AIR POLLUTION CONTROL DISTRICT
850 Barret Ave., Suite 205
Louisville, KY 40204 -1475

HAP EMISSIONS REPORTING FORM FOR BOILERS AND COMBUSTION UNITS

I. Source Information

Source Name: _____

Source Location: _____

Source Contact: _____

Telephone Number: _____ Plant ID No. _____

II. Emissions Data

Place an X beside each compound to indicate which hazardous air pollutants are emitted from this source's boilers and combustion units. Indicate the actual emission rate in tons per year for each HAP emitted from this source. Only include HAP emissions of 0.05 tons (100 pounds) or greater.

X	CAS No.	Chemical Name	TPY
	75-07-0	Acetaldehyde	
	60-35-5	Acetamide	
	75-05-8	Acetonitrile	
	98-86-2	Acetophenone	
	53-96-3	2-Acetylaminofluorene	
	107-02-8	Acrolein	
	79-06-1	Acrylamide	
	79-10-7	Acrylic acid	

X	CAS No.	Chemical Name	TPY
	107-13-1	Acrylonitrile	
	107-05-1	Allyl chloride	
	92-67-1	4-Aminobiphenyl	
	62-53-3	Aniline	
	90-04-0	o-Anisidine	
	1332-21-4	Asbestos	
	71-43-2	Benzene (including benzene from gasoline)	
	92-87-5	Benzidine	
	98-07-7	Benzotrichloride	
	100-44-7	Benzyl chloride	
	92-52-4	Biphenyl	
	117-81-7	Bis(2-ethylhexyl)phthalate (DEHP)	
	542-88-1	Bis(chloromethyl)ether	
	75-25-2	Bromoform	
	106-99-0	1,3-Butadiene	
	156-62-7	Calcium cyanamide	
	133-06-2	Captan	
	63-25-2	Carbaryl	
	75-15-0	Carbon disulfide	
	56-23-5	Carbon tetrachloride	
	463-58-1	Carbonyl sulfide	
	120-80-9	Catechol	
	133-90-4	Chloramben	
	57-74-9	Chlordane	
	7782-50-5	Chlorine	

X	CAS No.	Chemical Name	TPY
	79-11-8	Chloroacetic acid	
	532-27-4	2-Chloroacetophenone	
	108-90-7	Chlorobenzene	
	510-15-6	Chlorobenzilate	
	67-66-3	Chloroform	
	107-30-2	Chloromethyl methyl ether (CMME)	
	126-99-8	Chloroprene (2-Chloro-1,3-butadiene)	
	1319-77-3	Cresol/Cresylic acid (mixed isomers)	
	95-48-7	o-Cresol	
	108-39-4	m-Cresol	
	106-44-5	p-Cresol	
	98-82-8	Cumene	
	N/A	2,4-D (including salts and esters) (2,4-Dichlorophenoxyacetic acid)	
	72-55-9	DDE (1,1-Dichloro-2,2-bis[p-chlorophenyl]ethylene)	
	334-88-3	Diazomethane	
	132-64-9	Dibenzofuran	
	96-12-8	1,2-Dibromo-3-chloropropane	
	84-74-2	Dibutylphthalate	
	106-46-7	1,4-Dichlorobenzene	
	91-94-1	3,3'-Dichlorobenzidine	
	111-44-4	Dichloroethyl ether (Bis(2-chloroethyl)ether)	
	542-75-6	1,3-Dichloropropene	
	62-73-7	Dichlorvos	
	111-42-2	Diethanolamine	
	64-67-5	Diethyl sulfate	

X	CAS No.	Chemical Name	TPY
	119-90-4	3,3'-Dimethoxybenzidine	
	60-11-7	4-Dimethylaminoazobenzene	
	121-69-7	N,N-Dimethylaniline	
	119-93-7	3,3'-Dimethylbenzidine	
	79-44-7	Dimethyl carbamoyl chloride	
	68-12-2	N,N-Dimethylformamide (DMF)	
	57-14-7	1,1-Dimethylhydrazine	
	131-11-3	Dimethyl phthalate	
	77-78-1	Dimethyl sulfate	
	N/A	4,6-Dinitro-o-cresol (including salts)	
	51-28-5	2,4-Dinitrophenol	
	121-14-2	2,4-Dinitrotoluene	
	123-91-1	1,4-Dioxane (1,4-Diethyleneoxide)	
	122-66-7	1,2-Diphenylhydrazine	
	106-89-8	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	
	106-88-7	1,2-Epoxybutane	
	140-88-5	Ethyl acrylate	
	100-41-4	Ethyl benzene	
	51-79-6	Etyhl carbamate (Urethane)	
	75-00-3	Ethyl chloride (Chloroethane)	
	106-93-4	Ethylene dibromide (Dibromoethane)	
	107-06-2	Ethylene dichloride (1,2-Dichloroethane)	
	107-21-1	Ethylene glycol	
	151-56-4	Ethyleneimine (Aziridine)	
	75-21-8	Ethylene oxide	

X	CAS No.	Chemical Name	TPY
	96-45-7	Ethylene thiourea	
	75-34-3	Ethylidene dichloride (1,1-Dichloroethane)	
	50-00-0	Formaldehyde	
	76-44-8	Heptachlor	
	118-74-1	Hexachlorobenzene	
	87-68-3	Hexachlorobutadiene	
	N/A	1,2,3,4,5,6-Hexachlorocyclohexane (all stereo isomers, including lindane)	
	77-47-4	Hexachlorocyclopentadiene	
	67-72-1	Hexachloroethane	
	822-06-0	Hexamethylene-1,6-diisocyanate	
	680-31-9	Hexamethylphosphoramide	
	110-54-3	Hexane	
	302-01-2	Hydrazine	
	7647-01-0	Hydrochloric acid (Gaseous Hydrogen Chloride only)	
	7664-39-3	Hydrogen fluoride (Hydrofluoric acid)	
	123-31-9	Hydroquinone	
	78-59-1	Isophorone	
	108-31-6	Maleic anhydride	
	67-56-1	Methanol	
	72-43-5	Methoxychlor	
	74-83-9	Methyl bromide (Bromomethane)	
	74-87-3	Methyl chloride (Chloromethane)	
	71-55-6	Methyl chloroform (1,1,1-Trichloroethane)	
	60-34-4	Methylhydrazine	

X	CAS No.	Chemical Name	TPY
	74-88-4	Methyl iodide (Iodomethane)	
	108-10-1	Methyl isobutyl ketone (Hexone)	
	624-83-9	Methyl isocyanate	
	80-62-6	Methyl methacrylate	
	1634-04-4	Methyl-tert-butylether	
	101-14-4	4,4'-Methylene bis(2-chloroaniline)	
	75-09-2	Methylene chloride (Dichloromethane)	
	101-68-8	4,4'-Methylenediphenyl diisocyanate (MDI)	
	101-77-9	4,4'-Methylenedianiline	
	91-20-3	Naphthalene	
	98-95-3	Nitrobenzene	
	92-93-3	4-Nitrobiphenyl	
	100-02-7	4-Nitrophenol	
	79-46-9	2-Nitropropane	
	684-93-5	N-Nitroso-N-methylurea	
	62-75-9	N-Nitrosodimethylamine	
	59-89-2	N-Nitrosomorpholine	
	56-38-2	Parathion	
	82-68-8	Pentachloronitrobenzene (Quintobenzene)	
	87-86-5	Pentachlorophenol	
	108-95-2	Phenol	
	106-50-3	p-Phenylenediamine	
	75-44-5	Phosgene	
	7803-51-2	Phosphine	
	N/A	Phosphorus compounds	

X	CAS No.	Chemical Name	TPY
	85-44-9	Phthalic anhydride	
	1336-36-3	Polychlorinated biphenyls (PCBs) (Aroclors)	
	1120-71-4	1,3-Propane sultone	
	57-57-8	beta-Propiolactone	
	123-38-6	Propionaldehyde	
	114-26-1	Propoxur (Baygon)	
	78-87-5	Propylene dichloride (1,2-Dichloropropane)	
	75-56-9	Propylene oxide	
	75-55-8	1,2-Propylenimine (2-Methylaziridine)	
	91-22-5	Quinoline	
	106-51-4	Quinone (p-Benzoquinone)	
	100-42-5	Styrene	
	96-09-3	Styrene oxide	
	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	
	79-34-5	1,1,2,2-Tetrachloroethane	
	127-18-4	Tetrachloroethylene (Perchloroethylene)	
	7550-45-0	Titanium tetrachloride	
	108-88-3	Toluene	
	95-80-7	Toluene-2,4-diamine	
	584-84-9	2,4-Toluene diisocyanate (TDI)	
	95-53-4	o-Toluidine	
	8001-35-2	Toxaphene (Chlorinated camphene)	
	120-82-1	1,2,4-Trichlorobenzene	
	79-00-5	1,1,2-Trichloroethane	
	79-01-6	Trichloroethylene	

X	CAS No.	Chemical Name	TPY
	95-95-4	2,4,5-Trichlorophenol	
	88-06-2	2,4,6-Trichlorophenol	
	121-44-8	Triethylamine	
	1582-09-8	Trifluralin	
	540-84-1	2,2,4-Trimethylpentane	
	108-05-4	Vinyl acetate	
	593-60-2	Vinyl bromide	
	75-01-4	Vinyl chloride	
	75-35-4	Vinylidene chloride (1,1-Dichloroethylene)	
	1330-20-7	Xylene (mixed isomers)	
	95-47-6	o-Xylene	
	108-38-3	m-Xylene	
	106-42-3	p-Xylene	
	N/A	Antimony compounds	
	N/A	Arsenic compounds (inorganic including arsine)	
	N/A	Beryllium compounds	
	N/A	Cadmium compounds	
	N/A	Chromium compounds	
	N/A	Cobalt compounds	
	N/A	Coke oven emissions	
	N/A	Cyanide compounds (1)	
	N/A	Glycol ethers (2)	
	N/A	Lead compounds (excluding elemental lead)	
	N/A	Manganese compounds	
	N/A	Mercury compounds	

X	CAS No.	Chemical Name	TPY
	N/A	Fine mineral fibers (3)	
	N/A	Nickel compounds	
	N/A	Polycyclic Organic Matter (4)	
	N/A	Radionuclides (including radon) (5)	
	N/A	Selenium compounds	

Note: For all listings above which contain the word "compounds" and for glycol ethers, the following applies: Unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical (i.e., antimony, arsenic, etc.) as part of that chemical's infrastructure.

(1) X′CN where X = H′ or any other group where a formal dissociation may occur. For example, KCN or $Ca(CN)_2$

(2) Includes mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol $R\text{-}(OCH_2CH_2)_n\text{-}OR'$

where:

n = 1,2, or 3

R = alkyl or aryl groups

R′ = R, H, or groups which, when removed, yield glycol ethers with the structure: $R\text{-}(OCH_2CH)_n\text{-}OH$. Polymers are excluded from the glycol category.

(3) Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less.

(4) Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100°C.

(5) A type of atom which spontaneously undergoes radioactive decay.

* Methyl Ethyl Ketone (MEK) has been de-listed as a HAP by the EPA effective January 1, 2006.

III. Emissions Data

Indicate the total HAP emissions for all HAPs listed on this form that are emitted from this source. Indicate the emissions/calendar year being reported. Indicate from the choices given, which method that was used to determine the reported emission values.

Total HAP Emissions _____ Tons Per Year (TPY)

Emission/Calendar Year _____

Emissions Method Code _____

1 Calculations based upon **Stack Test Data**
2 Calculations based on a **Material Balance** approach
3 Calculations based on a **Standard Federal Emission Factor**
4 Estimate based on **Best Engineering Judgement / Guess** considerations
5 Calculations based on non-standard **User Supplied Emission Factor**
6 Determinations based on **Engineering Data / Calculations ***
7 Calculations based on **Material Quantity and Composition**
8 Calculations based on **Continuous Emission Monitoring (CEM) Data**
9 Calculations based upon application of **AP-42 Methodology**

* This method is appropriate when all other methods have been excluded. This determination can be a combination of several of the other methods listed; such as a material balance in combination with source testing, or the use of any other method for determining emission factors or final emission results.

IV. Data Certification

Based on available information and beliefs formed, after reasonable inquiry, I certify that the statements and information in this document are true, accurate, and complete.

Name of Signatory ***** _____
(please print the name of company official)

Title _____ Phone No. _____

Signature ***** _____ Date _____

***** Certifying individual must be a responsible company official, pursuant to APCD Regulation 2.16, Section 3.5.11 once a Title V permit has been issued to the company. For all other permitted sources, the Signatory shall be an authorized person of the company.