

SHELBY COUNTY HEALTH DEPARTMENT  
POLLUTION CONTROL SECTION  
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NOT TO BE USED FOR TITLE V APPLICATIONS

**CONCRETE BATCH PLANT  
SOURCE DESCRIPTION**

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

<b>1. ORGANIZATION'S LEGAL NAME:</b>				<b>SCHD-APC FACILITY ID.:</b>		
<b>2. EMISSION SOURCE NUMBER:</b>			NAICS CODE: 327320		<b>SCHD-APC PERMIT ID.:</b>	
<b>3. SOURCE LOCATION</b>	LATITUDE:	LONGITUDE:	UTM VERTICAL:	UTM HORIZONTAL:		
<b>4. NORMAL OPERATION</b>	HOURS/DAY:	DAYS/WEEK:	WEEKS/YEAR:	DAYS/YEAR:		
<b>5. MAXIMUM OPERATION</b>	HOURS/DAY:	DAYS/WEEK:	WEEKS/YEAR:	DAYS/YEAR:		
<b>6. PERCENT ANNUAL THROUGHPUT</b>	DEC. - FEB.:	MARCH - MAY:	JUNE - AUG.:	SEPT. - NOV.:		
<b>7. MAX. ANNUAL PROD (YARDS)</b>	TRANSIT MIX:	CENTRAL MIX:	DRY MIX:	DATE CONSTRUCTED:		
<b>8. ROAD DUST CONTROL</b>	NONE	PAVED	OILED	WATERED FREQUENTLY		
PLANT YARD						
ACCESS ROADS						
<b>9. STOCKPILES</b>	ESTIMATED ANNUAL TONNAGE	NUMBER OF SIDES ENCLOSED	TURNOVER RATE (TONS/MONTH)	RECEIVED DAMP (TONS)	WETTED AS RECEIVED (TONS)	
GRAVEL						
SAND						
<b>10. CEMENT RECEIVING EQUIPMENT</b> (circle or complete as appropriate)	CONVEYOR ENCLOSED	ELEVATOR ENCLOSED	COMPRESSED AIR FLOW (FT <sup>3</sup> /MIN.):	AVE. LOAD SIZE (TONS):	NORM. LOADING TIME (MIN.):	
	YES NO	YES NO				
<b>11. CEMENT STORAGE SILOS</b> (complete or circle as appropriate)	NUMBER OF SILOS:	TOTAL CAPACITY (BARRELS OR TONS):	SILO VENT CONTROLS			
			FABRIC FILTER	DISCHARGES TO ANOTHER SILO	OTHER	NONE
<b>12. WEIGH-BATCHER</b>	CAPACITY (YARDS):	MAX. BATCHING RATE (YARDS/HOUR):		BATCH DUMPING RATE (YARDS/MINUTE):		
<b>SILO-TO-WEIGH-BATCHER VENT CONTROLS</b> (CIRCLE)	HOOD/SHROUD	FABRIC FILTER	DISCHARGES TO SILO	OTHER	NONE	
<b>13. WEIGH-BATCHER</b>	DISCHARGES TO (COMPLETE)					
	TRUCKS (YARDS/YEAR):	TILT (YARDS/YEAR):		PRODUCTS MIXER (YARDS/YEAR):		
	WEIGH-BATCHER DISCHARGE CHUTE CONTROLS (CIRCLE)					
	ADJUSTABLE GATHERING HOPPER	HOOD	FABRIC FILTER	DISCHARGES TO SILO	OTHER NONE	
<b>14. CONCRETE BATCH PLANT DIAGRAM:</b> ON A SEPARATE SHEET OF PAPER, 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 SUPPRESSION POINTS, HOODS, CANVAS COVERINGS; ENCLOSURES, AND ETC.						

(OVER)

15. 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 <sup>3</sup> /MINUTE)						
16. PARTICULATE AIR CONTAMINANTS	SILO VENT		SILO-TO-WEIGH-BATCHER VENT		WEIGH-BATCHER DISCHARGE CHUTE SAND AND AGGREGATE TO TRANSFER BIN	
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 %						
17. COMMENTS						

\* REFER TO THE BACK OF THE PERMIT APPLICATION FORM APC-2-01 FOR ESTIMATION METHOD AND CONTROL CODES. IF THE CODE IS "OTHER", SPECIFY IN COMMENTS.