



**ALLEGHENY COUNTY HEALTH DEPARTMENT
AIR QUALITY PROGRAM**

301 39TH STREET, CLACK HEALTH CENTER BUILDING 7, PITTSBURGH, PA 15201-1811
PHONE 412.578.8103 • 24-HR: 412.687.ACHD (2243)
WWW.ALLEGHENYCOUNTY.US/HEALTHDEPARTMENT

INSTRUCTIONS FOR COMPLETING PERMIT APPLICATION

GENERAL INFORMATION - This is a source permit application. A source is an entire facility. It includes all processes, heating units, fugitive sources, and miscellaneous sources of any type of air pollutant. For more information on a source definition, see Article XXI. A permit issued under this program will replace all previous permits issued to a source.

This package is designed to assist you in completing an application for an Installation or Operating Permit. If the information needed is more than space allows, attach additional information and label appropriately. Attach or include any additional information that would be useful in reviewing your applications. If a question does not apply to you or your source, write or type "NA" in the appropriate box.

An electronic version of the application may be submitted, but the application must have all valid signatures. If you calculate emissions by spreadsheet, please submit a live version in Microsoft Excel to provide the reviewer with an easier method to review calculations.

Submit all application forms and fees to:

Allegheny County Health Department, Air Quality Program
301 39th Street
Building #7
Pittsburgh, PA 15201

Or if submitting electronically:

AQPermits@AlleghenyCounty.us

If you have submitted an annual emission inventory to the County, use the information from the last inventory to complete this application. The information on actual emissions and on a "normal schedule" should be compatible with the information on the emission inventory, or else include an explanation on why the data has changed.

When the form is completed, and all additional information included or attached, use the space provided at the bottom of the form to number each page and give your company name. This is to be able to keep your documents in order.

There are several Forms to be attached to this application. Include only those forms that pertain to the emission units at your source, your facility. Make as many copies of each form as necessary to report on each emission unit. If you are using an electronic copy of the forms, you may expand the space within a form to completely answer a question.

In Form 1, the main application form, there is a section (section 13) to list the number and type of the other required forms that you have included. The application is divided into separate Forms 1 and A-N, which report on various operations, emissions, and control strategies.

Any questions may be directed to the Chief Engineer at 412-578-8103 or AQPermits@AlleghenyCounty.us.

SUPPLEMENTAL INFORMATION TO ASSIST THE PREPARER OF THIS APPLICATION

SECTION A – DESCRIPTION OF ACTIVITY SIC TYPE CODES: The following list of codes has been provided to identify specific types of information requested within the Permit Application.

DIVISION A. AGRICULTURE, FORESTRY, FISHING

- 01 Agric Production – Crops
- 02 Agric Production – Livestock & Animal Specialties
- 03 (Reserved)
- 04 (Reserved)
- 05 (Reserved)
- 06 (Reserved)
- 07 Agric Services
- 08 Forestry
- 09 Fishing, Hunting & Trapping

DIVISION B. MINING

- 10 Metal Mining
- 11 (Reserved)
- 12 Coal Mining
- 13 Oil & Gas Extraction
- 14 Mining & Quarrying of NonMetallic Minerals, Except Fuels

DIVISION C. CONSTRUCTION

- 15 Building Constr – General Contractors & Operative Builders
- 16 Heavy Constr Other Than Building Constr – General Contractors
- 17 Constr – Special Trade Construction
- 18 (Reserved)
- 19 (Reserved)

DIVISION D. MANUFACTURING

- 20 Food & Kindred Products
- 21 Tobacco Products
- 22 Textile Mill Products
- 23 Apparel & Other Finished Products Made From Fabrics & Similar Materials
- 24 Lumber & Wood Products, Except Furniture
- 25 Furniture & Fixtures
- 26 Paper & Allied Products
- 27 Printing, Publishing & Allied Industries
- 28 Chemicals & Allied Products
- 29 Petroleum Refining & Related Industries
- 30 Rubber & Misc Plastics Products
- 31 Leather & Leather Products
- 32 Stone, Clay, Glass & Concrete Products
- 33 Primary Metals Industries
- 34 Fabricated Metal Products, Except Machinery & Transportation Equip
- 35 Industrial & Commercial Machinery & Computer Equip
- 36 Electrical & Other Electronic Equip & Components, Except Computer Equip
- 37 Transportation Equip
- 38 Measuring, Analyzing & Controlling Instruments; Photographic, Medical, & Optical Goods; Watches Clocks
- 39 Misc Manufacturing Industries

DIVISION E. TRANSPORTATION, COMMUNICATIONS,

- 81 Legal Services

ELECTRIC, GAS, AND SANITARY SERVICES

- 40 Railroad Transportation
- 41 Local and Suburban Transit & Interurban Highway Passenger Transportation
- 42 Motor Freight Transportation & Warehousing
- 43 US Postal Service
- 44 Water Transportation
- 45 Transportation by Air
- 46 Pipe Lines, Except Natural Gas
- 47 Transportation Services
- 48 Communication
- 49 Electric, Gas & Sanitary Services

DIVISION F. WHOLESALE TRADE

- 50 Wholesale Trade – Durable Goods
- 51 Wholesale Trade – NonDurable Goods

DIVISION G. RETAIL TRADE

- 52 Building Materials, Hardware, Garden Supply & Mobile Home Dealers
- 53 General Merchandise Stores
- 54 Food Stores
- 55 Automotive Dealers & Gasoline Service Station
- 56 Apparel & Accessory Stores
- 57 Home Furniture, Furnishings & Equip Stores
- 58 Eating & Drinking Places
- 59 Misc Retail

DIVISION H. FINANCE, INSURANCE, AND REAL ESTATE

- 60 Depository Institutions
- 61 NonDepository Credit Institutions
- 62 Security & Commodity Brokers, Dealers, Exchanges & Services
- 63 Insurance Carriers
- 64 Insurance Agents, Brokers & Service
- 65 Real Estate
- 66 (Reserved)
- 67 Holding & Other Investment Offices
- 68 (Reserved)
- 69 (Reserved)

DIVISION I. SERVICES

- 70 Hotels, Rooming Houses, Camps & Other Lodging Places
- 71 (Reserved)
- 72 Personal Services
- 73 Business Services
- 74 (Reserved)
- 75 Automotive Repair
- 76 Misc Repair Services
- 77 (Reserved)
- 78 Motion Pictures
- 79 Amusement & Recreation Services
- 80 Health Services

- 82 Educational Services
- 83 Social Service
- 84 Museums, Art Galleries, Botanical & Zoological Gardens
- 85 (Reserved)
- 86 Membership Organizations
- 87 Engineering, Accounting, Research, Management & Related
- 88 Private Households
- 89 Misc Services

DIVISION J. PUBLIC ADMINISTRATION

- 90 (Reserved)
- 91 Executive, Legislative & General Government, Except Finance
- 92 Justice, Public Order & Safety
- 93 Public Finance, Taxation & Monetary Policy
- 94 Administration of Human Resources Programs
- 95 Administration of Environmental Quality & Housing Programs
- 96 Administration of Economic Programs
- 97 National Security & International Affairs
- 98 (Reserved)

DIVISION K. NONCLASSIFIABLE ESTABLISHMENTS

- 99 NonClassifiable Establishments

SECTION 2 – APPLICANT INFORMATION: Applicant Type Codes.

- | | |
|-----------------------------|----------------------------|
| 01 PA Corporation | 06 Municipality |
| 02 Non-PA Corporation | 07 Municipal Authority |
| 03 Individuals | 08 State Agency |
| 04 Partnership | 09 Federal Agency |
| 05 Association/Organization | 10 Other (Explain on Form) |

SECTION 2 – APPLICANT INFORMATION: Relationship of Applicant to Permitted Activity Type Codes.

- | | |
|---------------------|-------------------------------------|
| 01 Owner | 06 Lease & Operator |
| 02 Operator | 07 Contractor for Owner or Operator |
| 03 Owner & Operator | 08 Agent for Owner or Operator |
| 04 Lessee | 09 Other (Explain on Form) |

ARTICLE XXI SECTION 2102.20 HAZARDOUS AIR POLLUTANTS: Hazardous Air Pollutants means any of the following air pollutants:

Chemical Abstract Service # (CAS #)	Chemical Name	Chemical Abstract Service # (CAS #)	Chemical Name
75070	Acetaldehyde	98828	Cumene
60355	Acetamide	94757	2,4-D, salts and esters
75058	Acetonitrile	3547044	DDE
98862	Acetophenone	334883	Diazomethane
53963	2-Acetylaminofluorene	132649	Dibenzofurane
107028	Acrolein	96128	1,2-Dibromo-3-chloropropane
79061	Acrylamide	84742	Dibutylphthalate
79107	Acrylic Acid	106467	1,4-Dichlorobenzene(p)
107131	Acrylonitrile	91941	3,3-Dichlorobenzidene
107051	Allyl chloride	111444	Dichloroethyl ether (Bis(2-chloroethyl)ether)
92671	4-Aminobiphenyl	542756	1,3-Dichloropropene
62533	Aniline	62737	Dichlorvos
90040	o-Anisidine	111422	Diethanolamine
1332214	Asbestos	121697	N,N-Diethyl aniline (N,N-Dimethylaniline)
71432	Benzene	64675	Diethyl sulfate
92875	Benzidine	119904	3,3-Dimethoxybenzidine
98077	Benzotrichloride	60117	Dimethyl aminoazobenzene
100447	Benzyl chloride	119937	3,3-Dimethyl benzidine
92524	Biphenyl	79447	Dimethyl carbamoyl chloride
117817	Bis(2-ethylhexyl)-phthalate	68122	Dimethyl formamide
542881	Bis(chloromethyl)ether	57147	1,1-Dimethyl hydrazine
75252	Bromoform	131113	Dimethyl phthalate
106990	1,3-Butadiene	77781	Dimethyl sulfate
156627	Calcium cyanamide	534521	4,6-Dinitro-o-cresol, and salts
105602	Caprolactum	51285	2,4-Dinitrophenol
133062	Captan	121142	2,4-Dinitrotoluene
63252	Carbaryl	123911	1,4-Dioxane (1,4-Diethyleneoxide)
75150	Carbon disulfide	122667	1,2-Diphenylhydrazine
56235	Carbon tetrachloride	106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
463581	Carbonyl sulfide	106887	1,2-Epoxybutane
120809	Catechol	140885	Ethyl acrylate
133904	Chloramben	100414	Ethyl benzene
57749	Chlordane	51796	Ethyl carbamate (Urethane)
7782505	Chlorine	75003	Ethyl chloride (Chloroethane)
79118	Chloroacetic Acid	106394	Ethylene dibromide (Dibromoethane)
532274	2-Chloroacetophenone	107062	Ethylene dichloride (1,2-Dichloroethane)
108907	Chlorobenzene	107211	Ethylene glycol
510156	Chlorobenzilate	151564	Ethylene imine (Aziridine)
67663	Chloroform	75218	Ethylene oxide
107302	Chloromethyl methyl ether	96457	Ethylene thiourea
126998	Chloroprene	75343	Ethylidene dichloride (1,1-Dichloroethane)
1319773	Cresols/Cresylic acid (isomers and mixture)	50000	Formaldehyde
95487	o-Cresol	76448	Heptachlor
108394	m-Cresol	118741	Hexachlorobenzene
106445	p-Cresol	87683	Hexachlorobutadiene

ARTICLE XXI SECTION 2102.20 HAZARDOUS AIR POLLUTANTS (Continued): Hazardous Air Pollutants means any of the following air pollutants:

Chemical Abstract Service # (CAS #)	Chemical Name	Chemical Abstract Service # (CAS #)	Chemical Name
77474	Hexachlorocyclopentadiene	1336363	Polychlorinated biphenyls (Aroclors)
67721	Hexachloroethane	1120714	1,3-Propane sultone
822060	Hexamethylene-1,6-diisocyanate	57578	beta-Propiolactone
680319	Hexamethylphosphoramide	122386	Propionaldehyde
110543	Hexane	114261	Propoxur (Baygon)
302012	Hydrazine	78875	Propylene dichloride (1,2-Dichloropropane)
7647010	Hydrochloric acid	75569	Propylene oxide
7664393	Hydrogen fluoride (Hydrofluoric acid)	75558	1,2-Propylenimine
123319	Hydroquinone	91225	Quinoline
78591	Isophorone	106514	Quinone
58899	Lindane (all isomers)	100425	Styrene
108316	Maleic anhydride	96093	Styrene oxide
67561	Methanol	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin
72435	Methoxychlor	79345	1,1,2,2-Tetrachlorethane
74839	Methyl bromide (Bromomethane)	127184	Tetrachloroethylene (Perchloroethylene)
74873	Methyl chloride (Chloromethane)	7550450	Titanium tetrachloride
71556	Methyl chloroform (1,1,1-Trichloroethane)	108883	Toluene
78933	Methyl ethyl ketone (2-Butanone)	95807	2,4-Toluene diamine
60344	Methyl Hydrazine	584849	2,4-Toluene diisocyanate
74884	Methyl iodide (Iodomethane)	95534	o-Toluidine
108101	Methyl isobutyl ketone (Hexone)	8001352	Toxaphene (chlorinated camphene)
624839	Methyl isocyanate	120821	1,2,4-Trichlorobenzene
80626	Methyl methacrylate	79005	1,1,2-Trichloroethane
1634044	Methyl tert butyl ether	79016	Trichloroethylene
101144	4,4-Methylene bis(2-chloroaniline)	95954	2,4,5-Trichlorophenol
75092	Methylene chloride (Dichloromethane)	88062	2,4,6-Trichlorophenol
101688	Methylene diphenyl diisocyanate (MDI)	121448	Triethylamine
101779	4,4-Methylenedianiline	1582098	Trifluralin
91203	Naphthalene	540841	2,2,4-Trimethylpentane
98953	Nitrobenzene	108054	Vinyl Acetate
92933	4-Nitrobiphenyl	593602	Vinyl Bromide
100027	4-Nitrophenol	75014	Vinyl Chloride
79469	2-Nitropropane	75354	Vinylidene chloride (1,1-Dichloroethylene)
684935	N-Nitroso-N-methylurea	1330207	Xylenes (isomers and mixture)
62759	N-Nitrosodimethylamine	95476	o-Xylenes
59892	N-Nitrosomorpholine	108383	m-Xylenes
56382	Parathion	106423	p-Xylenes
82688	Pentachloronitrobenzene (Quintobenzene)	0	Antimony Compounds
87865	Pentachlorophenol	0	Arsenic Compounds (inorganic include. arsine)
108952	Phenol	0	Beryllium Compounds
106503	p-Phenylenediamine	0	Cadmium Compounds
75545	Phosgene	0	Chromium Compounds
7803512	Phospine	0	Cobalt Compounds
7723140	Phosporus	0	Coke Oven Emissions
85449	Phthalic anhydride	0	Cyanide Compounds ¹

ARTICLE XXI SECTION 2102.20 HAZARDOUS AIR POLLUTANTS (Continued): Hazardous Air Pollutants
means any of the following air pollutants:

**Chemical
Abstract
Service #
(CAS #)**

Chemical Name

**Chemical
Abstract
Service #
(CAS #)**

Chemical Name

0	Glycol ethers ²	0	Nickel Compounds
0	Lead Compounds	0	Polycyclic Organic Matter ⁴
0	Manganese Compounds	0	Radionuclides (including radon) ⁵
0	Mercury Compounds	0	Selenium Compounds
0	Fine Mineral Fibers ³		

The list of pollutants above is hereby modified to be consistent with the list of pollutants established by the EPA under Section 112(b) of the Clean Air Act, effective on the effective date of any additions, revisions, or deletions to such Section 112(b) list as established by the federal government, unless otherwise established by regulation under this Article. *{amended September 6, 1995, effective October 20, 1995}*

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-(OCH₂CH₂)_n- 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-(OCH₂CH)n-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 of one (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.