

- 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 (g/s•m²).
- X. “h” means the actual height of the outlet of the stack, measured in meters (m).
- XI. “△h” 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 stack $he=h+\Delta h$, 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 stackoutlet, measured in meters per second (m).
- XVI. “ρ” 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 (Nm³/min).
- XXIII. “Qs” means the measured exhaust volume base on test method, measured in cubic meters per minute (Nm³/min).
- XXIV. “C” means pollutant concentration that has been calibrated or does not need to be calibrated, measured in ppm or mg/Nm³.
- XXV. “Cs” means the measured pollutant concentration based on test method, measured in ppm or mg/Nm³.
- 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%.
- XXVIII. “Determination the opacity of the plume by digital image“ means that the inspector determinate the opacity of exhaust from the stack outlet of stationary pollution sources by using digital image recording equipment and identification software in accordance with methods designated by the central competent authority.