



**NON-TITLE V PERMIT APPLICATION
 CONCRETE BATCH PLANT SOURCE DESCRIPTION**

Type or print. Submit for each concrete batch plant. Submit with the APC 100.
 Submit a Plant Diagram according to the instructions given below.

GENERAL IDENTIFICATION AND DESCRIPTION

1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)]	2. Emission Source Reference Number		
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes No If Yes, list rule citation, including Part, Subpart, and applicable Sections:			
4. Unique Source ID (name/number that uniquely identifies this source, like Plant 1)	5. Date constructed		
6. Maximum annual production: (Yards)	Transit mix	Central mix	Dry mix

CEMENT RECEIVING AND STORAGE

7. Cement receiving equipment	Is conveyor enclosed? Yes No	Is elevator enclosed? Yes No	Compressed air flow (Ft. ³ /Min.)	Average load size (Tons)	Normal loading time (Min.)
8. Cement storage silos:	Number of silos	Total capacity (Units: barrels or tons)	<u>Silo vent controls</u> Discharges to (check one) Fabric filter Another silo Other None		

WEIGH-BATCHER INFORMATION

9. Weigh batcher:	Capacity (Yards)	Batching rate (Yards/Hour)	Batch dumping rate (Yards/Minute)
Silo - to - weigh - batcher vent controls	Hood Fabric filter	Discharges to silo None	
10. Weigh - batcher: (Check or complete as appropriate)	Discharges to: (In yards/year)		
	Trucks	Tilt	Products mixer
	Weigh-batcher discharge chute controls:		
Adjustable gathering hopper	Hood Fabric filter	Discharges to silo None	

11. Air contaminants. Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. (see instructions for more details)

SILO #1 EMISSION INFORMATION

12. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)			
B. Diameter (Ft.)			
C. Emission exit direction (Up, down, or horizontal)			
D. Air flow rate (Ft. ³ /Minute)			
13. Particulate matter (PM)	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)			
B. Maximum emissions (Pounds/hour)			
C. Average emissions (Tons/Year)			
D. Potential emissions (Tons/Year)			
E. Emissions estimation method*			
F. Control devices*			
G. Control efficiency %			

SILO #2 EMISSION INFORMATION

14. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)			
B. Diameter (Ft.)			
C. Emission exit direction (Up, down, or horizontal)			
D. Air flow rate (Ft. ³ /Minute)			
15. Particulate matter (PM)	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)			
B. Maximum emissions (Pounds/hour)			
C. Average emissions (Tons/Year)			
D. Potential emissions (Tons/Year)			
E. Emissions estimation method*			
F. Control devices*			
G. Control efficiency %			

16. Control device. Description of proposed monitoring, recordkeeping, and reporting to assure compliance with emission limits. Include operating parameters of control device (flow rate, temperature, pressure drop, etc.).

ROAD DUST AND STOCKPILE INFORMATION

17. Road dust control:	None	Paved	Oiled	Watered frequently	
Plant yard:					
Access roads:					
18. Stockpiles:	Estimated annual tonnage	Number of sides enclosed	Turnover rate (Tons/Month)	Received damp	Wetted as received
Gravel:					
Sand:					

19. Comments

SIGNATURE

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

20. Signature		Date
Signer's name (type or print)	Title	Phone number with area code

Concrete batch plant diagram instructions: Show general plant layout and air pollution control devices. Indicate the following: storage pile areas, conveyor systems, method of receiving cement, elevators, silos, silo vents, silo-to-weigh-batcher vent, weigh-batcher discharge chute, and product receiving equipment such as trucks and tilt or product mixers. Indicate air pollution control devices such as fabric filters, wet suppressions, hoods, canvas coverings, enclosures, etc.

* Refer to the instructions for the estimation method and control device codes. If the code is "Other" specify in comments.