lb/ton of aggregate loaded
Aggregate to conveyor	0.0069 lb/ton of aggregate loaded
Aggregate to elevated storage	0.0069 lb/ton of aggregate loaded
Sand to ground storage	0.0021 lb/ton of sand loaded
Sand to conveyor	0.0021 lb/ton of sand loaded
Sand to elevated storage	0.0021 lb/ton of sand loaded
Pneumatic Loading of Cement from Truck to Silo	0.00099 lb/ton of cement loaded
Pneumatic Loading of Cement Supplement from Truck to Silo	0.0089 lb/ton of cement supplement loaded
Weigh Hopper Loading	0.0048 lb/ton of sand and aggregate loaded
Truck Loading (Facilities Using Controlled Loadout)	0.098 lb/ton of cement and cement supplement loaded
Truck Loading (Facilities Using Uncontrolled Loadout)	1.118 lb/ton of cement and cement supplement loaded
Data source: U. S. EPA, <i>AP 42, Fifth Edition, Volume I Chapter 11: Mineral Products Industry</i> , Tables 11.12-2 and 11.2-5. EPA's emission factors are based on an average material composition of one cubic yard (4,024 lb) of concrete, which includes 1,865 lb of coarse aggregate, 1,428 lb of sand, 491 lb of cement, and 73 lb of cement supplement, and approximately 20 gallons of water.	

(End of conditions)

## Appendix 1: Notification of Change in Responsible Person(s)

**Facility (Permittee)** \_\_\_\_\_

**Facility ID** \_\_\_\_\_

**Former Responsible Person**

Name

Title

**New Responsible Person**

Name

Title

**New Responsible Person Email**

**Date New Responsible Person was assigned this duty:**

**New Technical Contact**

Name

Title

**New Technical Contact Email**

**Date New Technical Contact was assigned this duty:**

**New Billing Contact**

Name

Title

**New Billing Contact Email**

**Date New Billing Contact was assigned this duty:**

As the Responsible Person of the above-mentioned facility (permittee), I certify that the information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature

Date

Signer's name (print)

Title

Phone (with area code)

## Appendix 2: Notification of Changes

**Facility (Permittee)** \_\_\_\_\_

**Facility ID** \_\_\_\_\_

**Source No.** \_\_\_\_\_

	Control Equipment	Stack Height (Feet)	Stack Diameter (Feet)	Exit Velocity (Feet/Second)	Exit Temperature (°F)
Current					
Proposed					
Current					
Proposed					
Current					
Proposed					

Comments:

As the Responsible Person of the above-mentioned facility (permittee), I certify that the information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature		Date
Signer's name (print)	Title	Phone (with area code)

### Appendix 3: Notification of Ownership Change

Facility (Permittee) \_\_\_\_\_ (Previous Owner)

Facility ID \_\_\_\_\_

Facility (Permittee) \_\_\_\_\_ (New Owner)

Email Address \_\_\_\_\_

Secretary of State Control Number \_\_\_\_\_ [as registered with the TN Secretary of State]

Date of Ownership Change \_\_\_\_\_

Comments:

As the responsible person for the new owner or operator of the above-mentioned facility (permittee):

- I agree to not make any changes to the stationary source(s) that meet the definition of modification as defined in Division 1200-03 or Division 0400-30<sup>1</sup>, and
- I agree to comply with the conditions contained in **the permits listed below**, Division 1200-03 and Division 0400-30 of the Tennessee Air Pollution Control Regulations, the Tennessee Air Quality Act, and any documented agreements made by the previous owner to the Technical Secretary.

List all active permits issued to the facility for which the owner wishes to assume ownership:

As the Responsible Person of the above-mentioned facility (permittee), I certify that the information contained in this Notification is accurate and true to the best of my knowledge. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Signature		Date
Signer's name (print)	Title	Phone (with area code)

<sup>1</sup> Appropriate application forms must be submitted prior to modification of the stationary source(s).



## Appendix 4: Fees

All minor and conditional major source annual emission fees are due and payable to the Division in full according to SCHEDULE I below<sup>2</sup> unless otherwise specified in TAPCR 1200-03-26-.02(6)(c). The county that a source is located in determines when the minor source annual emission fee is due. Fees are due the first day of the month listed. If a source is located on contiguous property in more than one county, the county appearing earliest in the calendar year shall be used to determine the due date of the annual emission fee.

### SCHEDULE I Month the Annual Emissions Fee is Due (Accounting Period) Counties in the Monthly Grouping

January	Anderson, Bedford, Benton, Bledsoe, Blount, Bradley and Campbell
February	Cannon, Carroll, Carter, Cheatham, Chester, Claiborne, Clay and Cocke
March	Coffee, Crockett, Cumberland, Davidson, Decatur, DeKalb, Dickson, Dyer and Fayette
April	Fentress, Franklin, Gibson, Giles, Grainger, Greene and Grundy
May	Hamblen, Hamilton, Hancock, Hardeman, Hardin, Hawkins, Haywood and Henderson
June	Henry, Hickman, Houston, Humphreys, Jackson, Jefferson, Johnson, Knox, Lake, Lauderdale, Lawrence and Lewis
July	Lincoln, Loudon, McMinn, McNairy, Macon and Madison
August	Marion, Marshall, Maury, Meigs, Monroe, Montgomery, Moore and Morgan
September	Obion, Overton, Perry, Pickett, Polk, Putnam and Rhea
October	Roane, Robertson, Rutherford, Scott, Sequatchie, Sevier, and Shelby
November	Smith, Stewart, Sullivan, Sumner, Tipton, Trousdale, Unicoi and Union
December	Van Buren, Warren, Washington, Wayne, Weakley, White, Williamson and Wilson

<sup>2</sup> Note that some sources with allowable emissions below specific thresholds are not subject to the requirement to pay annual emission fees. Contact the Emission Inventory Program at [apc.inventory@tn.gov](mailto:apc.inventory@tn.gov) if you have any questions.

## Appendix 5: Table 2 Process Emission Standards

PROCESS EMISSION STANDARDS

CHAPTER 1200-03-07

**TABLE 2 NEW PROCESS EMISSION SOURCES ALLOWABLE RATE OF EMISSION  
BASED OF PROCESS WEIGHT RATE<sup>a</sup>**

Process Weight Rate		Rate of Emission		Process Weight Rate		Rate of Emission	
Lb/Hr	Tons/Hr	Lb/hr	Lb/hr	Tons/Hr	Lb/Hr	Lb/Hr	Lb/Hr
50	0.025	0.36	16,000	8.00	13.0		
100	0.05	0.55	18,000	9.00	14.0		
200	0.10	0.86	20,000	10.	15.0		
400	0.20	1.32					
600	0.30	1.70	30,000	15.	19.2		
800	0.40	2.03	40,000	20.	23.0		
1,000	0.50	2.34	50,000	25.	26.4		
1,500	0.75	3.00	60,000	30.	29.6		
2,000	1.00	3.59	70,000	35.	30.6		
2,500	1.25	4.12	80,000	40.	31.2		
3,000	1.50	4.62	90,000	45.	31.8		
3,500	1.75	5.08	100,000	50.	32.4		
4,000	2.00	5.52	120,000	60.	33.3		
5,000	2.50	6.34	140,000	70.	34.2		
6,000	3.00	7.09	160,000	80.	34.9		
7,000	3.50	7.81	200,000	100.	36.2		
8,000	4.00	8.5	1,000,000	500	46.8		
9,000	4.50	9.1					
10,000	5.00	9.7					
12,000	6.00	10.9					

<sup>a</sup> Interpolation of the data in Table 2 for the process weight rates up to 60,000 lbs/hr shall be accomplished by the use of the equation:

$$E = 3.59 P^{0.52} \text{ for } P \text{ less than or equal to } 30 \text{ tons/hr}$$

and interpolation and extrapolation of the data for process weight rates in excess of 60,000 lbs/hr shall be accomplished by use of the equation:

$$E = 17.31 P^{0.16} \text{ for } P \text{ greater than } 30 \text{ tons/hr}$$

Where: E = Emissions in pounds per hour  
P = Process weight rate in tons per hour

## Appendix 6: Example Logs

Daily Concrete Production							
Date	Production (Number of Batches)	Production (cubic yards)	Date	Production (cubic yards)	Date	Production (Number of Batches)	Production (cubic yards)
1			12		23		
2			13		24		
3			14		25		
4			15		26		
5			16		27		
6			17		28		
7			18		29		
8			19		30		
9			20		31		
10			21				
11			22				
Total for the month of			, 20				

Monthly Concrete Production					
Month	Production (cubic yards)	Month	Production (cubic yards)	Month	Production (cubic yards)
January		May		September	
February		June		October	
March		July		November	
April		August		December	
Total(s) for calendar year 20					

### Baghouse and Dust Collector Filter Checks for Concrete Batch Plant

Date	Time	Weekly Exterior Inspection Checked?		Comments / Corrective Actions	Initials
		Yes	No		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
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		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		

**Attachment B**

**Notice of Intent (NOI) for General Permit G00003**



DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
 DIVISION OF AIR POLLUTION CONTROL  
 William R. Snodgrass Tennessee Tower  
 312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor, Nashville, TN 37243  
 Telephone: (615) 532-0554, Email: Air.Pollution.Control@tn.gov

APC 203

**NOTICE OF INTENT (NOI) FOR DIVISION OF AIR POLLUTION CONTROL  
 GENERAL PERMIT - CONCRETE BATCH PLANTS**

SITE INFORMATION			
<b>1. Organization's legal name and SOS control number</b> [as registered with the TN Secretary of State (SOS)]			
<b>2. Site name</b> (if different from legal name)			
<b>3. Site address</b> (St./Rd./Hwy.)			County Name
City	Zip Code		<b>4. NAICS or SIC Code</b>
<b>5. Site location</b> (in lat./long.)	Latitude	Longitude	
CONTACT INFORMATION (RESPONSIBLE PERSON)			
<b>6. Responsible person/Authorized contact</b>			Phone number with area code
Mailing address (St./Rd./Hwy.)			Fax number with area code
City	State	Zip code	Email address
CONTACT INFORMATION (TECHNICAL)			
<b>7. Principal technical contact</b>			Phone number with area code
Mailing address (St./Rd./Hwy.)			Fax number with area code
City	State	Zip code	Email address
CONTACT INFORMATION (BILLING)			
<b>8. Billing contact</b>			Phone number with area code
Mailing address (St./Rd./Hwy.)			Fax number with area code
City	State	Zip code	Email address

**9. Is the air contaminant source(s) in a nonattainment area? The source is not eligible for a General Permit for construction or modification if the area is in nonattainment for a pollutant or precursor pollutant emitted by the source.** Yes  No

**10. TYPE OF NOTIFICATION OF COVERAGE (NOC) REQUESTED**

<input type="checkbox"/> New Construction Permit	<input type="checkbox"/> Renewal of Existing Permit/NOC	<input type="checkbox"/> Modification (specify in comments)
Construction Starting Date:	APC Facility ID Number	Modification Start Date:
Construction Completion Date:	Last Permit or Notification of Coverage number	Modification Completion Date:
<b>11. Has there been a change in ownership?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, date of ownership change

**12. Describe changes and/or modifications that have been made or are planned to be made to this operation since the last permit application:**

**DESCRIPTION OF SOURCE**

<b>13. Maximum annual production:</b>	Cubic Yards per Calendar Year
---------------------------------------	-------------------------------

**CEMENT RECEIVING AND STORAGE**

<b>14. Cement receiving equipment</b>	Is conveyor enclosed?	Is elevator enclosed?	Compressed air flow (Ft. <sup>3</sup> /Min.)	Average load size (Tons)	Normal loading time (Min.)
	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
<b>15. Cement Storage Silos</b>	Number of silos	<u>Silo vent controls</u>			
		Discharges to (check all that applies) Fabric filter <input type="checkbox"/> Another silo <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/>			

**WEIGH-BATCHER INFORMATION**

<b>16. Weigh-Batcher</b>	Capacity (Yards)	Batching rate (Yards/Hour)	Batch dumping rate (Yards/Minute)		
Silo to weigh-batcher vent controls	Hood <input type="checkbox"/>	Fabric Filter <input type="checkbox"/>	Discharges to silo <input type="checkbox"/>	None <input type="checkbox"/>	
Weigh-batcher discharge chute controls:	Adjustable gathering hopper <input type="checkbox"/>	Hood <input type="checkbox"/>	Fabric filter <input type="checkbox"/>	Discharges to silo <input type="checkbox"/>	None <input type="checkbox"/>

		SILO #1 INFORMATION			SILO #2 INFORMATION		
<b>17. Emission point data for:</b>	Silo vent	Silo to weigh-batch vent	Weigh-batcher discharge chute	Silo vent	Silo to weigh-batch vent	Weigh-batcher discharge chute	
A. Height above grade (Ft.)							
B. Diameter (Ft.)							
C. Emission exit direction (Up, down, or horizontal)							
D. Air flow rate (Ft. <sup>3</sup> /Minute)							
<b>18. Do all emission units exhaust through the Central Dust Collector?</b>							
<input type="checkbox"/> <b>Yes</b> Identify flow rate (dscf./min.)			<input type="checkbox"/> <b>No</b> Identify each emission point and flow rate (dscf./min.)				
<b>19. Control device:</b> Operating parameters of control device (flow rate, temperature, pressure drop, etc.)							
ROAD DUST AND STOCKPILE INFORMATION							
<b>20. Road dust control</b>	None	Paved	Oiled	Watered frequently			
Plant Yard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Access Roads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<b>21. Stockpiles</b>	Estimated annual tonnage	Number of sides enclosed	Turnover rate (Tons/Month)	Received damp	Wetted as received		
Gravel							
Sand							
SIGNATURE							
Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above-mentioned facility, certify that the information contained in this application and any attached application(s) is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.							
<b>Signature</b> (application must be signed before it will be processed)				<b>Date</b>			
<b>Signer's name</b> (type of print)		<b>Title</b>		<b>Phone number with area code</b>			

**Concrete batch plant diagram instructions:** Show general plant layout and air pollution control devices. Indicate the following: storage pile areas, conveyor systems, method of receiving cement, elevators, silos, silo vents, silo-to-weigh-batcher vent, weigh-batcher discharge chute, and product receiving equipment such as trucks and tilt or product mixers. Indicate air pollution control devices such as fabric filters, wet suppressions, hoods, canvas coverings, enclosures, etc.



**Attachment C**

**Notice of Coverage (NOC) for General Permit G00003**



«Prefix» «First\_Name» «Last\_Name»  
«Organization's legal name»  
«Mailing\_Address»  
«Mailing\_Address2»  
«Mailing\_City», «Mailing\_State» «Mailing\_Zip»

**NOTICE OF COVERAGE  
FOR CONCRETE BATCH PLANT SOURCES  
General Permit G00003**

We received from your company a Notice of Intent (NOI) to be covered under the Tennessee General Air Permit for Concrete Batch Plant sources. The current Air Pollution Control General Permit for Concrete Batch Plant sources became effective on **TBD 2024** and expires on **TBD 2034**. **We are hereby notifying you that your facility is covered under General Permit G00003.**

This Notice of Coverage is issued under the authority of the Tennessee Air Pollution Control Act (T.C.A Title 68 Chapter 201) and the delegation of authority from the United States Environmental Protection Agency under the Federal Clean Air Act as amended in 1990 (U.S.C.):

**Facility Name:** «Facility\_Name»

**Installation Description:** «Concrete Batch Plant – Sources, Number\_of\_Silos\_and\_Control\_Device»

**Facility located at:** «Mailing\_Address»  
«Mailing\_City», TN «Mailing\_Zip»

This source must be operated in accordance with limitations, monitoring, recordkeeping, and reporting requirements, and other conditions set forth in TAPC Division 1200-03 and 0400-30 Tenn. Comp. R. & Regs.

Coverage under this general permit shall become effective on «Issuance\_Date», and shall expire on **TBD 2034**.

**Notice of Coverage Issuance date:** «Issuance\_Date»  
**Emission Source Reference Number:** «Facility\_Id»  
**Notification of Coverage Number:** «Permit\_Number»  
**Expiration Date of General Permit:** **TBD 2034**

Coverage under this general permit subsumes any previous permit or Notice of Coverage issued for this source. In the event that this facility changes ownership, the new owner must submit written notification of the change to the Technical Secretary via email ([Air.Pollution.Control@tn.gov](mailto:Air.Pollution.Control@tn.gov)) within 30 days of the change. A copy of this NOC should be included with the notification.