

APPENDIX III TO PART 266—TIER II EMISSION RATE SCREENING LIMITS FOR FREE CHLORINE AND HYDROGEN CHLORIDE

Terrain-adjusted effective stack height (m)	Noncomplex terrain				Complex terrain	
	Values for urban areas		Values for rural areas		Values for use in urban and rural areas	
	Cl ₂ (g/hr)	HCl (g/hr)	Cl ₂ (g/hr)	HCl (g/hr)	Cl ₂ (g/hr)	HCl (g/hr)
4	8.2E+01	1.4E+03	4.2E+01	7.3E+02	1.9E+01	3.3E+02
6	9.1E+01	1.6E+03	4.8E+01	8.3E+02	2.8E+01	4.9E+02
8	1.0E+02	1.8E+03	5.3E+01	9.2E+02	4.1E+01	7.1E+02
10	1.2E+02	2.0E+03	6.2E+01	1.1E+03	5.8E+01	1.0E+03
12	1.3E+02	2.3E+03	7.7E+01	1.3E+03	7.2E+01	1.3E+03
14	1.5E+02	2.6E+03	9.1E+01	1.6E+03	9.1E+01	1.6E+03
16	1.7E+02	2.9E+03	1.2E+02	2.0E+03	1.1E+02	1.8E+03
18	1.9E+02	3.3E+03	1.4E+02	2.5E+03	1.2E+02	2.0E+03
20	2.1E+02	3.7E+03	1.8E+02	3.1E+03	1.3E+02	2.3E+03
22	2.4E+02	4.2E+03	2.3E+02	3.9E+03	1.4E+02	2.4E+03
24	2.7E+02	4.8E+03	2.9E+02	5.0E+03	1.6E+02	2.8E+03
26	3.1E+02	5.4E+03	3.7E+02	6.5E+03	1.7E+02	3.0E+03
28	3.5E+02	6.0E+03	4.7E+02	8.1E+03	1.9E+02	3.4E+03
30	3.9E+02	6.9E+03	5.8E+02	1.0E+04	2.1E+02	3.7E+03
35	5.3E+02	9.2E+03	9.6E+02	1.7E+04	2.6E+02	4.6E+03
40	6.2E+02	1.1E+04	1.4E+03	2.5E+04	3.3E+02	5.7E+03
45	8.2E+02	1.4E+04	2.0E+03	3.5E+04	4.0E+02	7.0E+03
50	1.1E+03	1.8E+04	2.6E+03	4.6E+04	4.8E+02	8.4E+03
55	1.3E+03	2.3E+04	3.5E+03	6.1E+04	6.2E+02	1.1E+04
60	1.6E+03	2.9E+04	4.6E+03	8.1E+04	7.7E+02	1.3E+04
65	2.0E+03	3.4E+04	6.2E+03	1.1E+05	9.1E+02	1.6E+04
70	2.3E+03	3.9E+04	7.2E+03	1.3E+05	1.1E+03	1.8E+04
75	2.5E+03	4.5E+04	8.6E+03	1.5E+05	1.2E+03	2.0E+04
80	2.9E+03	5.0E+04	1.0E+04	1.8E+05	1.3E+03	2.3E+04
85	3.3E+03	5.8E+04	1.2E+04	2.2E+05	1.4E+03	2.5E+04
90	3.7E+03	6.6E+04	1.4E+04	2.5E+05	1.6E+03	2.9E+04
95	4.2E+03	7.4E+04	1.7E+04	3.0E+05	1.8E+03	3.2E+04
100	4.8E+03	8.4E+04	2.1E+04	3.6E+05	2.0E+03	3.5E+04
105	5.3E+03	9.2E+04	2.4E+04	4.3E+05	2.3E+03	3.9E+04
110	6.2E+03	1.1E+05	2.9E+04	5.1E+05	2.5E+03	4.5E+04
115	7.2E+03	1.3E+05	3.5E+04	6.1E+05	2.8E+03	5.0E+04
120	8.2E+03	1.4E+05	4.1E+04	7.2E+05	3.2E+03	5.6E+04

[56 FR 32691, July 17, 1991, as amended at 71 FR 40277, July 14, 2006]

APPENDIX IV TO PART 266—REFERENCE AIR CONCENTRATIONS*

Constituent	CAS No.	RAC (ug/m ³)	Constituent	CAS No.	RAC (ug/m ³)
Acetaldehyde	75-07-0	10	Di-n-butyl Phthalate	84-74-2	100
Acetonitrile	75-05-8	10	o-Dichlorobenzene	95-50-1	10
Acetophenone	98-86-2	100	p-Dichlorobenzene	106-46-7	10
Acrolein	107-02-8	20	Dichlorodifluoromethane	75-71-8	200
Aldicarb	116-06-3	1	2,4-Dichlorophenol	120-83-2	3
Aluminum Phosphide	20859-73-8	0.3	Diethyl Phthalate	84-66-2	800
Allyl Alcohol	107-18-6	5	Dimethoate	60-51-5	0.8
Antimony	7440-36-0	0.3	2,4-Dinitrophenol	51-28-5	2
Barium	7440-39-3	50	Dinoseb	88-85-7	0.9
Barium Cyanide	542-62-1	50	Diphenylamine	122-39-4	20
Bromomethane	74-83-9	0.8	Endosulfan	115-29-1	0.05
Calcium Cyanide	592-01-8	30	Endrin	72-20-8	0.3
Carbon Disulfide	75-15-0	200	Fluorine	7782-41-4	50
Chloral	75-87-6	2	Formic Acid	64-18-6	2000
Chlorine (free)		0.4	Glycidyaldehyde	765-34-4	0.3
2-Chloro-1,3-butadiene	126-99-8	3	Hexachlorocyclopentadiene	77-47-4	5
Chromium III	16065-83-1	1000	Hexachlorophene	70-30-4	0.3
Copper Cyanide	544-92-3	5	Hydrocyanic Acid	74-90-8	20
Cresols	1319-77-3	50	Hydrogen Chloride	7647-01-1	7
Cumene	98-82-8	1	Hydrogen Sulfide	7783-06-4	3
Cyanide (free)	57-12-15	20	Isobutyl Alcohol	78-83-1	300
Cyanogen	460-19-5	30	Lead	7439-92-1	0.09
Cyanogen Bromide	506-68-3	80	Maleic Anhydride	108-31-6	100
			Mercury	7439-97-6	0.3
			Methacrylonitrile	126-98-7	0.1
			Methomyl	16752-77-5	20