



NON-TITLE V PERMIT APPLICATION EMISSION POINT DESCRIPTION

Please type or print and submit in duplicate for each stack or emission source. Attach to the Non-Title V Facility Identification Form (APC 100).								
GENERAL IDENTIFICATION AND DESCRIPTION								
1. Organization name						For APC use only	APC Company point no.	
2. Emission source no. (As on Non-Title V Facility Identification Form)				Flow diagram point number			APC Log/Permit no.	
3. Brief emission point description (Attach a sketch if appropriate):						Distance to nearest property line (Ft.)		
STACK AND EMISSION DATA								
4. Stack or emission point data:	Height above grade (Ft.)	Diameter (Ft.)	Temperature (°F)	% of time over 125°F	Direction of exit (Up, down or horizontal)			
→								
Data at exit conditions:	Flow (actual Ft. ³ /Min.)	Velocity (Ft./Sec.)	Moisture (Grains/Ft. ³)		Moisture (Percent)			
→								
Data at standard conditions:	Flow (Dry std. Ft. ³ /Min.)	Velocity (Ft./Sec.)	Moisture (Grains/Ft. ³)		Moisture (Percent)			
→								
5. Air contaminants	Actual emissions				Emissions est. method code	Control devices *	Control efficiency%	
	Emissions (Lbs./Hr.)		Concentration	Avg. emissions (Tons/Yr.)				
	Average	Maximum						
Particulate matter			**					
Sulfur dioxide (SO ₂)			***					
Carbon monoxide (CO)			PPM					
Organic compounds			PPM					
Nitrogen oxides (NO _x)			PPM					
Fluorides								
Greenhouse gases (CO ₂ equivalents)								
Hazardous air pollutant (specify)								
Hazardous air pollutant (specify)								
Other (specify)								
Other (specify)								
Other (specify)								

(Over)

6. Check types of monitoring and recording instruments that are attached: Opacity monitor (), SO ₂ monitor (), NO _x monitor (), Other (specify in comments) ()	
7. Comments	
8. Control device or Method code description:	Description of operating parameters of device (flow rate, temperature, pressure drop, etc.):

- * Refer to the tables below for estimation method and control device codes.
- ** Exit gas particulate matter concentration units: Process – Grains/Dry Standard Ft³ (70°F), Wood fired boilers - Grains/Dry Standard Ft³ (70°F), all other boilers – Lbs. /Million BTU heat input.
- *** Exit gas sulfur dioxide concentrations units: Process – PPM by volume, dry bases, and boilers – Lbs. /Million BTU heat input

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 Activated Carbon Adsorption.....048 Afterburner – Direct Flame.....021 Afterburner – Direct Flame with Heat Exchanger.....022 Afterburner – Catalytic.....019 Afterburner – Catalytic with Heat Exchanger.....020 Alkalized Alumina040 Catalytic Oxidation – Flue Gas Desulfurization039 Cyclone – High Efficiency007 Cyclone – Medium Efficiency008 Cyclone – Low Efficiency.....009 Dust Suppression by Chemical Stabilizers or Wetting Agents 062 Electrostatic Precipitator – High Efficiency010 Electrostatic Precipitator – Medium Efficiency.....011 Electrostatic Precipitator – Low Efficiency.....012 Fabric Filter – High Temperature016 Fabric Filter – Medium Temperature.....017 Fabric Filter – Low Temperature.....018 Fabric Filter – Metal Screens (Cotton Gins).....059 Flaring.....023 Gas Adsorption Column -- Packed050 Gas Adsorption Column – Tray Type.....051 Gas Scrubber (General: Not Classified).....013	Limestone Injection – Dry.....041 Limestone Injection – Wet042 Liquid Filtration System.....049 Mist Eliminator – High Velocity.....014 Mist Eliminator – Low Velocity015 Process Change.....046 Process Enclosed054 Process Gas Recovery060 Settling Chamber – High Efficiency004 Settling Chamber – Medium Efficiency005 Settling Chamber – Low Efficiency.....006 Spray Tower (Gaseous Control Only).....052 Sulfuric Acid Plant – Contact Process043 Sulfuric Acid Plant – Double Contact Process044 Sulfur Plant.....045 Vapor Recovery System (Including Condensers, Hooding and Other Enclosures)047 Venturi Scrubber (Gaseous Control Only).....053 Wet Scrubber – High Efficiency001 Wet Scrubber – Medium Efficiency.....002 Wet Scrubber – Low Efficiency.....003 Wet Suppression by Water Sprays061
--	--

Table of Emission Estimation Method Codes

Not application / 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 publications No. AP-42 Compilation of Air Pollution Emissions Factors	3
Judgment.....	4
Emissions calculated using a special emission factor different from that in AP-42	5
Other (Specify in comments)	6