



Clean Air Act(ivity) Know Your Air Pollutants

The U.S. Environmental Protection Agency (EPA) has designated seven “criteria air pollutants.” For each of these pollutants, EPA has set a National Ambient Air Quality Standard (NAAQS) to protect human health. The NAAQS set specific limits on the quantity of these pollutants in the outdoor air. Can you connect the full name for each of these pollutants to their scientific abbreviation? Draw a line between each pair.

Carbon Monoxide	NO₂
Lead	Pb
Nitrogen Dioxide	SO₂
Ozone	PM₁₀
Particulate Matter less than 10 micrometers	O₃
Particulate Matter less than 2.5 micrometers	CO
Sulfur Dioxide	PM_{2.5}

In addition to these seven “criteria air pollutants,” there are several other pollutants that you may hear about. Try and match the scientific abbreviation to the full name for each. Draw a line between each pair.

Carbon Dioxide	CL
Hydrogen Sulfide	NH₃
Methane	N₂O
Ammonia	CH₄
Nitrous Oxide	CO₂
Salt	NaCl
Chlorine	H₂S

