**Section 212.111 Abbreviations and Units**

a) The following abbreviations are used in this Part:

|  |  |
| --- | --- |
| btu | British thermal units (60¼°F) |
| dscf | dry standard cubic foot |
| ft | foot |
| ft2 | square feet |
| fpm | feet per minute |
| gal | gallon |
| gr | grains |
| gr/scf | grains per standard cubic foot |
| gr/dscf | grains per dry standard cubic foot |
| hr | hour |
| J | Joule |
| kg | kilogram |
| kg/MW-hr | kilograms per megawatt-hour |
| km | kilometer |
| L | liter |
| lbs | pounds |
| lbs/hr | pounds per hour |
| lbs/mmbtu | pounds per million btu |
| m | meter |
| m2 | square meters |
| mph | miles per hour |
| mg | milligram |
| mg/scm | milligrams per standard cubic meter |
| mg/dscm | milligrams per dry standard cubic meter |
| mg/L | milligrams per liter |
| Mg | megagram, metric ton or tonne |
| mi | mile |
| mmbtu | million British thermal units |
| mmbtu/hr | million British thermal units per hour |
| MW | megawatt; one million watts |
| MW-hr | megawatt-hour |
| ng | nanogram; one billionth of a gram |
| ng/J | nanograms per Joule |
| scf | standard cubic foot |
| scfm | standard cubic feet per minute |
| scm | standard cubic meter |
| T | short ton (2000 lbs) |
| yd2 | square yards |

b) The following conversion factors have been used in this Part:

|  |  |
| --- | --- |
| English | Metric |
| 2.205 lbs | 1 kg |
| 1 T | 0.907 Mg |
| 1 lb/T | 0.500 kg/Mg |
| mmbtu/hr | 0.293 MW |
| 1 lb/mmbtu | 1.548 kg/MW-hr or 430 mg/J |
| 1 mi | 1.61 km |
| 1 gr | 64.81 mg |
| 1 gr/scf | 2289 mg/scm |
| 1 ft2 | 0.0929 m2 |
| 1 ft | 0.3048 m |
| 1 gal | 3.785 L |

(Source: Amended at 20 Ill. Reg. 7605, effective May 22, 1996)