

SPECIAL CONDITIONS

Permit Number 76663L003

EMISSION STANDARDS

1. This permit covers only those sources of emissions listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and those sources are limited to the emission limits and other conditions specified in the attached table.
2. This permit does not authorize the operation of an internal combustion engine in conjunction with this facility. The holder of this permit shall obtain prior authorization for any engine which remains or will remain at a single point or location for more than 12 consecutive months. Any portable engine which remains or will remain at a single point or location for less than or equal to 12 consecutive months is not considered stationary and no authorization is required. **(4/07)**

OPACITY/VISIBLE EMISSION LIMITATIONS

3. No visible fugitive emissions shall leave the property. Visible emissions shall be determined by a standard of no visible emissions exceeding 30 seconds in duration in any six-minute period as determined using the U.S. Environmental Protection Agency (EPA) Test Method (TM) 22 or equivalent. **(4/07)**
4. Opacity of emissions from the cement/fly ash storage silo, cement weigh hopper, and truck batch drop shall not exceed 5 percent averaged over a six-minute period as determined by EPA TM 9 or equivalent.

OPERATIONAL LIMITATIONS, WORK PRACTICES, AND PLANT DESIGN

5. As represented by the applicant, the following shall occur:
 - A. Production is limited to 80 cubic yards per hour (yd³/hr) and 160,000 cubic yards per year (yd³/yr). **(4/07)**
 - B. Additives represented for use do not contain volatile organic compounds.
 - C. All in-plant roads and traffic areas associated with the operation of the concrete batch plant shall be sprayed with water and/or environmentally sensitive chemicals upon detection of visible particulate emissions to maintain compliance with all the Texas Commission on Environmental Quality (TCEQ) rules and regulations.

- D. All stockpiles shall be sprinkled with water and/or other dust suppressants to maintain compliance with TCEQ rules and regulations.
 - E. All bulk storage silos shall be equipped with a fabric filter baghouse designed to meet at least 0.01 outlet grain loading (grains/dry standard cubic feet). **(4/07)**
 - F. A visible and/or audible warning device shall be installed on each cement and/or fly ash silo to warn operators that the silo is full to prevent overloading.
 - G. The cement weigh hopper shall be enclosed and vented to its own fabric filter baghouse designed to meet at least 0.01 outlet grain loading (grains/dry standard cubic feet). **(4/07)**
 - H. The truck drop point shall be controlled by a water fog ring having low velocity fog nozzles spaced to create a continuous fog curtain that controls dust emissions.
- 6. Spillage of cement, fly ash, and any other chemical admixture used in the batch shall be cleaned up or controlled to maintain compliance with TCEQ rules and regulations.
 - 7. Raw material and product stockpile heights shall not exceed 45 feet unless otherwise specified.
 - 8. All stationary equipment authorized by this permit shall be prominently marked to show the assigned TCEQ regulated entity number or permit number, excluding the location suffix (example: L001). These markings must be clearly visible. These identification markings shall be removed from the equipment when it is no longer authorized by the TCEQ.

MOVEMENT OF A PORTABLE FACILITY (10/05)

- 9. The following are requirements for movement of portable plants:
 - A. Prior to moving permitted plants or sources to any new site (even if authorization for the site has previously been granted), the holder of the permit shall request relocation or change of location authorization and obtain written approval from a delegated representative of the TCEQ Executive Director. Additionally, once construction has begun at any site, the applicant shall notify the appropriate TCEQ Regional Office and local air pollution control programs in writing of the actual dates of start of construction and operation.

B. The appropriate TCEQ Regional Office may approve the following types of relocations:

- (1) A permitted plant and associated equipment to be located temporarily* in the right-of-way, or contiguous to the right-of-way, of a public works project, or

*Note: A temporary plant is one that occupies a designated site for not more than 180 consecutive days or supplies materials for a single project (single contract or same contractor for related project segments, but not other unrelated projects. **(4/07)**)

- (2) A portable concrete batch plant moving to a site where a portable facility has been located at the site at any time during the previous two years.

C. If the holder of the permit meets either (1) or (2) above, then they shall submit a request letter to the appropriate TCEQ Regional Office prior to relocating. After evaluating the relocation request, the TCEQ Regional Office will send a written response to the permit holder. The permit holder shall submit the following information to the TCEQ Regional Office:

- (1) Company name, address, company contact, and telephone number;
- (2) Copy of existing permit conditions and the maximum allowable emission rates table that are in effect for the permitted facility;
- (3) TCEQ account, regulated entity number, customer reference number, and permit numbers;
- (4) Location descriptions of the proposed site (city, county, and exact location description);
- (5) A plot plan to scale that identifies the location of all equipment and stockpiles and that the required distances to the property lines can be met;
- (6) A scaled area map that identifies the distance and direction to the closest off-property receptor (if required) and clearly indicates how the facility is contiguous or adjacent to a public works project (if required);

- (7) Proposed date for start of construction and expected date for start of operation;
 - (8) Expected time period at the proposed site; and
 - (9) If applicable, the permit number of the plant that was located at the proposed site in the last two years.
- D. To move a permitted concrete batch plant and associated equipment to a site that does not meet either 9B(1) or 9B(2), the holder of this permit shall submit a change of location request to the TCEQ Air Permits Division, c/o Air Permits Initial Review Team, MC-161, P.O. Box 13087, Austin, Texas 78711-3087 using Form PI-1, along with all supporting documents. In accordance with the Texas Health and Safety Code § 382.056, the applicant may be required to publish public notice prior to being authorized for a change of location to a new site.
- E. All relocation and change of location applications shall comply with the following conditions.
- (1) This concrete batch plant and all associated facilities and sources (silos, conveyors, screens, and equipment) shall be located a minimum of 100 feet from the property line and at least 550 feet from another concrete batch, rock crushing plant, or hot mix asphalt plant. **(4/07)**
 - (2) Stockpiles and vehicle traffic areas (except for entrance and exit to the site) shall be located at least 25 feet from any property line. In lieu of meeting the distance requirements for roads and stockpiles, the following may occur:
 - a. Roads and other traffic areas within the buffer distance must be bordered by dust suppressing fencing or other barrier along all traffic routes or work areas. These borders shall be constructed to a height of at least eight feet; and
 - b. Stockpiles within this buffer distance must be contained within a three-walled bunker which extends at least two feet above the top of the stockpile.

DETERMINATION OF COMPLIANCE

10. Upon request by the TCEQ Regional Director having jurisdiction, the holder of this permit shall perform ambient air monitoring, or other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere.

RECORDKEEPING REQUIREMENTS

11. In addition to the record keeping requirements specified in General Condition No. 7, the following records shall be kept and maintained on-site for a rolling 24-month period: **(4/07)**
 - A. Concrete production in units of yd^3/hr and yd^3/yr ;
 - B. Records of all repairs and maintenance of abatement systems; and
 - C. Records of daily road cleaning, daily application of road dust control, or daily road maintenance for dust control.

Dated September 26, 2008