

SHELBY COUNTY HEALTH DEPARTMENT
POLLUTION CONTROL SECTION
1826 Sycamore Road
Memphis, TN 38134
Telephone: (901) 222-9942
FAX: (901) 222-9561



NOT TO BE USED FOR TITLE V APPLICATIONS

**PERMIT APPLICATION
GENERAL INFORMATION**

SCHD RECEIPT DATE

PLEASE TYPE OR PRINT AND SUBMIT IN DUPLICATE FOR EACH EMISSION SOURCE. ATTACH APPROPRIATE SOURCE DESCRIPTION FORMS.

1. ORGANIZATION'S LEGAL NAME:			SCHD-APC FACILITY ID.:		
2. MAILING ADDRESS (ST/RD/P.O. BOX):			TENNESSEE SECRETARY OF STATE REGISTERED BUSINESS NUMBER:		
CITY:	STATE:	ZIP CODE:	PHONE WITH AREA CODE:		
3. PRINCIPAL TECHNICAL CONTACT AND TITLE:			PHONE WITH AREA CODE:		
4. SITE ADDRESS (ST/RD/HWY):			PHONE:	FAX:	
CITY OR DISTANCE/DIRECTION TO NEAREST REFERENCE POINT:			ZIP CODE:	E-MAIL:	
5. NORTH AMERICAN INDUSTRIAL CLASSIFICATION SYSTEM (NAICS)		PRIMARY _____	TERTIARY _____		
		SECONDARY _____	QUATERNARY _____		
6. BRIEF DESCRIPTION OF EMISSION SOURCE(S). INCLUDE AN OVERALL FACILITY PLOT PLAN INDICATING THE EMISSION SOURCE LOCATION WITHIN THE PLANT:					
7. TYPE OF PERMIT REQUESTED					
NEW CONSTRUCTION			ESTIMATED COST OF EQUIPMENT OR MODIFICATION: \$ _____		
MODIFICATION			AIR POLLUTION CONTROL EQUIPMENT COST: \$ _____		
PERMIT TO OPERATE (INITIALREQUEST-NO PREVIOUS PERMITS)			BASIC EQUIPMENT COSTS: \$ _____		
PERMIT TO OPERATE (INITIALREQUEST-CONSTRUCTION PERMIT PREVIOUSLY ISSUED)					
PERMIT TO OPERATE (RENEWAL REQUEST)					
CHANGE OF LOCATION (PORTABLE AND/OR PERMANENT)					
CHANGE OF NAME AND/OR OWNERSHIP					
FOR NEW CONSTRUCTION, MODIFICATION, CHANGE OF LOCATION, CHANGE OF NAME AND/OR OWNERSHIP, PROVIDE THE ESTIMATED STARTING AND COMPLETION DATES					
PREVIOUS LOCATION OR LOCATION MOVING FROM, PREVIOUS NAME AND/OR OWNER , IF APPLICABLE (FOR PORTABLE <u>AND</u> NON-PORTABLE SOURCES):					
PREVIOUS SOURCE NUMBER(S) AND PERMIT NUMBER(S) IF APPLICABLE:					
8. DESCRIBE CHANGES THAT HAVE BEEN MADE TO THIS EQUIPMENT OR OPERATION SINCE THE LAST CONSTRUCTION OR OPERATING PERMIT APPLICATION:					
9. SIGNATURE (SEE NOTE):				DATE:	
10. SIGNER'S NAME (TYPE OR PRINT):		TITLE:	PHONE WITH AREA CODE:		

NOTE: APPLICATION MUST BE SIGNED TO BE PROCESSED. SIGNATURE VERIFIES THAT INFORMATION ON ALL FORMS PROVIDED IS TRUE, ACCURATE AND COMPLETE TO THE PERSON'S BEST KNOWLEDGE AND BELIEF. APPLICATIONS SHOULD BE SIGNED BY THE OWNER/OPERATOR OR SENIOR MANAGEMENT OFFICIAL

(OVER)

TABLE OF POLLUTION REDUCTION DEVICE OR METHOD CODES
(ALPHABETICAL LISTING)

NOTE: FOR CYCLONES, SETTLING CHAMBERS, WET SCRUBBERS, AND ELECTROSTATIC PRECIPITATORS. THE EFFICIENCY RANGES CORRESPOND TO THE FOLLOWING PERCENTAGES: HIGH: 95-99+%. MEDIUM: 80-95%. AND LOW: LESS THAN 80%. IF THE SYSTEM HAS SEVERAL PIECES OF CONNECTED CONTROL EQUIPMENT, INDICATE THE SEQUENCE, FOR EXAMPLE: 008/010/97%. IF NONE OF THE BELOW CODES FIT, USE 999 AS A CODE FOR OTHER AND SPECIFY IN THE COMMENTS.

NO EQUIPMENT.....	000	LIMESTONE INJECTION--DRY	041
ACTIVATED CARBON ADSORPTION.....	048	LIMESTONE INJECTION--WET	042
AFTERBURNER--DIRECT FLAME.....	021	LIQUID FILTRATION SYSTEM.....	049
AFTERBURNER--DIRECT FLAME WITH HEAT EXCHANGER	022	MIST ELIMINATOR--HIGH VELOCITY	014
AFTERBURNER--CATALYTIC	019	MIST ELIMINATOR--LOW VELOCITY	015
AFTERBURNER--CATALYTIC WITH HEAT EXCHANGER.....	020	PROCESS CHANGE.....	046
ALKALIZED ALUMINA.....	040	PROCESS ENCLOSED.....	054
CATALYTIC OXIDATION--FLUE GAS DESULFURIZATION.....	039	PROCESS GAS RECOVERY	060
CYCLONE--HIGH EFFICIENCY	007	SETTLING CHAMBER--HIGH EFFICIENCY.....	004
CYCLONE--MEDIUM EFFICIENCY	008	SETTLING CHAMBER--MEDIUM EFFICIENCY	005
CYCLONE--LOW EFFICIENCY.....	009	SETTLING CHAMBER--LOW EFFICIENCY.....	006
DUST SUPPRESSION BY CHEMICAL STABILIZERS		SPRAY TOWER (GASEOUS CONTROL ONLY).....	052
OR WETTING AGENTS	062	SULFURIC ACID PLANT--CONTACT PROCESS.....	043
ELECTROSTATIC PRECIPITATOR--HIGH EFFICIENCY	010	SULFURIC ACID PLANT--DOUBLE CONTACT PROCESS.....	044
ELECTROSTATIC PRECIPITATOR--MEDIUM EFFICIENCY	011	SULFUR PLANT.....	045
ELECTROSTATIC PRECIPITATOR--LOW EFFICIENCY.....	012	VAPOR RECOVERY SYSTEM (INCLUDING CONDENSERS,	
FABRIC FILTER--HIGH TEMPERATURE	016	HOODING AND OTHER ENCLOSURES)	047
FABRIC FILTER--MEDIUM TEMPERATURE	017	VENTURI SCRUBBER (GASEOUS CONTROL ONLY).....	053
FABRIC FILTER--LOW TEMPERATURE.....	018	WET SCRUBBER--HIGH EFFICIENCY.....	001
FABRIC FILTER--METAL SCREENS (COTTON GINS)	059	WET SCRUBBER--MEDIUM EFFICIENCY.....	002
FLARING	023	WET SCRUBBER--LOW EFFICIENCY	003
GAS ADSORPTION COLUMN--PACKED	050	WET SUPPRESSION BY WATER SPRAYS	061
GAS ADSORPTION COLUMN--TRAY TYPE.....	051		
GAS SCRUBBER (GENERAL: NOT CLASSIFIED).....	013		

TABLE OF EMISSION ESTIMATION METHOD CODES

NOT APPLICABLE EMISSIONS ARE KNOWN TO BE ZERO.....	0
EMISSIONS BASED ON SOURCE TESTING	1
EMISSIONS BASED ON MATERIAL BALANCE USING ENGINEERING EXPERTISE AND KNOWLEDGE OF PROCESS.....	2
EMISSIONS CALCULATED USING EMISSION FACTORS FROM EPA PUBLICATION NO. AP-42 COMPILATION OF AIR POLLUTANT EMISSIONS FACTORS	3
JUDGEMENT	4
EMISSIONS CALCULATED USING A SPECIAL EMISSION FACTOR DIFFERING FROM THAT IN AP-42	5
OTHER (SPECIFY IN COMMENTS)	6