

Toxic Air Pollutant Emissions from EMF in Excess of De Minimis Emissions Values

Pollutant	CAS	ASIL Averaging Period	Unabated Emission Rate	De Minimis	Abated Emission Rate	SQER	ASIL (µg/m ³)	Comparison of Unabated Emissions to ASILs		Comparison of Abated Emissions to ASILs	
			(lb/averaging period)	(lb/averaging period)	(lb/averaging period)	(lb/averaging period)		Unabated Ambient Air Impact	Percent of ASIL	Abated Ambient Air Impact	Percent of ASIL
Organics											
N-Nitrosomethylethylamine	10595-95-6	Annual	1.17E+00	1.53E-03	1.17E+00	3.05E-02	1.59E-04	4.60E-07	0.29%	4.60E-07	0.29%
Bis(2-ethylhexyl)phthalate	117-81-7	Annual	1.17E+00	4.00E-01	1.17E+00	8.00E+00	4.17E-02	4.60E-07	0.00%	4.60E-07	0.00%
Aroclors (Total PCB)	1336-36-3	Annual	1.80E+00	1.68E-02	1.80E+00	3.36E-01	1.75E-03	7.07E-07	0.04%	7.07E-07	0.04%
Dibenzo[a,i]pyrene	189-55-9	Annual	1.17E+00	8.72E-04	1.17E+00	1.74E-02	9.09E-05	4.60E-07	0.51%	4.60E-07	0.51%
Dibenzo[a,h]pyrene	189-64-0	Annual	1.17E+00	8.72E-04	1.17E+00	1.74E-02	9.09E-05	4.60E-07	0.51%	4.60E-07	0.51%
Dibenzo(a,l)pyrene	191-30-0	Annual	1.17E+00	8.72E-04	1.17E+00	1.74E-02	9.09E-05	4.60E-07	0.51%	4.60E-07	0.51%
Dibenzo[a,e]pyrene	192-65-4	Annual	1.17E+00	8.72E-03	1.17E+00	1.74E-01	9.09E-04	4.60E-07	0.05%	4.60E-07	0.05%
Indeno(1,2,3-cd)pyrene	193-39-5	Annual	1.17E+00	8.72E-02	1.17E+00	1.74E+00	9.09E-03	4.60E-07	0.01%	4.60E-07	0.01%
Dibenz[a,j]acridine	224-42-0	Annual	1.17E+00	8.72E-02	1.17E+00	1.74E+00	9.09E-03	4.60E-07	0.01%	4.60E-07	0.01%
Dibenz[a,h]acridine	226-36-8	Annual	1.17E+00	8.72E-02	1.17E+00	1.74E+00	9.09E-03	4.60E-07	0.01%	4.60E-07	0.01%
5-Methylchrysene	3697-24-3	Annual	1.17E+00	8.72E-03	1.17E+00	1.74E-01	9.09E-04	4.60E-07	0.05%	4.60E-07	0.05%
3-Methylcholanthrene	56-49-5	Annual	1.17E+00	1.53E-03	1.17E+00	3.05E-02	1.59E-04	4.60E-07	0.29%	4.60E-07	0.29%
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	Annual	1.70E-06	5.05E-07	8.49E-12	1.01E-05	5.26E-08	6.65E-13	0.00%	3.33E-18	0.00%
5-Nitroacenaphthene	602-87-9	Annual	1.17E+00	2.59E-01	1.17E+00	5.18E+00	2.70E-02	4.60E-07	0.00%	4.60E-07	0.00%
Acetamide	60-35-5	Annual	1.17E+00	4.80E-01	1.17E+00	9.59E+00	5.00E-02	4.60E-07	0.00%	4.60E-07	0.00%
N-Nitroso-di-n-propylamine	621-64-7	Annual	3.40E-02	4.80E-03	3.40E-02	9.59E-02	5.00E-04	1.33E-08	0.00%	1.33E-08	0.00%
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	Annual	2.84E-06	2.52E-06	1.42E-11	5.05E-05	2.63E-07	1.11E-12	0.00%	5.57E-18	0.00%
4,4-DDE	72-55-9	Annual	1.17E+00	9.88E-02	1.17E+00	1.98E+00	1.03E-02	4.60E-07	0.00%	4.60E-07	0.00%
Bromodichloromethane	75-27-4	Annual	1.17E+00	2.59E-01	1.17E+00	5.18E+00	2.70E-02	4.60E-07	0.00%	4.60E-07	0.00%
Naphthalene	91-20-3	Annual	3.68E+00	2.82E-01	3.68E+00	5.64E+00	2.94E-02	1.44E-06	0.00%	1.44E-06	0.00%
Inorganics											
Chromium VI	18540-29-9	Annual	1.00E+00	6.40E-05	5.00E-06	1.28E-03	6.67E-06	3.92E-07	5.88%	1.96E-12	0.00%
Cadmium	7440-43-9	Annual	2.82E-02	2.28E-03	1.41E-07	4.57E-02	2.38E-04	1.11E-08	0.00%	5.53E-14	0.00%
Ammonia	7664-41-7	24-hr	1.92E+01	4.65E-01	1.92E+01	9.31E+00	7.08E+01	8.32E-02	0.12%	8.32E-02	0.12%
Dimethyl Mercury	593-74-8	24-hr	1.01E-04	1.00E-99	1.01E-04	1.00E-99	1.00E-99	4.37E-07	>100%	4.37E-07	>100%