

Carbon Dioxide (CO₂)

CO ₂ -Content (in % (v/v))	Effects / Typical concentrations
20.0	Death within a few seconds
10.0	Cramps, unconsciousness, death (open flames going out)
7.0	Vertigo, feeling of sickness, appearance of paralysis, headache, interruption of blood circulation in the brain
3.0	Intensified breathing, higher pulse (exhaled air)
1.0	Short-term exposition
0.7	Bigger gatherings in closed rooms (workshops, meetings, cinema)
0.5	Maximum working place concentrations
0.3	Higher values in offices
0.1	Increased values in offices
0.07	Air in cities
ca. 0.03 (300 ppm)	Basic impact of fresh air

Hydrogen Sulphide (H₂S)

H ₂ S-Content (in ppm)	Effects / Typical concentrations
10,000	Leading to death within a few seconds (paralysis of important brain centres)
800	No sense of smell - cramps, unconsciousness – perilous within few minutes
400	Unsavory taste – vertigo – perilous in ca. 30 minutes
200	Minimised sense of smell – feeling of sickness, breathing difficulties, headache – perilous in ca. 60 minutes
75	Odour hardly not bearable – irritation of mucous membranes and breathing organs – perilous after several hours
50	Injury of the cornea
10	Maximum working place concentration
2	Off odour
0.2	Intensive odour
0.02	Odour threshold