

| Symbol | Definition |
|----------------------|---|
| A | |
| Å | Angstrom(s) |
| AA | Atomic Absorption |
| abs | absolute |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ASTM | American Society for Testing Materials |
| atm | atmosphere(s) |
| avg | average |
| B | |
| Bar | Bureau of Automotive Repair |
| bar | Unit of pressure equal to 100,000 pascals |
| bp | boiling point |
| Btu | British thermal unit(s) |
| C | |
| CAA | Clean Air Act |
| cal | calorie(s) |
| CAS | Chemical Abstract Services |
| ccm | cubic centimeter(s) per minute |
| ccs | cubic centimeter(s) per second |
| CEM | Continuous Emission Monitor |
| cf | cubic feet |
| CFCs | Chlorofluorocarbons |
| CFR | Code of Federal Regulations |
| CGA | Compressed Gas Association |
| cm | centimeter(s) |
| cm ² | square centimeter |
| cm ³ , cc | cubic centimeter |
| COA | Certificate of Analysis |
| COC | Certificate of Conformance |
| CP | Chemically Pure |
| Cp | specific heat at constant pressure |
| Cv | specific heat at constant volume |
| Cv | coefficient of flow |
| °C | degree(s) Celsius |

| Symbol | Definition |
|-------------------------|---|
| D | |
| DID | Discharge Ionization Detector |
| DIN | Deutsche Industrie Normen (German Industrial Standards) |
| DISS | Diameter Index Safety System |
| DOT | Department of Transportation |
| E | |
| ea | each |
| ECD | Electron Capture Detector |
| EPA | Environmental Protection Agency |
| F | |
| FID | Flame Ionization Detector |
| FNPT | Female National Pipe Thread |
| F.O.B. | Freight on Board |
| FPD | Flame Photometric Detector |
| FPT | Female Pipe Thread |
| ft | foot, feet |
| ft ³ , cu ft | cubic foot (feet) |
| FTIR | Fourier Transform Infrared Spectrometer or Spectroscopy |
| FIFRA | Federal Insecticide, Fungicide, and Rodenticide Act |
| °F | degree(s) Fahrenheit |
| G | |
| g | gram(s) |
| gal | gallon(s) |
| GC | Gas Chromatography or Chromatograph |
| GMIS | Gas Manufacturers Intermediate Standard |
| GMP | Good Manufacturing Practice(s) |
| GPA | Gas Processors Association |
| H | |
| Hall | Electrolytic Conductivity Detector |
| HAP | Hazardous Air Pollutants |
| HID | Helium Ionization Detector |
| hr | hour |
| Hz | hertz |

| Symbol | Definition |
|-------------------------|--|
| I | |
| ICP | Inductively Coupled Plasma (Spectroscopy) |
| ID | identification or inside diameter |
| IDLH | Immediately Dangerous to Life or Health |
| in | inch |
| in ³ , cu in | cubic inch(es) |
| ISO | International Organization for Standardization |
| J | |
| J | joule |
| K | |
| K | Kelvin |
| kg | kilogram(s) |
| kPa | Kilopascal(s) |
| °K | degree(s) Kelvin |
| L | |
| L | liter(s) |
| lb | pound(s) |
| LC | Liquid Chromatography |
| LEL | Lower Explosive Limit |
| Lpm | liters per minute |
| M | |
| μ | micron(s), 10 ⁻⁶ m |
| m ³ | cubic meter(s) |
| mA | milliampere |
| max | maximum |
| mg | milligram(s) |
| min | minute(s) |
| ml | milliliter(s) |
| mm | millimeter(s) |
| MNPT | Male National Pipe Thread |
| mol.wt. | molecular weight |
| MOS | Metal Oxide Semiconductor |
| MPT | Male Pipe Thread |
| mp | melting point |
| MS | Mass Spectrometry |
| MSDS | Material Safety Data Sheet |
| MTBE | Methyl Tertiary Butyl Ether |
| MVCR | Male VCR |
| MVFS | Male Vacuum Face Seal |
| MW | molecular weight |