

Article 3 Terms and Symbols used in these Standards are defined as follows:

- I. “Peripheral boundary” means the boundary line marking the use or management of public or private premises.
- II. “mg” means milligram, equivalent to 0.001 grams.
- III. “μg” means microgram, equivalent to 0.001 milligrams.
- IV. “K” means Kelvin absolute temperature scale, where $K = 273 + ^\circ C$.
- V. “Nm³” means a cubic meter of air at a temperature of 273 degrees Kelvin (273 K) and an atmospheric pressure of 1 bar; “m³” means a cubic meter of air.
- VI. “ppm” means parts per million.
- VII. “q” means the “highest permissible emissions per unit time” of each pollutant from each stack unit in a single pollution source, measured in grams per second (g/s).
- VIII. “a₁” and “a₂” mean the conversion constants for each pollutant.
- IX. “k” means the diffusion coefficient for pollutant emissions, measured in grams

per second per square meter ($\text{g/s}\cdot\text{m}^2$).

- X. “h” means the actual height of the outlet of the stack, measured in meters (m).
- XI. “ Δh ” means the height of smoke plume from the outlet of the stack, measured in meters (m).
- XII. “he” means the effective height of outlet of the stack $h_e = h + \Delta h$, measured in meters (m).
- XIII. “Qh” means the heat rate of exhaust from the stack, measured in calories per second (cal/s).
- XIV. “Vs:” means the outlet exhaust speed of the stack, measured in meters per second (m/s).
- XV. “ds” means the internal diameter at the stack outlet, measured in meters per second (m).
- XVI. “p” means exhaust density, measured in grams per liter (g/l).
- XVII. “Cp” means specific heat at constant pressure from exhaust, measured in calories per gram degree Kelvin (cal/g•K).
- XVIII. “Ts” means exhaust temperature at the stack outlet, measured in Kelvin (K).
- XIX. “T” means ambient temperature surrounding the stack outlet, measured in degrees Kelvin (K).
- XX. “ \bar{u} ” means annual average wind speed at the height of the stack outlet, measured in meters per second (m/s) $\bar{u} = \bar{u}_0 (h/10)^{0.2}$
- XXI. “ \bar{u}_0 ” means average wind speeds at 10 meters high from the ground surface, measured in meters per second (m/s). These standards are based on an average wind speed of 3.5 meters per second (m/s) as the reference base of calculation.
- XXII. “Q” means exhaust volume that has been calibrated or does not need to be calibrated, measured in cubic meters per minute (Nm^3/min).
- XXIII. “Qs” means the measured exhaust volume base on test method, measured in cubic meters per minute (Nm^3/min).
- XXIV. “C” means pollutant concentration that has been calibrated or does not need to be calibrated, measured in ppm or mg/Nm^3 .
- XXV. “Cs” means the measured pollutant concentration based on test method, measured in ppm or mg/Nm^3 .
- XXVI. “On” means standard oxygen content in exhaust, measured in %.
- XXVII. “Os” means the actual measured oxygen content in exhaust. If value exceeds 20%, then value shall be calculated as 20%.