



NOT TO BE USED FOR TITLE V APPLICATIONS

**CONCRETE BATCH PLANT
 SOURCE DESCRIPTION**

APC 122

PLEASE TYPE OR PRINT, SUBMIT IN DUPLICATE AND ATTACH TO THE PERMIT APPLICATION. ATTACH A PLANT DIAGRAM ACCORDING TO THE INSTRUCTIONS GIVEN BELOW.

1. ORGANIZATION NAME				F O R A P C	APC COMPANY - POINT NO.	
2. EMISSION SOURCE NO. (FROM APPLICATION)			SIC CODE		APC LOG/PERMIT NO.	
3. SOURCE LOCATION: _____	LATITUDE	LONGITUDE	UTM VERTICAL	UTM HORIZONTAL		
4. NORMAL OPERATION SCHEDULE:	HOURS/DAY	DAYS/WEEK	WEEKS/YEAR	DAYS/YEAR		
5. PERCENT ANNUAL THROUGHPUT:	DEC. - FEB.	MARCH - MAY	JUNE - AUG.	SEPT. - NOV.		
6. ANNUAL PRODUCTION: (YARDS)	TRANSIT MIX	CENTRAL MIX	DRY MIX	DATE CONSTRUCTED		
7. ROAD DUST CONTROL: PLANT YARD:	NONE	PAVED	OILED	WATERED FREQUENTLY		
ACCESS ROADS:						
8. STOCKPILES: _____	ESTIMATED ANNUAL TONNAGE	NUMBER OF SIDES ENCLOSED	TURNOVER RATE (TONS/MONTH)	RECEIVED DAMP	WETTED AS RECEIVED	
GRAVEL:						
SAND:						
9. CEMENT RECEIVING EQUIP. (CIRCLE OR COMPLETE AS APPROPRIATE)	CONVEYOR ENCLOSED	ELEVATOR ENCLOSED	COMPRESSED AIR FLOW (FT ³ /MIN.)	AVE. LOAD SIZE (TONS)	NORM. LOADING TIME (MIN.)	
	YES or NO	YES or NO				
10. CEMENT STORAGE SILOS: _____	NUMBER OF SILOS	TOTAL CAPACITY (UNITS: BARRELS OR TONS)	SILO VENT CONTROLS			
			FABRIC FILTER	DISCHARGES TO ANOTHER SILO	OTHER	NONE
11. 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	
12. WEIGH - BATCHER: (COMPLETE OR CIRCLE 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						

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.

(OVER)

13. 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)				
14. PARTICULATE AIR CONTAMINANTS	SILO VENT	SILO - TO - WEIGH - BATCHER VENT	WEIGH - BATCHER DISCHARGE CHUTE	TOTAL (FOR APC ONLY)
A. AVERAGE EMISSIONS (POUNDS/HOUR)				
B. MAXIMUM EMISSIONS (POUNDS/HOUR)				
C. AVERAGE EMISSIONS (TONS/YEAR)				
D. EMISSIONS ESTIMATION METHOD*				
E. CONTROL DEVICES*				
F. CONTROL EFFICIENCY %				

15. COMMENTS

16. SIGNATURE	DATE
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* REFER TO THE BACK OF THE PERMIT APPLICATION FORM FOR ESTIMATION METHOD AND CONTROL CODES. IF THE CODE IS "OTHER", SPECIFY IN COMMENTS.

INSTRUCTIONS
CONCRETE BATCH PLANT SOURCE DESCRIPTION (APC 122)

This form should be used for concrete batch plant permit applications instead of the more general Process or Fuel Burning Source Description Form (APC 21) and the Emission Point Description Form (APC 22).

- Line 1** - The right-hand portions of the first two lines are intended for APC Division use only.
- Line 2** - Emission Source Number should be the same code as entered in Item 5 of the Permit Application form (APC 20). List the Standard Industrial Classification code (SIC) for the source if known.
- Line 3** - Location of the plant should be entered in latitude & longitude to the nearest seconds, or UTM coordinates to the nearest .01 kilometer.
- Line 4** - Normal operation should reflect the schedule when any or all of the equipment covered by this application is in operation. Days/year needs to be completed only if operation is so limited that it cannot be adequately described by days/week and weeks/year.
- Line 5** - Percent annual throughput should reflect the approximate seasonal nature of the process. If operation is not seasonal, enter 25% for each.
- Line 6** - Enter under the appropriate type of mix, the annual production expressed in yards. Enter the approximate date construction of the plant was initiated. If the source was modified (not counting modifications made exclusively to control equipment) after original construction, enter the construction starting date for the most recent modification instead. Describe any such modification in item 15.
- Line 7** - Indicate type of road dust control for both plant yard and access roads by checking the appropriate blocks. If roads are watered indicate approximate frequency.
- Line 10** - Indicate the number of cement storage silos and the total combined capacity of the silos in either barrels or tons. Specify which units are used. Indicate type of silo vent control listed. If other is circled, explain type of control in item 15.
- Line 14** - Particulate emission estimates from each of the indicated vents should be based on engineering calculations. In certain cases other estimates or blanks may be accepted.
- Average emissions (pounds/hour) should represent the total weight of pollutant emitted to the atmosphere for a period which covers a complete or an integral number of cycles divided by the hours of actual process operation during such periods.
- Maximum emissions (pounds/hour) should be determined by dividing the total highest emission possible during any 3 hour period, with control equipment working properly, by 3. This should take into consideration such things as maximum possible operating rate, particular products which may result in increased emissions, etc.
- Emission estimation method and control device descriptions, along with corresponding codes, can be found on the back of the permit application form (APC 20). The codes which most accurately describe the estimation methods and control equipment used, along with estimated control equipment efficiency should be entered for each vent listed. Any estimation methods or control devices other than those listed in the tables should be described in the comments, Item 15.
- Line 16** - Unsigned and/or undated applications will not be processed.