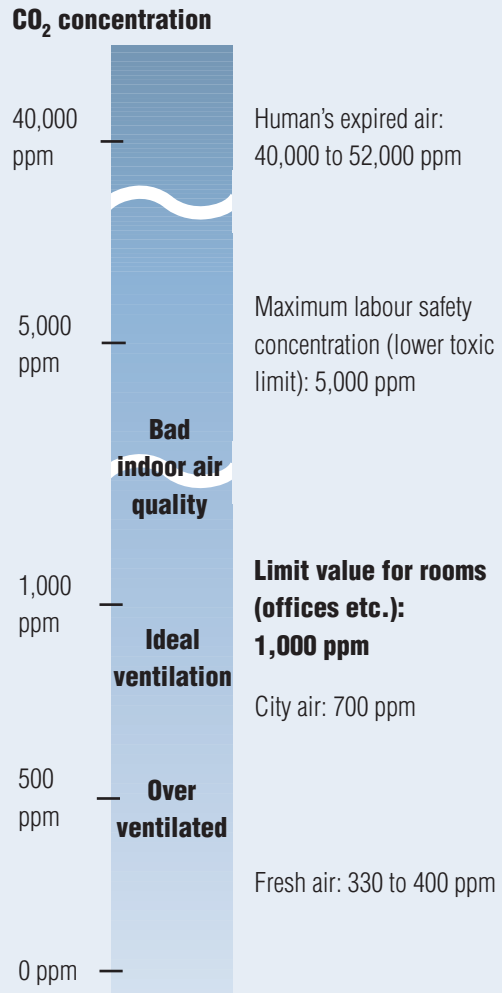


Why CO₂ measurement?

CO₂ concentration is used as an indicator when assessing indoor air quality. If the CO₂ concentration in indoor air is too high (limit value: 1000 ppm), the air feels “stuffy and stale”.

Bad air quality in rooms (e.g. offices) can lead to tiredness, lack of concentration and illness (Sick Building Syndrome SBS) and is caused, in many cases, by insufficient ventilation.

The CO₂ concentration in demand controlled ventilating (DCV) systems is used to regulate the supply of fresh air. Stationary CO₂ transmitters are used and should be checked on a regular basis using hand-held measuring instruments.



Indoor air quality

Percentage of people who are unhappy with indoor air quality at a specific CO₂ concentration

