



Small Business & Local Government Assistance Concrete Batch Plant Compliance Checklist

This checklist is for guidance purposes only. It is not a substitute for the rules and regulations. The Small Business & Local Government Assistance (SBLGA) Program is an independent section, separate from enforcement of the Texas Commission on Environmental Quality (TCEQ). Contact SBLGA on its toll-free hotline 800-447-2827 or on the [SBLGA Web site](#).

Company Information		___ 1 st visit	___ 2 nd visit	___ C2 Renewal	Site Visit Date: _____
Company Name		Facility Contact			
Mailing Address		Physical Address			
		County			
Owner's Name		Business Phone			
Date of Construction		Primary SIC			
Start of Operation		Secondary SIC			
Latitude		Longitude			

IMPORTANT NOTES:

- Compliance related questions are denoted with a checkmark (✓). Answering “no” to a question with a checkmark may mean the facility is out of compliance with state or federal environmental rules.
- Have there been any process changes since the last site visit? Y* / N
*If yes, explain the changes and include the date of changes in the comments.

Air Regulations – Authorizations can be obtained in one of three ways:				
<ul style="list-style-type: none"> • Permit by Rule (PBR) • Standard Permit • New Source Review (NSR) Permit 				
		Yes	No	N/A
1	Does this facility have an air account number? If yes, Account No. _____			
2✓	Does this facility have an air permit? If yes, Permit No. _____			
3✓	If yes: Does the facility comply with all permit conditions? (Use comments section)			
4✓	Does the facility claim a Permit by Rule (PBR)?			
5	If yes: Does the facility meet all requirements of the PBR(s) claimed? See below.			
	✓ <input type="checkbox"/> 106.265 – Hand-held and Manually Operated Machines			
	✓ <input type="checkbox"/> 106.412 – Fuel Dispensing			
	✓ <input type="checkbox"/> 106.472 – Organic and Inorganic Liquid Loading and Unloading			
	✓ <input type="checkbox"/> Other/Previous PBR: _____			
	✓ <input type="checkbox"/> Other/Previous PBR: _____			
	✓ <input type="checkbox"/> Other/Previous PBR: _____			

6✓	Does the facility maintain records that demonstrate compliance as required by 30 TAC 106.8 for all PBRs?			
7✓	Does the facility avoid being a nuisance (noise, dust, odor, etc)?			
Air Regulations		Yes	No	N/A
<p>Unauthorized permanent concrete batch plants operating on or after 1985 may obtain air permit approval by either of the two following standard permits:</p> <ul style="list-style-type: none"> • Air Quality Standard Permit for Concrete Batch Plants (CBP) effective July 10, 2003; or • Air Quality Standard Permit for Concrete Batch Plants with Enhanced Controls (CBPEC) effective August 16, 2004. 				
8✓	Is the facility currently registered under one of the standard permits for concrete batch plants in accordance with 30 TAC 116.611?			
9✓	Are records maintained on-site for a rolling 24-month period while the plant is in operation?			
10✓	Are records maintained for each hour of plant operation to indicate the site production does not exceed 300 cubic yards per hour?			
11✓	Are all cement/fly ash storage silos and weigh hoppers vented to a fabric or cartridge filter systems?			
12✓	Are the fabric/cartridge filter systems and suction shroud operated properly with no tears or leaks?			
13✓	Are all filter systems, except the suction shroud filter system, designed to meet at least 0.01 grain/dry standard cubic foot outlet?			
14	Do all filter systems and mixer/truck loading control devices meet visible emissions performance standards?			
	a. ✓ CBPEC – no visible emissions exceeding 30 seconds in any six-minute period.			
	b. ✓ SPCBP – no visible emission exceeding 30 seconds in any six-minute period.			
15✓	Are cement and/or fly ash silo filter exhausts equipped with sufficient illumination to observe visible emissions performance if the silo(s) are filled during non-daylight hours?			
16✓	Are the conveying systems to and from the silos totally enclosed and maintained with no tears or leaks?			
17✓	During cement/fly ash storage silo(s) filling, except for connecting or disconnecting, are visible emission standards met for the conveying system?			
18✓	Is a warning device installed on each bulk storage silo to alert operators in sufficient time so the loading operation can be stopped prior to over-filling and failure of the filter systems?			
19✓	Is each road, parking lot, or other area at the plant site that is used by vehicles paved with a cohesive hard surface and properly maintained, cleaned, and watered so as to minimize dust emissions?			
20✓	Are dust emissions from all stockpiles minimized at all times by sprinkling with water, dust-suppressant chemicals, or covers?			
21✓	Are all material spills immediately cleaned up and contained or dampened so dust emissions are minimized?			
22✓	Does the production of concrete at the site not exceed 300 cubic yards per hour?			

23✓	Is a suction shroud or other pickup device installed at the batch drop point (or drum feed)? a.✓ CBP – Does it vent to a fabric or cartridge filter system with a minimum of 4,000 actual cubic feet per minute (acfm) of air? b.✓ CBPEC – Does it vent to a fabric or cartridge filter system with a minimum of 5,000 acfm of air?			
24✓	CBPEC – Is the bag filter and capture system properly designed to accommodate the increased flow from the suction shroud and achieve a control efficiency of at least of 99.5%			
25✓	Is the suction shroud baghouse exhaust located at least 100 feet from any property line?			
26	Are stationary equipment, stockpiles, and vehicles used at the plant, except for incidental traffic and vehicles as they enter and exit the site, located or operated: a. ✓ CBPEC - more than 100 feet from any property line? b. ✓ CBP - more than 100 feet from any property line? c. ✓ Specialty Plant Concrete Batch Plant (SPCBP) - more than 25 feet from any property line for facilities with production rates less than 30 cubic yards per hour? d. ✓ Temporary Concrete Batch Plant (TCBP) - more than 25 feet from any property line for facilities with production rate less than or equal to 200 cubic yards per hour? e. ✓ Temporary Concrete Batch Plant (TCBP) - more than 50 feet from any property line for facilities with production rate more than 200 cubic yards per hour and less than or equal to 300 cubic yards per hour?			
27	In lieu of meeting the distance requirements above: a. ✓ Is each road, parking lot, and other traffic bordered by dust-suppressing fencing or another barrier at least 12 feet high? b. ✓ Are stockpiles contained within a three-walled bunker, which extends at least two feet above the top of the stockpile?			
28✓	CBPEC only – Is the plant located in an area subject to municipal zoning regulations? (If there are no municipal zoning, the central baghouse will be located at least 440 yards from any building used as a single of multi-family residence, school or place of worship.)			

Air Regulations (Chapter 101) – Emission, Maintenance, Start-up, Shutdown

Non Attainment Areas			Early Action Compact Areas		Maintenance Area	Other Areas
Brazoria	Ft. Bend	Liberty	Bastrop	Hays	Victoria	Nueces San Patricio
Chambers	Galveston	Montgomery	Bexar	Rusk		
Collin	Hardin	Orange	Caldwell	Smith		
Dallas	Harris	Parker	Comal	Travis		
Denton	Jefferson	Rockwall	Gregg	Upshur		
El Paso	Johnson	Tarrant	Guadalupe	Williamson		
Ellis	Kaufman	Waller	Harrison	Wilson		

Air Regulations (Chapter 101)		Yes	No	N/A
29✓	Does the facility track all reportable and non-reportable emission events and report them to TCEQ by March 31 of each year? (101.201)			
30✓	Does the facility track all reportable and non-reportable scheduled maintenance, start-up, and shut-down activities and report them to TCEQ by March 31 of each year? (101.211)			
31✓	Are all records maintained for a minimum of 5 years?			

Air Regulations (30 TAC 115 Regulations)

In addition to any other requirements, coating, solvent using, and degreasing processes in the following counties must meet the requirements outlined in this section.

Beaumont/Port Arthur Area	Dallas/Ft. Worth Area		Houston/Galveston Area		El Paso Area	Other	
Hardin Orange Jefferson	Collin Denton Dallas Tarrant Ellis	Johnson Kaufman Parker Rockwall	Brazoria Chambers Fort Bend Galveston	Harris Liberty Montgomery Waller	El Paso	Bastrop Bexar Caldwell Comal Gregg Guadalupe	Hays Nueces Travis Victoria Williamson Wilson

Air Regulations (Federal and 30 TAC 111, 113, 115, 117 Requirements)		Yes	No	N/A
32✓	If the facility is a source of hazardous air pollutants (HAPs), do they comply with any applicable National Emission Standards for Hazardous Air Pollutants (NESHAP)? http://epa.gov/ttn/atw/mactfnlalplh.html			
33✓	Does the facility comply with any applicable 30 TAC 111 requirements? (Control of Air Pollutants from Visible Emissions and Particulate Matter)			
34✓	Does the facility comply with any applicable 30 TAC 113 requirements? (Standards of Performance for HAPs)			
35✓	Does the facility comply with any applicable 30 TAC 115 requirements? (Control of Air Pollutants from Volatile Organic Compounds)			
36✓	Does the facility comply with any applicable 30 TAC 117 requirements? (Control of Air Pollutants from Nitrogen Compounds)			

Petroleum Storage Tanks (PST) Regulations		Yes	No	N/A
37	a. ✓ Are all regulated USTs and ASTs registered with the TCEQ?			
	b. ✓ Are all active USTs containing motor fuel self-certified?			
	c. ✓ Is a TCEQ delivery certificate posted at the facility?			
38✓	Are the appropriate records being maintained for the recordkeeping requirements of 30 TAC 334.10?			
39✓	Have all motor fuel USTs been properly labeled?			
40✓	Is the facility involved in retail sales and required to keep Inventory Control records?			
41✓	Do all USTs meet TCEQ requirements for corrosion protection, spill and overfill prevention, leak detection, financial assurance, etc.?			

42	Do any of the following conditions exist regarding storage tanks? Check all that apply. <input type="checkbox"/> Total aboveground capacity of the facility is greater than 1,320 gallons? <input type="checkbox"/> Total capacity in underground tanks is greater than 42,000 gallons?			
43	If yes, does the facility have a Spill Prevention Control & Countermeasure (SPCC) Plan? Contact the USEPA Region 6 Office in Dallas at (214) 665-2277.			
44✓	Does the facility have an exemption for Stage II or meet Stage I and Stage II requirements if necessary?			
Waste Regulations (General Requirements)		Yes	No	N/A
45✓	Has the facility performed a hazardous waste determination on all solid waste streams?			
46✓	Does the facility maintain documentation to support all hazardous waste determinations?			
47✓	Does the facility have records of monthly waste generation to support its claimed generator status? Indicate the generator status claimed.			
48✓	Has the facility reconciled their manifests with their records of generation to verify the amounts of waste transported off-site and disposed of? (335.9, 335.69)			
49✓	Is this facility registered with the TCEQ as a hazardous waste generator? (not required for CESQG) TCEQ Registration No. _____ EPA ID _____			
50	Is the facility an industrial waste generator?			
51✓	If yes, is all non-hazardous waste classified as Class 1, Class 2, and Class 3?			
52✓	If this facility generates greater than 220lbs of Class 1 waste are they registered with the TCEQ? (Only required if not already registered as a SQG or LQG)			
53✓	Is the facility's Notice of Registration (NOR) up to date, including all waste streams and waste management units? (Not required for CESQG)			
54✓	Has the facility submitted an Annual Waste Summary each year? (Not required for CESQG)			
55✓	Does the facility fulfill all other recordkeeping and reporting requirements for its generator status?			
Waste Regulations (On-Site Accumulations Requirements)		Yes	No	N/A
56✓	Does the facility comply with appropriate accumulation time requirements?			
57✓	Does the facility comply with appropriate accumulation quantity requirements?			
58	Is hazardous waste accumulated in tanks at the facility?			
59	a. ✓ Has the tank system's integrity been assessed and certified by an independent, qualified, registered professional engineer? (LQG only)			
	b. ✓ Are tanks labeled with the words "hazardous waste"?			
	c. ✓ Are records kept of daily tank inspections?			

	d. ✓ Do tanks have a secondary containment system designed to contain 100% of the largest tank within its boundaries? (LQG only – 40 CFR 265.193(e))			
	e. ✓ If yes, is the secondary containment either designed or operated to prevent run-on or infiltration of precipitation into the secondary containment system or have sufficient excess capacity to contain run-on or infiltration of precipitation from a 25 year 24 hour rainfall event? (LQG only – 40 CFR 265.193(e))			
60	Is hazardous waste accumulated in container storage areas at the facility?			
61✓	If Yes: Are waste containers labeled, dated, closed, and compatible with their contents? (Required for LQG and SQG only, although CESQG may want to adhere to also)			
62	If the facility is a SQG or LQG:			
	a. ✓ Does the facility conduct weekly container inspections?			
	b. ✓ Does the facility document weekly container inspections?			
	c. ✓ Have employees been trained in the handling of hazardous waste with regards to their job duties?			
	d. ✓ Has an emergency response coordinator and alternative been designated, available 24 hours a day to respond to on-site spills and accidents?			
	e. ✓ Have emergency numbers been posted by the telephone at the facility?			
63	Is hazardous waste accumulated in satellite accumulation areas at the facility?			
64	If yes: (required by SQG and LQG)			
	a. ✓ Are waste containers labeled, closed and compatible with their contents?			
	b. ✓ Is the amount of accumulated waste at each satellite accumulation point less than 55 gallons or 1 quart of acutely hazardous waste?			
	c. ✓ Is waste from the satellite area moved to a waste management unit within 3 days once the 55 gallon limit or 1 quart of acutely hazardous waste is exceeded?			
	d. ✓ Is the location of the satellite accumulation area documented?			
65✓	Have all on-site and off-site hazardous waste recycling activities been registered with the TCEQ? (entered on NOR or TCEQ 0525, SQG and LQG only)			
66✓	If hazardous waste is treated, stored, or disposed of on-site, has the facility compiled a waste analysis plan (WAP) or obtained a permit for that activity?			

Waste Regulations (Transportation and Disposal Requirements)		Yes	No	N/A
67✓	Does the facility use a TCEQ/EPA registered transporter? (CESQGs may transport their own waste without a manifest to an authorized disposal facility.)			
68✓	Does the facility use a TCEQ/EPA permitted treatment, storage, disposal (TSD) facility?			
69✓	Does the facility manifest all hazardous and Class I waste that is transported? (SQG, LQG, and CESQGs that generate more than 220 lbs of Class I waste. Class I waste sent for recycling does not require a manifest.)			
70✓	Does the facility have all applicable copies (generator/transporter/disposal) of manifests for the last 3 years? (SQG and LQG only)			
71✓	Does the facility have Land Disposal Restriction (LDR) certification statements per waste stream and disposal facility for the last 3 years? (SQG and LQG only)			
Universal Waste Regulations		Yes	No	N/A
72	Does the facility currently manage any of its hazardous waste streams as “universal waste”?			
73✓	If yes: Are the waste streams appropriately classified and eligible for coverage under the universal waste rule?			
74✓	Are all containers holding universal waste properly labeled per 30 TAC 335.261?			
75✓	Are containers kept closed?			
76✓	Are all universal waste streams shipped to a Treatment, Storage Disposal (TSD) facility or universal waste handler within 1 year of their initial generation date?			
77✓	If not, does the facility have appropriate documentation on hand to show that an extended time limit is needed to facilitate proper recovery, treatment or disposal?			
78✓	If the facility is a Large Quantity Handler of universal waste, are all universal waste shipments accompanied by a bill of lading or other shipping document?			
79✓	Does the facility use a TCEQ/EPA permitted recycling or TSD facility?			

Discharge to Publicly Owned Treatment Works (POTW) (Sanitary Sewer System)		Yes	No	N/A
80	Does the facility discharge process wastewater to the sewer system?			
81	If yes, has the facility obtained permission from the POTW to discharge process wastewater?			
82	a. If the POTW has an approved pretreatment program, does the facility have a permit to discharge process wastewater to the POTW?			
	b. Does the facility comply with the requirements of this permit? If this question is not applicable move on to question 83.			

83	If the POTW does not have an approved pretreatment program, a. Is the facility a categorical industrial user subject to the requirements of any category in 40 CFR Parts 405 – 471?			
	b. ✓ If yes, does the facility submit monitoring reports to the TCEQ each June and December?			
	c. ✓ If no, the facility may be required to submit semi-annual monitoring reports to the TCEQ if it is a significant non-categorical industrial user. It is also recommended that the facility contact the city and inform them of the nature of their discharge.			
	d. ✓ Does the facility's effluent comply with federal categorical pretreatment standards?			
TPDES General Permit for Discharges from Concrete Production Facilities (TXG110000)		Yes	No	N/A
84✓	Does the facility have coverage under the TPDES General Permit for Discharges from Concrete Production Facilities (TXG110000)? If the facility has coverage under the Multi-Sector General Permit (MSGP) and/or an individual water quality permit, skip to question 100.			
85	Does the facility meet the effluent limits for the following constituents?			
	a. ✓ oil and grease			
	b. ✓ total suspended solids (TSS)			
	c. ✓ pH			
	d. ✓ arsenic			
	e. ✓ barium			
	f. ✓ cadmium			
	g. ✓ chromium			
	h. ✓ copper			
	i. ✓ lead			
	j. ✓ manganese			
	k. ✓ mercury			
	l. ✓ nickel			
	m. ✓ selenium			
	n. ✓ silver			
	o. ✓ zinc			
86✓	Does the facility conduct sampling and monitoring as indicated in the general permit?			
87✓	Has the facility prepared a report on the results of all testing?			
88✓	Does the facility submit Discharge Monitoring Reports (DMRs) as required by the general permit?			
89✓	Has the facility developed a Storm Water Pollution Prevention Plan (SWP3) as required by the general permit?			
90	Are dust suppression, soil compaction and irrigation practices using wastewater, storm water or contact storm water conducted in such a way to prevent:			
	a. ✓ runoff?			
	b. ✓ ponding of effluent?			
	c. ✓ contamination of groundwater?			

90	d. ✓ contamination of surface water?			
91✓	Has the facility conducted acute toxicity testing on discharges of facility wastewater, contact storm water and storm water from industrial activities as required for discharges into fresh receiving waters and/or marine receiving waters?			
92✓	Is the application of effluent for dust suppression, soil compaction and irrigation conducted only when the specified area is not in use?			
93✓	Are all spray fixtures for dust suppression, soil compaction, irrigation and fire protection designed so unauthorized personnel cannot operate them?			
94✓	Has the facility erected signs stating that water used for dust suppression, soil compaction, irrigation and fire protection systems are from non-potable water sources?			
95✓	Does the facility avoid direct discharges of concrete truck wash-out to waters of the state?			
96	Does the facility limit concrete truck wash-out activities to areas of the site where:			
	a. ✓ structural controls have been established, or b. ✓ to areas that have a minimal slop that allows infiltration and filtering of wash-out water?			
97	Does the facility avoid discharging:			
	a. ✓ floating solids,			
	b. ✓ settled solids, and c. ✓ visible oil?			
98✓	Does the facility comply with all recordkeeping requirements of the general permit?			
99✓	Does the facility comply with all reporting requirements of the general permit?			
Storm Water Discharges		Yes	No	N/A
100✓	Does the facility have coverage under the Multi-Sector General Permit (MSGP) for discharges for industrial facilities? If the facility has covered both storm water and wastewater discharges under an individual water quality permit, skip to question 101 or if this facility has covered their storm water and wastewater discharges under the TPDES General Permit for Discharges from Concrete Production Facilities (TXG110000) skip questions 101-103.			
101✓	Has the facility developed and implemented a Storm Water Pollution Prevention Plan (SWP3)?			
102✓	Does the facility adhere to the SWP3 requirements outlined in the MSGP?			
103	Does the facility follow the sampling, monitoring, and reporting requirements outlined in the MSGP?			
	a. ✓ Annual Hazardous Metal Monitoring? (facilities can opt out of all or part of this requirement if they meet certain requirements)			
	b. ✓ Quarterly Visual Monitoring? (applies to all facilities)			
	c. ✓ Analytical Monitoring aka Benchmarks? (twice per year) (facilities in Sectors I, P, R, V, W, X, Z, AB, AC, AD do not have benchmark requirements)			

103	d. ✓ Sector Specific Numeric Effluent Limitation Monitoring? (applies to Sectors A, C, D, E, J, O only)			
	e. ✓ Quarterly facility inspections? (applies to all facilities)			
	f. ✓ Does the facility maintain and update records as required?			
	g. ✓ Does the facility submit DMRs to the TCEQ by March 31 of each year for annual hazardous metals, benchmarks and sector-specific effluent limits?			
	h. ✓ Does the facility maintain a rain gauge on-site or utilize one in the immediate vicinity of the site?			
	i. ✓ Does the facility, at a minimum monitor the rain gauge once per week, and once per day during a rain event?			
	j. ✓ Does the facility maintain a log for their rain gauge monitoring?			

Water Quality Discharges		Yes	No	N/A
104	Does the facility discharge wastewater into surface water (via run-off, storm drains, rivers creeks, dry waterways etc)?			
105✓	If yes, does the facility have a Texas Pollutant Discharge Elimination System (TPDES) Permit?			
106	If yes,			
	a. ✓ Does the facility meet the daily average flow from each outfall?			
	b. ✓ Does the facility meet the daily maximum flow from each outfall?			
	c. ✓ Does the facility meet the discharge limitation for each constituent?			
	d. ✓ Does the facility conduct monitoring and sampling as required by their discharge permit?			
	e. ✓ Does the facility submit discharge monitoring reports (DMRs) as required by their permit?			
	f. ✓ Does the facility submit non-compliance reports as required by 20 CFR 122.41 and 30 TAC 305.125?			
	g. ✓ Does the facility's TPDES wastewater permit discharge permit include storm water discharges? If yes, skip questions 100-103.			
	h. ✓ Is the facility in compliance with storm water discharge requirements listed in their TPDES wastewater discharge permit?			
107	Does the facility dispose of wastewater adjacent to surface water (by irrigation, evaporation pond, subsurface injection, or another approved method)?			
108✓	If yes, does the facility have a Texas Land Application Permit? (Note: If hazardous or Class I industrial waste is being disposed of, then multiple other regulations apply.)			
109✓	Discharges to on-site septic facilities Does the facility avoid discharging any process wastewater to a septic system? (Note: On-site septic systems can only be used for domestic sewage.)			
Public Water Supply		Yes	No	N/A
110	Does the facility use a private well to supply drinking water to employees and customers? If no, skip to question 120.			

111	Does the facility provide drinking water from a private well to 25 individuals a day for at least 60 days a year? If no, skip to question 120.			
112	What type of PWS system does the facility have? <input type="checkbox"/> Transient, non-community – serves at least 25 people at least 60 days of the year and does not include residential service connections. <input type="checkbox"/> Non-transient, non-community – serves at least 25 of the same people at least 6 months out of the year and does not include residential service connections.			
113	What is the water source for the PWS? <input type="checkbox"/> ground water <input type="checkbox"/> surface water <input type="checkbox"/> ground water under the influence of surface water			
114	✓Is the facility registered with the TCEQ as a PWS?			
115	✓Does the facility have a licensed operator? (non-transient, non-community system only)			
116	✓Does the facility conduct monthly microbiological testing?			
117	✓Does the facility conduct chlorine residual testing?			
118	✓Does the facility conduct other contaminant testing as required for their system? Indicate what contaminants the facility is testing for: _____ _____			
119	✓Does the facility conduct water pressure testing?			

Other Requirements		Yes	No	N/A
120	If the facility uses more than 10,000lbs (~ 20 drums) of cleaning chemicals or other listed chemicals in a year, and has more than 10 full-time employees, does the facility report under the Toxic Release Inventory?			
121	Does the facility comply with the Texas Department of State Health Services' requirements for Tier II?			
122	Is the facility subject to the Waste Reduction Policy Act (WRPA)?			
123	If yes: a. ✓ Has a Source Reduction Waste Minimization Plan (SR/WM) been developed? (SQGs, LQGs, and TRI reporters submit once every 5 years) b. ✓ Has an Executive Summary of the SR/WM Plan and a Certificate of Completeness and Correctness been submitted? (SQGs, LQGs and TRI reporters only) c. ✓ Has an Annual Progress Report been submitted? (SQGs, LQGs and TRI reporters only)			
124✓	Does the facility have Material Safety Data Sheets (MSDS) or other information for all chemicals used in the past 24 months?			
125	Is there any evidence of spills?			

126✓	If yes, has the facility taken appropriate reporting and abatement actions?			
127✓	Does the facility practice good housekeeping?			

Comments:

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