**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**DIVISION OF AIR QUALITY**

**601 57th Street, SE, Charleston, WV 25304 Phone: (304)926-0475 Fax: (304)926-0479**

**CERTIFIED EMISSIONS STATEMENT (CES) REGISTRATION FORM**

45 CSR 30 (CAAA Title V)

type or print in ink only, do not use pencil

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | | | | | | | Date: | |  | | | | | | | | |
| Organization/Facility Information: | | | | | | | Is this a Revision? | | | | |  | | Yes | |  | No |
| Name of Organization: | |  | | | | | Type of Facility: | | |  | | | | | | | |
| Name or ID of Facility: | |  | | | | | Location or Nearest Town: | | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| Address: |  | | |  |  | | |  | | | | | SIC Code: | |  | | |
|  | (Street or P.O. Box) | | | City | State | | | Zip Code | | | | |  | | |
| Contact Name: | | |  | | | | Telephone #: | | | |  | | | | | | |
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|  | | | | | | DAQ ID No:\* | |  | | | | | | | | | |
|  | | | | | | \*Agency Use Only | | | | | | | | | | | |

Section A: Title V Applicability Determination

The stationary source for which this worksheet is filed:

1. Has the potential to emit (PTE) 10 TPY or more of one (1) hazardous air pollutant (HAP) or 25 TPY or more for any combination of HAPs listed in Table 45-30A of 45CSR30.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | YES |  |  | NO |

2. Has the PTE 100 TPY or more of any (1) one air pollutant listed on Table 2 of Section B and Table 45-30B of 45CSR30.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | YES |  |  | NO |

3. Is subject to an emission standard(s) promulgated under Section 111 of the Clean Air Act (40 CFR Part 60).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | YES |  |  | NO |

4. Is subject to an emission standard(s) promulgated under Section 112 of the Clean Air Act (including 40 CFR Part 61 and 40 CFR Part 63).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | YES |  |  | NO |

1. Is an affected source under the Acid Rain Program of Title IV of the 1990 Clean Air Act Amendments.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | YES |  |  | NO |
|  |  |  |  |  |

Section B: PTE Determination

Table 1: Report **Potential** emissions of all HAPs listed in Attachment A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HAPS**  **(LIST EACH)** | **POINT**  **(TPY)** | **FUGITIVE**  **(TPY)** | **SECONDARY**  **(TPY)** | **PM,**  **VOC, or**  **OTHER** | **TOTAL**  **(TPY** |
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|  | | | | **TOTAL** |  |

Section B: PTE Determination Continued

Table 2: Report **Potential** Emissions of all the Following Air Pollutants.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POLLUTANT** | **POINT**  **(TPY)** | **FUGITIVE**  **(TPY** | **SECONDARY**  **(TPY)** | **TOTAL**  **(TPY)** |
| PM |  |  |  |  |
| PM10 |  |  |  |  |
| NOx |  |  |  |  |
| SO2 |  |  |  |  |
| CO |  |  |  |  |
| VOC |  |  |  |  |
| O3 |  |  |  |  |
| Lead |  |  |  |  |
| Fluorides |  |  |  |  |
| Sulfuric Acid Mist |  |  |  |  |
| Hydrogen Sulfide |  |  |  |  |
| Total Reduced Sulfur Compounds |  |  |  |  |
| Reduced Sulfur Compounds |  |  |  |  |
| Report Below of PTE Class I and Class II Substances (List Each One)  See Attachment B | | | | |
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**EMISSION STATEMENT CERTIFICATION**

I, the undersigned, hereby certify, that I am a responsible official, as defined in 45 CSR 30, that I have examined and that I am personally familiar with the information reported in my companys emission statement, including the Title V applicability determination contained therein.

Such examination has shown that my company: (check)

|  |  |  |
| --- | --- | --- |
|  |  | **is not subject to the title V permit program,** |
|  | |

|  |  |  |
| --- | --- | --- |
|  |  | **is subject to the Title V program and is required to submit an application for a Title V operating permit according to the schedule outlined in 45 CSR 30 and pay Title V fees based on actual emissions from the most recent calendar year.** |
|  | |

Based on my inquiry of those individuals with primary responsibility for obtaining all information including emission data, I certify that the information is to my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.

|  |  |  |  |
| --- | --- | --- | --- |
| BY: |  |  |  |
|  | Authorized Signature |  | Date |
|  |  |  |  |
|  | Typed or printed name of Signatory |  | Title of Signatory |

**Attachment A**

**List of HAPs per 1990 Clean Air Act Amendments, §112(b)**

| CAS Number | HAP | CAS Number | HAP |
| --- | --- | --- | --- |
| 75070 | Acetaldehyde (voc) | 302012 | Hydrazine |
| 60335 | Acetamide (voc) | 7647010 | Hydrochloric acid |
| 75058 | Acetonitrile (voc) | 7664393 | Hydrogen fluoride (Hydrofluoric acid) |
| 98862 | Acetophenone (voc) | 123319 | Hydroquinone (voc) |
| 53963 | 2-Acetylaminofluorene (voc) | 78591 | Isophorone (voc) |
| 107028 | Acrolein (voc) | 58899 | Lindane (all isomers) (voc) |
| 79061 | Acrylamide (voc) | 108316 | Maleic anhydride (voc) |
| 79107 | Acrylic acid (voc) | 67561 | Methanol (voc) |
| 107131 | Acrylonitrile (voc) | 72435 | Methoxychlor (voc) |
| 107051 | Allyl chloride (voc) | 74839 | Methyl bromide (Bromomethane) (voc) |
| 92671 | 4-Aminobiphenyl (voc) | 74873 | Methyl chloride (Chloromethane) (voc) |
| 62533 | Aniline (voc) | 71556 | Methyl chloroform (1,1,1-Trichloroethane) |
| 90040 | o-Anisidine (voc) | ~~78933~~ | ~~Methyl ethyl ketone (2-Butanone) (voc)~~ delisted 12/19/2005 |
| 1332214 | Asbestos (TSP) | 60344 | Methyl hydrazine (voc) |
| 71432 | Benzene (including benzene from gasoline) (voc) | 74884 | Methyl iodide (Iodomethane) (voc) |
| 92875 | Benzidine (voc) | 108101 | Methyl isobutyl ketone (Hexone) (voc) |
| 98077 | Benzotrichloride (voc) | 624839 | Methyl isocyanate (voc) |
| 100447 | Benzyl chloride (voc) | 80626 | Methyl methacrylate (voc) |
| 92524 | Biphenyl (voc) | 1634044 | Methyl tert butyl ether (voc) |
| 117817 | Bis(2-ethylhexyl)phthalate (DEHP) (voc) | 101144 | 4,4-Methylene bis(2-chloroaniline) (voc) |
| 542881 | Bis(chloromethyl)ether (voc) | 75092 | Methylene chloride (Dichloromethane) |
| 75252 | Bromoform (voc) | 101688 | Methylene diphenyl diisocyanate (MDI) (voc) |
| 106990 | 1,3-Butadiene (voc) | 101779 | 4,4-Methylenedianiline (voc) |
| 156627 | Calcium cyanamide (voc) | 91203 | Naphthalene (voc) |
| ~~105602~~ | ~~Caprolactam (voc)~~ delisted 61FR30816, 6/18/96 | 98953 | Nitrobenzene (voc) |
| 133062 | Captan (voc) | 92933 | 4-Nitrobiphenyl (voc) |
| 63252 | Carbaryl (voc) | 100027 | 4-Nitrophenol (voc) |
| 75150 | Carbon disulfide (voc) | 79469 | 2-Nitropropane (voc) |
| 56235 | Carbon tetrachloride (voc) | 684935 | N-Nitroso-N-methylurea (voc) |
| 463581 | Carbonyl sulfide (voc) | 62759 | N-Nitrosodimethylamine (voc) |
| 120809 | Catechol (voc) | 59892 | N-Nitrosomorpholine (voc) |
| 133904 | Chloramben (voc) | 56382 | Parathion (voc) |
| 57749 | Chlordane (voc) | 82688 | Pentachloronitrobenzene (Quintobenzene) (voc) |
| 7782505 | Chlorine | 87865 | Pentachlorophenol (voc) |
| 79118 | Chloroacetic acid (voc) | 108952 | Phenol (voc) |
| 532274 | 2-Chloroacetophenone (voc) | 106503 | p-Phenylenediamine (voc) |
| 108907 | Chlorobenzene (voc) | 75445 | Phosgene (voc) |
| 510156 | Chlorobenzilate (voc) | 7803512 | Phosphine |
| 67663 | Chloroform (voc) | 7723140 | Phosphorus (voc) |
| 107302 | Chloromethyl methyl ether (voc) | 85449 | Phthalic anhydride (voc) |
| 126998 | Chloroprene (voc) | 1336363 | Polychlorinated biphenyls (Aroclors) (voc) |
| 1319773 | Cresols/Cresylic acid (isomers and mixture)(voc) | 1120714 | 1,3-Propane sultone (voc) |
| 95487 | o-Cresol (voc) | 57578 | beta-Propiolactone (voc) |
| 108394 | m-Cresol (voc) | 123386 | Propionaldehyde (voc) |
| 106445 | p-Cresol (voc) | 114261 | Propoxur (Baygon) (voc) |
| 98828 | Cumene (voc) | 78875 | Propylene dichloride (1,2-Dichloropropane) (voc) |
| 94757 | 2,4-D, salts and esters (voc) | 75569 | Propylene oxide (voc) |
| 3547044 | DDE (voc) | 75558 | 1,2-Propylenimine (2-Methyl aziridine) (voc) |
| 334883 | Diazomethane (voc) | 91225 | Quinoline (voc) |
| 132649 | Dibenzofurans (voc) | 106514 | Quinone (voc) |
| 96128 | 1,2-Dibromo-3-chloropropane (voc) | 100425 | Styrene (voc) |
| 84742 | Dibutylphthalate (voc) | 96093 | Styrene oxide (voc) |
| 106467 | 1,4-Dichlorobenzene(p) (voc) | 1746016 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin (voc) |
| 91941 | 3,3-Dichlorobenzidene (voc) | 79345 | 1,1,2,2-Tetrachloroethane (voc) |
| 111444 | Dichloroethyl ether (Bis(2-chloroethyl)ether)(voc) | 127184 | Tetrachloroethylene (Perchloroethylene) |
| 542756 | 1,3-Dichloropropene (voc) | 7550450 | Titanium tetrachloride (TSP) |
| 62737 | Dichlorvos (voc) | 108883 | Toluene (voc) |
| 111422 | Diethanolamine (voc) | 95807 | 2,4-Toluene diamine (voc) |
| 121697 | N,N-Diethyl aniline (N,N-Dimethylaniline)(voc) | 84849 | 2,4-Toluene diisocyanate (voc) |
| 64675 | Diethyl sulfate (voc) | 95534 | o-Toluidine (voc) |
| 119904 | 3,3-Dimethoxybenzidine (voc) | 8001352 | Toxaphene (chlorinated camphene) (voc) |
| 60117 | Dimethyl aminoazobenzene (voc) | 120821 | 1,2,4-Trichlorobenzene (voc) |
| 119937 | 3,3-Dimethyl benzidine (voc) | 79005 | 1,1,2-Trichloroethane (voc) |
| 79447 | Dimethyl carbamoyl chloride (voc) | 79016 | Trichloroethylene (voc) |
| 68122 | Dimethyl formamide (voc) | 95954 | 2,4,5-Trichlorophenol (voc) |
| 57147 | 1,1-Dimethyl hydrazine (voc) | 88062 | 2,4,6-Trichlorophenol (voc) |
| 131113 | Dimethyl phthalate (voc) | 121448 | Triethylamine (voc) |
| 77781 | Dimethyl sulfate (voc) | 1582098 | Trifluralin (voc) |
| 534521 | 4,6-Dinitro-o-cresol, and salts (voc) | 54084 | 1 2,2,4-Trimethylpentane (voc) |
| 51285 | 2,4-Dinitrophenol (voc) | 108054 | Vinyl acetate (voc) |
| 121142 | 2,4-Dinitrotoluene (voc) | 593602 | Vinyl bromide (voc) |
| 123911 | 1,4-Dioxane (1,4-Diethyleneoxide) (voc) | 75014 | Vinyl chloride (voc) |
| 122667 | 1,2-Diphenylhydrazine (voc) | 75354 | Vinylidene chloride (1,1-Dichloroethylene) (voc) |
| 106898 | Epichlorohydrin (I-Chloro-2,3-epoxypropane) (voc) | 1330207 | Xylenes (isomers and mixture) (voc) |
| 106887 | 1,2-Epoxybutane (voc) | 95476 | o-Xylenes (voc) |
| 140885 | Ethyl acrylate (voc) | 108383 | m-Xylenes (voc) |
| 100414 | Ethyl benzene (voc) | 106423 | p-Xylenes (voc) |
| 51796 | Ethyl carbamate (Urethane) (voc) | 0 | Antimony Compounds (TSP) |
| 75003 | Ethyl chloride (Chloroethane) (voc) | 0 | Arsenic Compounds(inorganic including arsine)(TSP) |
| 106934 | Ethylene dibromide (Dibromoethane) (voc) | 0 | Beryllium Compounds (TSP) |
| 107062 | Ethylene dichloride (1,2-Dichloroethane) (voc) | 0 | Cadmium Compounds (TSP) |
| 107211 | Ethylene glycol (voc) | 0 | Chromium Compounds (TSP) |
| 151564 | Ethylene imine (Aziridine) (voc) | 0 | Cobalt Compounds (TSP) |
| 75218 | Ethylene oxide (voc) | 0 | Coke Oven Emissions (voc) |
| 96457 | Ethylene thiourea (voc) | 0 | Cyanide Compounds 1 (TSP) |
| 75343 | Ethylidene dichloride (1,1-Dichloroethane) (voc) | 0 | Glycol ethers 2 (voc) |
| 50000 | Formaldehyde (voc) | 0 | Lead Compounds (TSP) |
| 76448 | Heptachlor (voc) | 0 | Manganese Compounds (TSP) |
| 118741 | Hexachlorobenzene (voc) | 0 | Mercury Compounds (TSP) |
| 87683 | Hexachlorobutadiene (voc) | 0 | Fine mineral fibers 3 (TSP) |
| 77474 | Hexachlorocyclopentadiene (voc) | 0 | Nickel Compounds (TSP) |
| 67721 | Hexachloroethane (voc) | 0 | Polycylic Organic Matter 4 (voc) |
| 822060 | Hexamethylene-1,6-diisocyanate (voc) | 0 | Radionuclides (including radon)5 |
| 680319 | Hexamethylphosphoramide (voc) | 0 | Selenium Compounds (TSP) |
| 110543 | Hexane (voc) |  |  |
| 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. Revised per 65FR47342, 8/2/2000 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 C7 or less; or R = phenyl or alkyl substituted phenyl; R’ = H or alkyl C7 or less; or OR’consisting of carboxylic acid ester, Sulfate, phosphate, nitrate, or sulfonate. Ethylene Glycol monoButyl Ether (EGBE) was removed as a glycol ether compound 11/29/2004 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 100oC. 5. A type of atom which spontaneously undergoes radioactive decay. | | | |

**Attachment B**

**Class I and II Ozone-depleting Substances**

*Class I Ozone-depleting Substances*

| CAS Number | Class I Ozone-depleting Substance | CAS Number | Class I Ozone-depleting Substance |
| --- | --- | --- | --- |
| 75-69-4 | CFC-11 (CCl3F) Trichlorofluoromethane | -- | C2H2FBr3 |
| 75-71-8 | CFC-12 (CCl2F2) Dichlorodifluoromethane | -- | C2H2F2Br2 |
| 76-13-1 | CFC-113 (C2F3Cl3) 1,1,2-Trichlorotrifluoroethane | -- | C2H2F3Br |
| 76-14-2 | CFC-114 (C2F4Cl2) Dichlorotetrafluoroethane | -- | C2H3FBr2 |
| 76-15-3 | CFC-115 (C2F5Cl) Monochloropentafluoroethane | -- | C2H3F2Br |
| 353-59-3 | Halon 1211 (CF2ClBr) Bromochlorodifluoromethane | -- | C2H4FBr |
| 75-63-8 | Halon 1301 (CF3Br) Bromotrifluoromethane | -- | C3HFBr6 |
| 124-73-2 | Halon 2402 (C2F4Br2) Dibromotetrafluoroethane | -- | C3HF2Br5 |
| 75-72-9 | CFC-13 (CF3Cl) Chlorotrifluoromethane | -- | C3HF3Br4 |
| 354-56-3 | CFC-111 (C2FCl5) Pentachlorofluoroethane | -- | C3HF4Br3 |
| 76-12-0 | CFC-112 (C2F2Cl4) Tetrachlorodifluoroethane | -- | C3HF5Br2 |
| 422-78-6 | CFC-211 (C3FCl7) Heptachlorofluoropropane | -- | C3HF6Br |
| 3182-26-1 | CFC-212 (C3F2Cl6) Hexachlorodifluoropropane | -- | C3H2F2Br4 |
| 2354-06-5 | CFC-213 (C3F3Cl5) Pentachlorotrifluoropropane | -- | C3H2F3Br3 |
| 29255-31-0 | CFC-214 (C3F4Cl4) Tetrachlorotetrafluoropropane | -- | C3H2F4Br2 |
| 4259-43-2 | CFC-215 (C3F5Cl3) Trichloropentafluoropropane | -- | C3H2F5Br |
| 661-97-2 | CFC-216 (C3F6Cl2) Dichlorohexafluoropropane | -- | C3H3FBr4 |
| 422-86-6 | CFC-217 (C3F7Cl) Chloroheptafluoropropane | -- | C3H3F2Br3 |
| 56-23-5 | CCl4 Carbon tetrachloride | -- | C3H3F3Br2 |
| -- | Methyl Chloroform (C2H3Cl3) 1,1,1-trichloroethane | -- | C3H3F4Br |
| -- | Methyl Bromide (CH3Br) | -- | C3H4FBr3 |
| -- | CHFBr2 | -- | C3H4F2Br2 |
| -- | HBFC-12B1(CHF2Br) | -- | C3H4F3Br |
| -- | CH2FBr | -- | C3H5FBr2 |
| -- | C2HFBr4 | -- | C3H5F2Br |
| -- | C2HF2Br3 | -- | C3H6FBr |
| -- | C2HF3Br2 | -- | CH2BrCl Chlorobromomethane |
| -- | C2HF4Br |  |  |

*Class II Ozone-depleting Substances*

| CAS Number | Class II Ozone-depleting Substance | CAS Number | Class II Ozone-depleting Substance |
| --- | --- | --- | --- |
| 75-43-4 | HCFC-21 (CHFCl2) Dichlorofluoromethane | 507-55-1 | HCFC-225cb (C3HF5Cl2) Dichloropentafluoropropane |
| 75-45-6 | HCFC-22 (CHF2Cl) Monochlorodifluoromethane | 431-87-8 | HCFC-226 (C3HF6Cl) Monochlorohexafluoropropane |
| 593-70-4 | HCFC-31 (CH2FCl) Monochlorofluoromethane | 421-94-3 | HCFC-231 (C3H2FCl5) Pentachlorofluoropropane |
| 354-14-3 | HCFC-121 (C2HFCl4) Tetrachlorofluoroethane | 460-89-9 | HCFC-232 (C3H2F2Cl4) Tetrachlorodifluoropropane |
| 354-21-2 | HCFC-122 (C2HF2Cl3) Trichlorodifluoroethane | 7125-84-0 | HCFC-233 (C3H2F3Cl3) Trichlorotrifluoropropane |
| 306-83-2 | HCFC-123 (C2HF3Cl2) Dichlorotrifluoroethane | 425-94-5 | HCFC-234 (C3H2F4Cl2) Dichlorotetrafluoropropane |
| 2837-89-0 | HCFC-124 (C2HF4Cl) Monochlorotetrafluoroethane | 460-92-4 | HCFC-235 (C3H2F5Cl) Monochloropentafluoropropane |
| 359-28-4 | HCFC-131 (C2H2FCl3) Trichlorofluoroethane | 666-27-3 | HCFC-241 (C3H3FCl4) Tetrachlorofluoropropane |
| 1649-08-7 | HCFC-132b (C2H2F2Cl2) Dichlorodifluoroethane | 460-63-9 | HCFC-242 (C3H3F2Cl3) Trichlorodifluoropropane |
| 75-88-7 | HCFC-133a (C2H2F3Cl) Monochlorotrifluoroethane | 460-69-5 | HCFC-243 (C3H3F3Cl2) Dichlorotrifluoropropane |
| 1717-00-6 | HCFC-141b (C2H3FCl2) Dichlorofluoroethane | -- | HCFC-244 (C3H3F4Cl) Monochlorotetrafluoropropane |
| 75-68-3 | HCFC-142b (C2H3F2Cl) Monochlorodifluoroethane | 421-41-0 | HCFC-251 (C3H4FCl3) Monochlorotetrafluoropropane |
| 422-26-4 | HCFC-221 (C3HFCl6) Hexachlorofluoropropane | 819-00-1 | HCFC-252 (C3H4F2Cl2) Dichlorodifluoropropane |
| 422-49-1 | HCFC-222 (C3HF2Cl5) Pentachlorodifluoropropane | 460-35-5 | HCFC-253 (C3H4F3Cl) Monochlorotrifluoropropane |
| 422-52-6 | HCFC-223 (C3HF3Cl4) Tetrachlorotrifluoropropane | 420-97-3 | HCFC-261 (C3H5FCl2) Dichlorofluoropropane |
| 422-54-8 | HCFC-224 (C3HF4Cl3) Trichlorotetrafluoropropane | 421-02-03 | HCFC-262 (C3H5F2Cl) Monochlorodifluoropropane |
| 422-56-0 | HCFC-225ca (C3HF5Cl2) Dichloropentafluoropropane | 430-55-7 | HCFC-271 (C3H6FCl) Monochlorofluoropropane |