**Section 726.APPENDIX C Tier II Emission Rate Screening Limits for Free Chlorine and Hydrogen Chloride**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Noncomplex Terrain | | Noncomplex Terrain | | Complex Terrain | |
|  | Urban areas | | Rural areas | | Urban and rural areas | |
| TESH (m) | Chlorine  Gas (g/hr) | HCl (g/hr) | Chlorine Gas (g/hr) | HCl (g/hr) | Chlorine gas (g/hr) | HCl (g/hr) |
|  |  |  |  |  |  |  |
| 4 | 82. | 1400. | 42. | 730. | 19. | 330. |
| 6 | 91. | 1600. | 48. | 830. | 28. | 490. |
| 8 | 100. | 1800. | 53. | 920. | 41. | 710. |
| 10 | 120. | 2000. | 62. | 1100. | 58. | 1000. |
| 12 | 130. | 2300. | 77. | 1300. | 72. | 1300. |
| 14 | 150. | 2600. | 91. | 1600. | 91. | 1600. |
| 16 | 170. | 2900. | 120. | 2000. | 110. | 1800. |
| 18 | 190. | 3300. | 140. | 2500. | 120. | 2000. |
| 20 | 210. | 3700. | 180. | 3100. | 130. | 2300. |
| 22 | 240. | 4200. | 230. | 3900. | 140. | 2400. |
| 24 | 270. | 4800. | 290. | 5000. | 160. | 2800. |
| 26 | 310. | 5400. | 370. | 6500. | 170. | 3000. |
| 28 | 350. | 6000. | 470. | 8100. | 190. | 3400. |
| 30 | 390. | 6900. | 580. | 10000. | 210. | 3700. |
| 35 | 530. | 9200. | 960. | 17000. | 260. | 4600. |
| 40 | 620. | 11000. | 1400. | 25000. | 330. | 5700. |
| 45 | 820. | 14000. | 2000. | 35000. | 400. | 7000. |
| 50 | 1100. | 18000. | 2600. | 46000. | 480. | 8400. |
| 55 | 1300. | 23000. | 3500. | 61000. | 620. | 11000. |
| 60 | 1600. | 29000. | 4600. | 81000. | 770. | 13000. |
| 65 | 2000. | 34000. | 6200. | 110000. | 910. | 16000. |
| 70 | 2300. | 39000. | 7200. | 130000. | 1100. | 18000. |
| 75 | 2500. | 45000. | 8600. | 150000. | 1200. | 20000. |
| 80 | 2900. | 50000. | 10000. | 180000. | 1300. | 23000. |
| 85 | 3300. | 58000. | 12000. | 220000. | 1400. | 25000. |
| 90 | 3700. | 66000. | 14000. | 250000. | 1600. | 29000. |
| 95 | 4200. | 74000. | 17000. | 300000. | 1800. | 32000. |
| 100 | 4800. | 84000. | 21000. | 360000. | 2000. | 35000. |
| 105 | 5300. | 92000. | 24000. | 430000. | 2300. | 39000. |
| 110 | 6200. | 110000. | 29000. | 510000. | 2500. | 45000. |
| 115 | 7200. | 130000. | 35000. | 610000. | 2800. | 50000. |
| 120 | 8200. | 140000. | 41000. | 720000. | 3200. | 56000. |

(Source: Amended at 37 Ill. Reg. 3249, effective March 4, 2013)