**Section 211.102 Abbreviations and Conversion Factors**

a) Abbreviations used in this part include the following:

|  |  |
| --- | --- |
| ABS | acrylonitrile butadiene styrene |
| ASTM | American Society for Testing and Materials |
| bbl | barrels (42 gallons) |
| btu | British thermal units (60°F) |
| btu/hr | btu per hour |
| °C | degrees Celsius or Centigrade |
| CAAPP | Clean Air Act Permit Program |
| cm | centimeters |
| cu in | cubic inches |
| EDP | electrodeposition primer |
| EMI/RFI | electromagnetic interference/radio frequency interference |
| EPDM | ethylene propylenediene monomer |
| EGU | Electrical Generating Unit |
| °F | degrees Fahrenheit |
| FIP | Federal Implementation Plan |
| ft | feet |
| ft2 | square feet |
| ft3 | cubic feet |
| g | grams |
| gpm | gallons per minute |
| g/mole | grams per mole |
| gal | gallons |
| hp | horsepower |
| hr | hours |
| in | inch |
| °K | degrees Kelvin |
| kcal | kilocalories |
| kg | kilograms |
| kg/hr | kilograms per hour |
| kPa  | kilopascals; one thousand newtons per square meter |
| kW | kilowatt |
| l | liters |
| l/sec | liters per second |
| lbs | pounds |
| lbs/day | pounds per day |
| lbs/hr | pounds per hour |
| lbs/gal | pounds per gallon |
| lbs/yr | pounds per year |
| LEL | lower explosive limit |
| m | meters |
| m2 | square meters |
| m3 | cubic meters |
| mg | milligrams |
| Mg | Megagrams, metric tons or tonnes |
| ml | milliliters |
| min | minutes |
| MJ | megajoules |
| mmbtu | million British thermal units |
| mmbtu/hr | million British thermal units per hour |
| mmHg | millimeters of mercury |
| MTE | maximum theoretical emissions |
| Mwe | megawatt of electricity |
| MW | megawatt; one million watts |
| MW-hr | megawatt per hour |
| NDO | natural draft opening |
| Nox | nitrogen oxides |
| peoc | potential electrical output capacity |
| ppm (vol) | parts per million |
| ppmv | parts per million by volume |
| ppmvd | parts per million by volume dry |
| psi | pounds per square inch |
| psia | pounds per square inch absolute |
| psig | pounds per square inch gauge |
| PTE | potential to emit |
| RACT | reasonably available control technology |
| RT | solids turnover ratio |
| scf | standard cubic feet |
| scm | standard cubic meters |
| sec | seconds |
| SIP | State Implementation Plan |
| TTE | temporary total enclosure |
| sq cm | square centimeters |
| sq in | square inches |
| T | short ton (2,000 lbs) |
| ton | short ton (2,000 lbs) |
| TPY | tons per year |
| USEPA | United States Environmental Protection Agency |
| VOC | volatile organic compounds |
| VOL | volatile organic liquids |
| VOM | volatile organic materials |

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

|  |  |
| --- | --- |
| English | Metric |
| 1 gal | 3.785 l |
| 1,000 gal | 3,785 l or 3.785 m3 |
| 1 psia | 6.897 kPA (51.71 mmHg) |
| 2.205 lbs | 1 kg |
| 32° | 0°C (273.15°K) |
| 1 bbl | 159.0 1  |
| 1 cu in | 16.39 ml |
| 1 lb/gal | 119,800 mg/l |
| 1 lb/mmbtu | 1.548 kg/MW-hr |
| 1 lb/T | 0.500 kg/Mg |
| 1 ton | 0.907 Mg |
| 1 T | 0.907 Mg |
| mmbtu/hr | 0.293 MW |

(Source: Amended at 34 Ill. Reg. 14119, effective September 14, 2010)