Air Quality Permit Application Form  
Concrete Plant  
Notice of Intent  
And  
Certification of Applicant Form  

(please complete shaded areas)  

SEND TO:  

SD Department of Environment and Natural Resources  
Air Quality Program  
523 East Capitol  
Pierre, South Dakota 57501-3181  

General Information:  

If permit is being renewed or amended, give existing permit number: 

1. Facility name?  
2. Mailing address?  
    Street and/or box number  
    City, state, zip code  
3. Facility location (if plant is portable, enter location at time of submittal)?  
    Street and city  
    Latitude, Longitude  
    Legal description and county  
    (Quarter, Section, Township, Range)  

(Quarter, Section, Township, Range)  
4. Standard Industrial Classification Code (SIC code)?  
    Primary SIC code:  Secondary SIC code (if applicable):  

Please contact the Department if unable to determine your SIC code.  

5. Permit contact?  
    Name/title:  
    Telephone number:  
6. Does the runoff enter into a municipal storm sewer (check one)?  
    Yes  No  
    If yes, what is the name of the city:  

7. Receiving water?  
    (Natural surface drainage that runoff is entering (i.e., draw, ditch, unnamed tributary, river, etc.))
Concrete Plant Information:

1. Facility identification?

2. Manufacturer?

3. Model number?

3. Check one:  
   - Stationary
   - Portable

4. Type of concrete batch plant (check one)?  
   - Redi-mix
   - Central mix

5. Maximum design operating rate?  
   - cubic yards per hour

6. Has a stack test been conducted on the concrete batch plant (check one)?  
   - Yes
   - No

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test:

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting:  

Y- Coordinate or Northing:  

Base Elevation of Stack:  

Stack Height:

Exit Stack Diameter

Exit Stack Temperature  

Exit Stack Velocity and/or Flow Rate:

Velocity:  

and/or

Flow Rate:  

1 - Portable concrete plants do not have to provide the requested information in these categories.

Control Equipment: If applicable, types of air pollution control equipment (Examples: baghouse, cyclone, wet scrubber, electrostatic precipitator, thermal oxidizer, miscellaneous control device, etc.).

Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Please check the process(es) controlled by the air pollution control equipment indicated above:

- Sand/aggregate transportation
- Weigh hopper
- Mixer
- Truck loading
- Other (specify):
Cement and Fly Ash Unloading System:

1. Check the appropriate unloading system:
   - Pneumatic
   - Bucket elevator

2. Amount of cement each truck contains?
   - tons or cubic yards

3. Amount of fly ash each truck contains?
   - tons or cubic yards

4. How long does it take to unload a cement truck?
   - minutes

5. How long does it take to unload a fly ash truck?
   - minutes

6. Number of silos?

7. Type of air pollution control equipment for silo’s?
   (Examples: cyclone, dust house, fabric filter, enclosed building, etc.)

   Please complete the appropriate air quality permit application form for each type of control equipment that controls air emissions from this operation.

Generator (if applicable):

1. Facility identification (e.g. Generator #1, etc.):

2. Manufacturer:

3. Model number:

4. Type (e.g. compression ignition, spark ignition, fire pump, etc.)

5. Maximum designed operating rate (name plate):
   - horsepower with generator efficiency:
   - mechanical kilowatts with generator efficiency:

6. Check the appropriate box(es) for primary and secondary fuels:
   - Natural gas
   - Distillate oil
   - Residual oil
   - Propane
   - Other (e.g. coal, wood, etc.)

   Sulfur content
   - Weight percent

7. Is the unit equipped with a non-settable clock?
   - Yes
   - No

8. Manufacture date?
   - If the manufacture date is prior to July 11, 2005, skip to Question #11

9. Will the unit operate more than 100 hours per year?
   - Yes
   - No

   If yes proceed to Question #10, if no skip to Question #11.

10. If the generator operates more than 500 hours per year and the manufacture date is after July 11, 2005, will crankcase emissions be controlled?
    - Yes
    - No
    - If yes, please explain:
11. Does the emergency generator operate less than 500 hours per year?  

If yes, skip to Question #14, if no proceed to Question #12

12. What is the displacement of the unit in liters? 

13. How many cylinders does the unit have? 

14. Please list the Manufacturer Guaranteed Emission Rates or Tier Emission Standards and attach supporting documentation in g/KW-hr or g/HP-hr. (circle the units reported for emissions)

<table>
<thead>
<tr>
<th>NMHC + NO(_X)</th>
<th>NO(_X)</th>
<th>HC</th>
<th>CO</th>
<th>PM</th>
<th>Tier (if applicable)</th>
</tr>
</thead>
</table>

15. Has a stack test been conducted (check appropriate box)?

If a stack test has been conducted, please attach a copy of the most recent stack test report to this application. If the Department already has a copy of the most recent stack test, please specify the date of most recent stack test.

Date of most recent stack test: 

Stack Height:

Exit Stack Diameter:

Exit Stack Temperature:

Exit Stack Velocity and/or Flow Rate:

Velocity: feet per second meters per second and/or

Flow Rate: actual cubic feet per minute actual cubic meters per second

Map: Attach a map showing the current location of the plant.

Certification:

This application is submitted in accordance with the provisions of the South Dakota Air Pollution Control Regulations, ARSD 74:36 and the South Dakota Surface Water Discharge Permit Regulations, ARSD 74:03:18:48.

"I certify that to the best of my knowledge, after reasonable inquiry, the statements and information contained in the application and supporting documents are true, accurate, and complete. In accordance with South Dakota Codified Laws 1-40-27, I have also enclosed a completed Certification of Applicant form.

Signature: 

Print Name: 

Date

Responsible Official
In the Matter of the Application of ____________________________

(Facility Name)

State of ____________________________

County of ____________________________

I, ____________________________, the applicant in the above matter after being duly sworn upon oath hereby certify the following information in regard to this application:

South Dakota Codified Laws Section 1-40-27 provides:

"The secretary may reject an application for any permit filed pursuant to Titles 34A or 45, including any application by any concentrated swine feeding operation for authorization to operate under a general permit, upon making a specific finding that:

(1) The applicant is unsuited or unqualified to perform the obligations of a permit holder based upon a finding that the applicant, any officer, director, partner or resident general manager of the facility for which application has been made:

(a) Has intentionally misrepresented a material fact in applying for a permit;
(b) Has been convicted of a felony or other crime involving moral turpitude;
(c) Has habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage;
(d) Has had any permit revoked under the environmental laws of any state or the United States; or
(e) Has otherwise demonstrated through clear and convincing evidence of previous actions that the applicant lacks the necessary good character and competency to reliably carry out the obligations imposed by law upon the permit holder; or

(2) The application substantially duplicates an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Nothing in this subdivision may be construed to prohibit an applicant from submitting a new application for a permit previously denied, if the new application represents a good faith attempt by the applicant to correct the deficiencies that served as the basis for the denial in the original application.
All applications filed pursuant to Titles 34A and 45 shall include a certification, sworn to under oath and signed by the applicant, that he is not disqualified by reason of this section from obtaining a permit. In the absence of evidence to the contrary, that certification shall constitute a prima facie showing of the suitability and qualification of the applicant. If at any point in the application review, recommendation or hearing process, the secretary finds the applicant has intentionally made any material misrepresentation of fact in regard to this certification, consideration of the application may be suspended and the application may be rejected as provided for under this section.

Applications rejected pursuant to this section constitute final agency action upon that application and may be appealed to circuit court as provided for under chapter 1-26.”

Pursuant to SDCL 1-40-27, I certify that I have read the forgoing provision of state law, and that I am not disqualified by reason of that provision from obtaining the permit for which application has been made.

Dated this ______________, day of ______________, 20__

Applicant (signature)

Subscribed and sworn before me this:

Dated this ______________, day of ______________, 20__

Notary Public (signature)

My commission expires: ______________

(SEAL)

PLEASE ATTACH SHEET DISCLOSING ALL FACTS PERTAINING TO SDCL 1-40-27 (1) (a) THROUGH (e). ALL VIOLATIONS MUST BE DISCLOSED, BUT WILL NOT AUTOMATICALLY RESULT IN THE REJECTION OF AN APPLICATION.