

Concrete Batch Permit Application Information

This packet contains the **EXPEDITED** Application for Construction and/or Operating Permit for a concrete batch plant.

In order for a facility to be eligible to use the **EXPEDITED** Application, the facility must be a ready mix concrete batch plant that meets the following requirements:

- Truck mix loading and/or central mix loading, with total production capacity less than or equal to 840 yd³/hr;
- Emissions are controlled at the truck mix loading with a baghouse for truck mix plants greater than 160 yd³/hr and/or at the mixer for central mix plants greater than 290 yd³/hr;
- Only activities associated with concrete batch production, including aggregate delivery to ground storage, sand delivery to ground storage, aggregate transfer to conveyor, sand transfer to conveyor, aggregate transfer to elevated storage bins, sand transfer to elevated storage bins, cement delivery to silo, cement supplement delivery to silo, and weigh hopper loading;
- Stationary concrete batch plants cannot be co-located with another emission source (for example, a tank manufacturer that also has a concrete batch plant);
- If engines are used, only engines at portable concrete batch plants may be used, or portable engines at stationary concrete batch plants;
- Indirect heating units (boilers) of maximum rated capacity 5 MMBtu/hour – gas fired units only.

Instructions:

1. Fill out the **EXPEDITED** Application Form.
2. Calculate fee total for the applicable type(s) of permit for which you are applying: Construction Permit and/or Class II Operating Permit. A Class II Operating Permit will be needed if the mixer capacity exceeds 210 yd³/hr for truck mix or 365 yd³/hr for central mix.
3. Submit application form and fee to:

**KDHE Bureau of Air Permit Section
1000 SW Jackson, Suite 310
Topeka, KS 66605**

OR

Email to KDHE.BOAPermit@ks.gov

OR

FAX to (785) 291-3953

If forms are sent by either email or fax, you may either mail the fee or pay by credit card (see attached form).

4. Kansas regulations prohibit beginning construction of or operating the plant prior to receiving air quality construction permits, if applicable.

Facilities that operate under an existing concrete batch plant Expedited Permit are not required to submit additional applications for replacing or adding silos, conveyors, bins, or mixers as long as the facility can comply with the permit terms. Similarly, if the facility is operating under an expedited Class II operating permit, a modification would not be required as long as the facility continues to comply with the permit terms.

WITH KDHE AUTHORIZED SIGNATURE, THIS DOCUMENT WILL SERVE AS THE FACILITY PERMIT. PLEASE READ CAREFULLY.



Kansas Department of Health and Environment – Bureau of Air
1000 SW Jackson, Suite 310, Topeka, KS 66612
Phone: (785)296-1570 or 296-6024 Fax: (785)291-3953
EXPEDITED Application for Construction and/or Operating Permit
Concrete Batch Plant

This form is for Concrete Batch Plants. The facility shall submit this form, by mail or electronically to KDHE.BOAPermit@ks.gov , along with any requested or pertinent additional information. Any notifications, reports, or documentation shall be submitted to the above address. Please specify the type of document(s) you are applying for:

- Construction Permit for a Concrete Batch Plant under K.A.R. 28-19-300
- Class II Operating Permit for a Concrete Batch Plant under K.A.R. 28-19-540 and 541
- Combined Construction and Class II Operating Permit

A Class II Operating Permit is required if the concrete batch plant capacity exceeds 210 yd³/hour for truck mix or 365 yd³/hour for central mix.

Please specify the type of permit you are applying for: Portable Stationary

I. Facility Information

Company Name:		Source ID number (leave blank if new):
NAICS/SIC (primary codes): 327320 / 3273		
Source Location (for portable plants/facilities, please indicate the initial location below)		
Facility Name:		
Street Address:	County:	
City, State, Zip:	Section, Township, Range:	
Mailing Address (if different)		
Street Address:	City, State, Zip:	
Contact Information		
Name:	Telephone Number:	
Email:	Fax Number:	
Permit fee included (see fee calculation form) <input type="checkbox"/> Yes <input type="checkbox"/> No		
Please include facility/plant name on check.		

For KDHE Office Use Only	
This application and documentation has been reviewed and the listed equipment (or equivalent) is approved and permitted for construction under K.A.R. 28-19-300, and/or operation under K.A.R. 28-19-540 and 541.	
Source ID: _____	Permit Writer: _____
C#: _____ O#: _____	Signature: _____
D.O.: _____	Date: _____

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II. Significant Applicable Requirements

- A. K.A.R. 28-19-20 Particulate matter emission limitation
- B. K.A.R. 28-19-31 Indirect heating equipment emission limitations
- C. K.A.R. 28-19-650(a) Opacity requirements
- D. K.A.R. 28-19-9(c) Time schedule for compliance *(for portable facilities only)*

III. Concrete Batch Plant Information

A. Emission Unit Information

Please specify information for emissions units for which this application is submitted.

_____ Concrete Batch Plant Maximum Capacity (yd³/hour);
(Must be < 840 yd³ to apply for an expedited permit.)

Truck Mix Central Mix

Power source Grid Engine

If power source is an engine, is the engine portable and/or the batch plant portable? Yes No
(Either the engine or the batch plant must be portable to apply for an expedited permit.)

IV. Air Emission Limitations

- A. K.A.R. 28-19-650 limits opacity to 20% for sources constructed after January 1, 1971.
- B. K.A.R. 28-19-20 limits the quantity of particulate emissions from processing equipment in proportion to the rate at which materials are processed. The concrete batch plant is expected to comply with this regulation when operating according to **Section Class V Permit Conditions** and the manufacturer's specifications for the equipment.

V. Permit Requirements for Construction and Class II Operating Permits

A. Permit Conditions

1. Emissions shall be controlled at the truck mix loading by a baghouse if the capacity of a truck mix facility exceeds 160 cubic yards per hour. The baghouse shall be in place and continuously operating when the truck mix loading is in operation.
2. Emissions shall be controlled at the central mixer by a baghouse if the capacity of a central mix facility exceeds 290 cubic yards per hour. The baghouse shall be in place and continuously operating when the mixer is in operation.
3. If particulate control equipment is required above at items 1 and 2 of these permit conditions, a written air pollution control equipment maintenance plan shall be developed, implemented, and maintained to assure continued operation of the equipment consistent with the manufacturer's design efficiency as required in K.A.R. 28-19-501(d)(2).

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4. K.A.R. 28-19-650(a)(3) and K.A.R. 28-19-31(b)(2) limit opacity to 20%.
5. Particulate matter emissions from the concrete batch plant shall be limited by K.A.R. 28-19-20.
6. Particulate matter emissions from indirect heating equipment are limited by K.A.R. 28-19-31(a).

VI. Facility-wide Notification, Recordkeeping, and Reporting

- A. The owner or operator shall notify the Air Program Field Staff at the appropriate KDHE district or local office within 30 days of completing the installation and commencing operations of the concrete batch plant so that an evaluation maybe conducted. Please see map located at <http://www.kdheks.gov/bar/download/AQDistrictMaps.pdf> to determine the contact information for the appropriate district or local office.
- B. The owner or operator shall maintain a log showing the date of all routine or other maintenance, malfunction or repair of the air pollution control equipment, the nature of the action taken on such date and any corrective action or preventative measures taken.
- C. If the facility has applied for a Class II Operating Permit on page 1 of this document, the following condition applies. In accordance with K.A.R. 28-19-546, Class II Operating Permits; Annual Emissions Inventory, the owner or operator shall submit all operating or relevant information to estimate actual emissions from the source for the preceding calendar year to KDHE. This information shall be submitted on forms provided or approved by KDHE. If forms and instructions and not been received 30 days prior to the date specified under K.A.R. 28-19-546 (April 1 each year, or the next business day, as of the date of this document), the owner or operator shall contact KDHE.
- D. All records shall be updated monthly, no later than the last day of the month following the month to which the records relate. All records must be located at the facility, whenever operating at that facility, for a minimum period of 2 years after the date of the record.

VII. General Provisions

- A. This document shall become void if the construction or modification has not commenced within 18 months of the effective date, or if the construction or modification is interrupted for a period of 18 months or longer.
- B. A construction permit or approval shall be issued by KDHE prior to commencing any construction or modification of equipment or processes which results in PTE increases equal to or greater than the thresholds specified at K.A.R. 28-19-300.
- C. Upon presentation of credentials and other documents as may be required by law, representatives of the KDHE (including authorized contractors of the KDHE) shall be allowed to:

WITH KDHE AUTHORIZED SIGNATURE, THIS DOCUMENT WILL SERVE AS THE FACILITY PERMIT. PLEASE READ CAREFULLY.

1. enter upon the premises where a regulated facility or activity is located or conducted or where records must be kept under conditions of this document;
 2. have access to and copy, at reasonable times, any records that must be kept under conditions of this document;
 3. inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this document; and
 4. sample or monitor, at reasonable times, for the purposes of assuring compliance with this document or as otherwise authorized by the Secretary of the KDHE, any substances or parameters at any location.
- D.** The emission unit or stationary source which is the subject of this document shall be operated in compliance with all applicable requirements of the Kansas Air Quality Act and the federal Clean Air Act.
- E.** This document is subject to periodic review and amendment as deemed necessary to fulfill the intent and purpose of the Kansas Air Quality Statutes and Regulations.
- F.** This document does not relieve the permittee of the obligation to obtain any approvals, permits, licenses, or documents of sanction which may be required by other federal, state, or local agencies.

PLEASE READ

As provided for in K.S.A. 65-3008b(e), an owner or operator may request a hearing within 15 days after affirmations, modification or reversal of a permit decision pursuant to subsection (b) of K.S.A. 65-3008a. In the Request for Hearing, the owner or operator shall specify the provision of this act or rule and regulation allegedly violated, the facts constituting the alleged violation and secretary's intended action. Such a request must be submitted to: Director, Office of Administrative Hearings, 1020 S. Kansas Avenue, Topeka, Kansas 66612-1327. Failure to submit a timely request shall result in a waiver of the right to a hearing.

CERTIFICATION

If this application includes a Class II operating permit application, this form must be signed below by the **Responsible Official** as defined in K.A.R. 28-19-200. If only applying for a construction permit, a signature is required by an owner or operator, which may also be the Responsible Official. For a definition of responsible official, refer to K.A.R. 28-19-200.

I certify that I have read and understand the above requirements and conditions applicable to my source/facility and that the above information and attachments provided in this document are true, accurate, and complete to the best of my knowledge.

Signature: _____ Date: _____

Name: _____ Title: _____

PERMIT APPLICATION FEES FOR CONCRETE BATCH PLANTS

These requirements are found at K.A.R. 28-19-304(b) and K.A.R. 28-19-545.

Facility Name:

Source ID No: (leave blank if a new facility)

I. If a construction permit is required, enter \$1000.00 below.

Construction application fee

Please pay this amount --> \$

II. If a Class II operating permit is required, enter \$200.00 below.

Class II operating permit application fee

Please pay this amount --> \$

III. Add applicable construction and operating permit fees and submit total fee amount with your permit application.
The fee may be submitted by mail or by credit card. If paying by mail, send to:

KDHE Bureau of Air
Attn: Air Permitting Section
1000 SW Jackson, Suite 310
Topeka, KS 66605

Please include the name of the facility and Source ID Number, if you have been assigned one.

If you would like to pay by credit card, you may pay by phone by calling (785) 296-1570 or 296-6024.

Total Amount Due

Please pay this amount --> \$

KDHE District Offices and Local Agency Air Programs

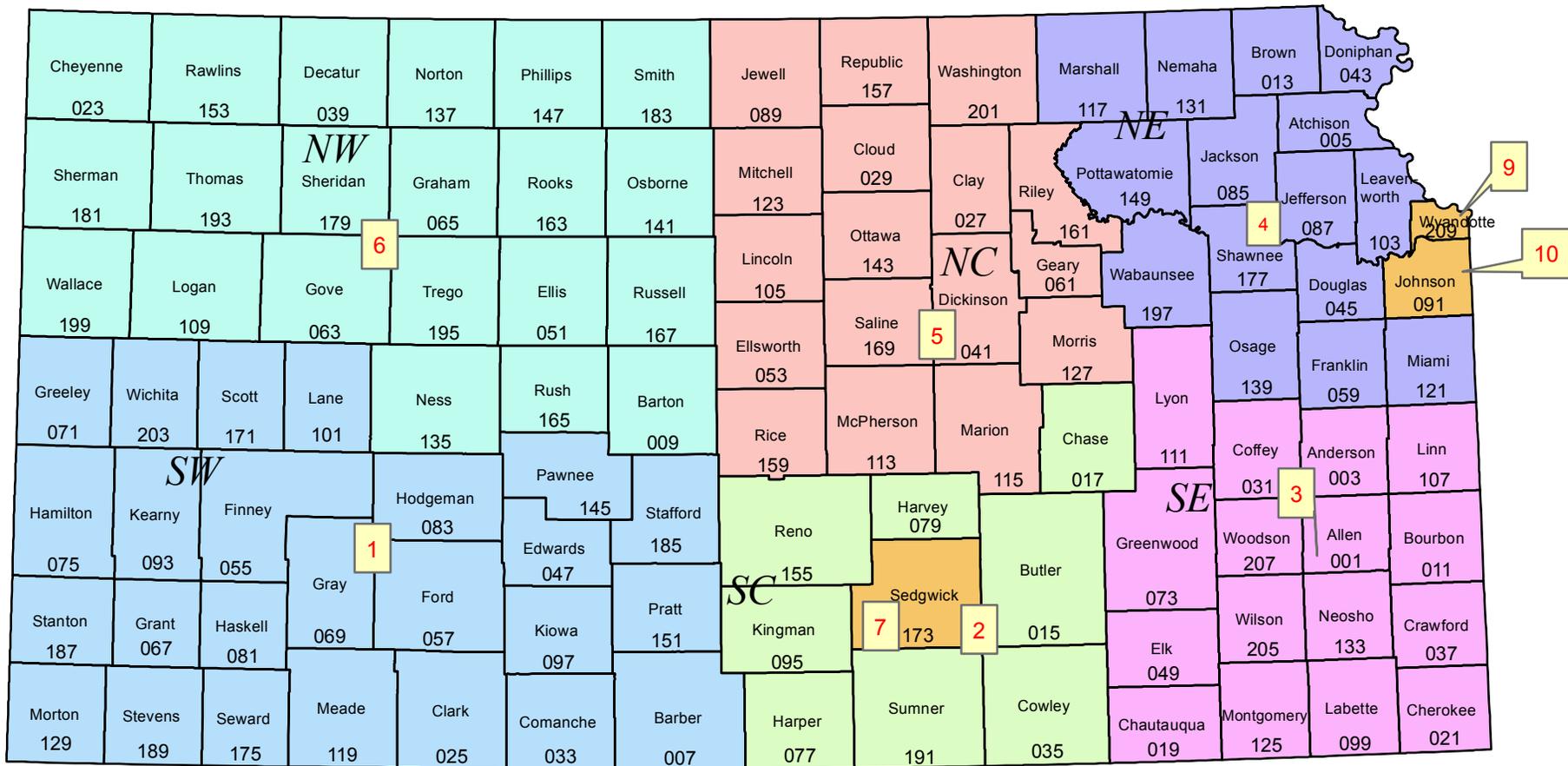
6 Larissa Parker
 Northwest Dist. Office
 2301 East 13th Street
 Hays, KS 67601-2651
 Ph: 785-625-5663
 Fax: 785-625-4005
 DEA: Dan Wells

5 Stan Marshall
 North Central Dist. Office
 2501 Market Place, Suite D
 Salina, KS 67401
 Ph: 785-827-9639
 Fax: 785-827-1544
 DEA: Jennifer Nichols

4 Pat Simpson
 Northeast Dist. Office
 800 West 24th Street
 Lawrence, KS 66046
 Ph: 785-842-4600
 Fax: 785-842-3537
 DEA: Julie Coleman

9 Bruce Andersen
 Unified Gov't of Wyandotte County-
 Kansas City, Kansas Health Dept.
 619 Ann Avenue
 Kansas City, KS 66101
 Ph: 913-573-6700
 Fax: 913-342-5634

10 Mike Boothe
 Johnson County Dept of
 Health & Environment
 11811 S. Sunset, Suite 2700
 Olathe, KS 66061
 Ph: 913-715-6939
 Fax: 913-715-6970



1 Ethel Evans
 Southwest District Office
 302 West McArtor Rd
 Dodge City, KS 67801-6098
 Ph: 620-225-3731
 DEA: Erich Glave

7 Randy Owen
 City of Wichita Env. Health
 1900 East 9th Street
 Wichita, KS 67214
 Ph: 316-268-8353
 Fax: 316-268-8390

2 David Butler
 South Central Dist. Office
 300 West Douglas Suite 700
 Wichita, KS 67202-2921
 Ph: 316-337-6042 (Dave)
 Ph: 316-337-6020 (Office)
 Fax: 316-337-6055
 DEA: Allison Herring

3 Doug Cole
 Southeast Dist. Office
 1500 West 7th Street
 Chanute, KS 66720-9701
 Ph: 620-431-2390
 Fax: 620-431-1211
 DEA: Victoria O'Brien



**Kansas Department of Health and Environment
Division of Environment
Bureau of Air**

RELOCATION NOTIFICATION

- 1) Source ID Number: _____

- 2) Company/Source Name: _____

- 3) K.A.R. 28-19-9(c) requires that written notice for moving subject equipment to another location be given to air quality official of the district to which the equipment is being relocated at least 10 days prior to commencing operations at the new location. Use the enclosed map to determine the appropriate address and telephone number of the district air quality at the new location. Complete the following information:
 - (a) Description of the equipment being moved: _____

 - (b) Descriptions of the old and new locations: _____

 - (c) Scheduled date that operations are to commence at the new location: _____
 - (d) Expected operating period at the new location: _____

- 4) If the facility plans to relocate to another state, please indicate the state and anticipated date of relocation/return to Kansas: _____