



## Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

The following checklist has been developed so the Texas Commission on Environmental Quality (TCEQ), Air Permits Division (APD) can confirm the concrete batch plant meets the standard permit requirements. Please read all questions and check "YES," "NO," or "N/A" or give specific information for the facility. If the concrete batch plant does not meet all conditions of this standard permit, it will not be allowed to operate under the standard permit and must apply for a case-by-case preconstruction permit as required under Title 30 Texas Administrative Code § 116.111 (30 TAC § 116.111).

Check the facility type authorized:		
<input type="checkbox"/> Specialty (Complete Sections 1-4)	<input type="checkbox"/> Permanent Plant (Complete Sections 1-3 and 6)	
<input type="checkbox"/> Temporary Plant (Complete Sections 1-3 and 5)		
CONDITION NUMBER AND DESCRIPTION		
(1)(A)	Is the registration Form PI-1S-CBP entitled "Air Quality Permit Registration for Concrete Batch Plants," Table 20 for Concrete Batch Plants, and supporting information attached or mailed to the TCEQ, including air emission estimates, control devices and methods, process description, plot plan, and area map?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will copies of all information be mailed to Air Permits Division, regional office and applicable local programs?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(B)	Was the \$900 fee sent to TCEQ Revenue Section? (If "N/A," the answer to (2) must be "YES.")	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(C)	Has construction and/or operation begun on the facility?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(D)	Was a registration submitted to TCEQ after September 1, 2000?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(E)	Has air dispersion modeling been submitted as a part of this registration?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(F)	Will records be maintained on-site to show hourly production and kept for 24 months or the duration of operation at this site?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(2)	Will a temporary facility be located contiguous in or adjacent to the right-of-way of a public works project or related project segments? (If "YES," public notice is not required)	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(A)	Will all cement/flyash storage silos and weigh hoppers be vented to a fabric or cartridge filter system?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(B)(i)	Will fabric/cartridge filter systems and suction shroud be operated properly with no tears or leaks?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(B)(ii)	Will all filter systems be designed to meet at least 0.01 grains per dry standard cubic feet (gr/dscf) outlet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(B)(iii)	Will all filter systems and mixer/truck loading control devices meet visible emissions performance standards?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(B)(iv)	Will cement and/or flyash silo filter exhausts be equipped with sufficient illumination to observe visible emissions performance if filled during non-daylight hours?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(C)(i)	Will conveying systems to and from the silos be totally enclosed and maintained with no tears or leaks?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(C)(ii)	During cement/flyash storage silo filling, except for connecting or disconnecting, will visible emissions exist for more than 30 seconds in any six-minute period from the conveying system?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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(3)(D)	Will a warning device be installed on each bulk storage silo to alert operators in sufficient time so the loading operation can be stopped prior to over-filling and potential failure of the filter systems?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(3)(E)(i)	Will all in-plant roads be covered with a material such as roofing shingles or tire chips?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
	Will all traffic areas be covered with a material such as roofing shingles or tire chips?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(3)(E)(ii)	Will all in-plant roads be treated with dust-suppressant chemicals?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
	Will all traffic areas be treated with dust-suppressant chemicals?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(3)(E)(iii)	Will all in-plant roads be watered?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
	Will all traffic areas be watered?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(3)(E)(iv)	Will all in-plant roads be paved with a cohesive hard surface that is maintained intact and cleaned?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
	Will all traffic areas be paved with a cohesive hard surface that is maintained intact and cleaned?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(3)(F)	Will dust emissions from all stockpiles be minimized at all times by sprinkling with water, dust-suppressant chemicals, or covers?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(3)(G)	Will all material spills be immediately cleaned up and contained or dampened so dust emissions are minimized?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
<b>(4)</b>	<b>Specialty Plants</b>			
(4)(A)	Will the site production rate exceed 30 cubic yards per hour (cy/hr)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(4)(B)	Will the cement/flyash weigh hopper be vented to a fabric or cartridge filter system?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
	Is the cement/flyash weigh hopper vented inside the batch mixer?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(4)(C)(i)	Will dust emissions at the mixer feed be controlled by a spray device which eliminates visible emissions?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(4)(C)(ii)	Will dust emissions at the mixer feed be controlled by a pickup device delivering air to a filter?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(4)(C)(iii)	Will dust emissions at the mixer feed be controlled by an enclosure on the mixer feed so that no visible emissions occur?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(4)(C)(iv)	Will dust emissions at the mixer feed be controlled by conducting the entire mixing operation inside the enclosed process building such that no visible emissions from the building occur during mixing activities?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
(4)(D)	Will vehicles used for the operation of the concrete batch plant, except incidental traffic and the entrance and exit to the site, be operated at least 25 feet from any property line?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
	In lieu of meeting the 25-foot distance requirement, will the roads and other traffic areas within the buffer distance be bordered by dust preventive fencing or other barrier along all traffic routes or work areas? <i>(These borders shall be constructed to a height of at least 12 feet.)</i>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
<b>(5)</b>	<b>Temporary Plants</b>			
	Will this plant occupy the designated site for not more than 180 consecutive days, or will the plant supply concrete for a single project, but not other unrelated projects?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A

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(5)(A)	Will the site production rate exceed 300 cubic yards per hour (cy/hr)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(B)(i)	Will the facility occupy the site for less than 180 consecutive days?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will the production rate exceed 200 cy/hr?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will the facility load rotary mix trucks through a discharge spout equipped with a water fog ring having low-velocity fog nozzles spaced to create a continuous fog curtain that minimizes dust emissions? ( <i>If yes, plant is limited to a maximum of 180 days at the site.</i> )	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will the water fog ring meet the specified visible emissions performance standards?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(B)(ii)	Will the facility use a suction shroud and fabric filter/cartridge filter system?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will the suction shroud or other pickup device be installed at the batch drop point/mixer feed?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will the suction shroud be vented to a fabric or cartridge filter system with a minimum of 4,000 actual cubic feet per minute (acfm)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(C)(i)	Will the suction shroud baghouse exhaust or truck drop point be located at least 100 feet from any property line?  <i>Note: For concrete batch plants which supply concrete for a single public works project, the "property line" measurements for purposes of compliance with this standard permit and 30 TAC § 111.155 shall be made to the outer boundaries of the designated public property, roadway project and associated rights-of-way.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(C)(ii)	If the facility is equipped with a water fog ring, will the truck drop point be a minimum of 300 feet from the nearest off-property non-industrial receptor? ( <i>Non-industrial receptors include, but not limited to, single family or, multifamily residence, school, or place of worship.</i> )	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(C)(iv)	If the concrete batch plant production rate is less than or equal to 200 cy/hr, will all stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 25 feet from any property line?  <i>Note: For concrete batch plants which supply concrete for a single public works project, the "property line" measurements for purposes of compliance with this standard permit and 30 TAC § 111.155 shall be made to the outer boundaries of the designated public property, roadway project and associated rights-of-way.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(C)(v)	If the concrete batch plant production rate is greater than 200 cy/hr and less than or equal to 300 cy/hr, will all stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 50 feet from any property line?  <i>Note: For concrete batch plants which supply concrete for a single public works project, the "property line" measurements for purposes of compliance with this standard permit and 30 TAC § 111.155 shall be made to the outer boundaries of the designated public property, roadway project and associated rights-of-way.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(D)(i)	In lieu of meeting the distance requirements in (5)(C)(iv) or (v), will the roads and other traffic areas within the buffer distance be bordered by dust preventive fencing or other barrier along all traffic routes or work areas? ( <i>These borders shall be constructed to a height of at least 12 feet.</i> )	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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(5)(D)(ii)	In lieu of meeting the distance requirements in (5)(C)(iv) or (v), will stockpiles within this buffer distance be contained within a three-walled bunker which extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(E)	If you have previously registered for this standard permit, do you now intend to relocate to a public works project where the plant will be in or contiguous to the right-of-way of the project?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	If so, have you sent a letter requesting this relocation with the required information to the appropriate regional and local programs at least 30-days in advance of your move?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>(6) Permanent Plants</b>		
(6)(A)	Will the site production rate exceed 300 cubic yards per hour (cy/hr)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(6)(B)	Will a suction shroud or other pickup device be installed at the truck drop point or drum feed?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will the suction shroud or device be vented to a fabric or cartridge filter system with a minimum of 4,000 actual cubic feet per minute (acfm)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(6)(C)	Will all entry and exit roads and main traffic routes associated with the operation of the concrete batch plant (including batch truck and material delivery truck roads) be paved with a cohesive hard surface that can be maintained intact and cleaned?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will all batch trucks and material delivery trucks remain on a paved surface when entering, conducting primary function, and leaving the property?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Will all other traffic areas comply with the control requirements of paragraph (3)(E)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(6)(D)(i)	Is the suction shroud baghouse exhaust at least 100 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(6)(D)(iii)	If the concrete batch plant production rate is less than or equal to 200 cubic yards per hour (cy/hr), will all stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 25 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(6)(D)(iv)	If the concrete batch plant production rate is greater than 200 cy/hr and less than or equal to 300 cy/hr, will all stationary equipment, stockpiles, and vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 50 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(6)(E)(i)	In lieu of meeting the distance requirements in (6)(D)(iii) or (iv), will the roads and other traffic areas within the buffer distance be bordered by dust preventive fencing or other barrier along all traffic routes or work areas? <i>(These borders shall be constructed to a height of at least 12 feet.)</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(6)(E)(ii)	In lieu of meeting the distance requirements in (6)(D)(iii) or (iv), will stockpiles within this buffer distance be contained within a three-walled bunker which extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A