

Annex 1

Indoor Air Quality (IAQ) Objectives for Offices & Public Places

Parameter	Unit	8-hour Average	
		Excellent Class	Good Class
Room Temperature	°C	20 to < 25.5	< 25.5
Relative Humidity	%	40 to < 70	< 70
Air Movement	m/s	< 0.2	< 0.3
Carbon Dioxide (CO ₂)	ppmv	< 800	< 1,000
Carbon Monoxide (CO)	µg/m ³	< 2,000	< 10,000
	ppmv	< 1.7	< 8.7
Respirable Suspended Particulates (PM10)	µg/m ³	< 20	< 180
Nitrogen Dioxide (NO ₂)	µg/m ³	< 40	< 150
	ppbv	< 21	< 80
Ozone (O ₃)	µg/m ³	< 50	< 120
	ppbv	< 25	< 61
Formaldehyde (HCHO)	µg/m ³	< 30	< 100
	ppbv	< 24	< 81
Total Volatile Organic Compounds (TVOC)	µg/m ³	< 200	< 600
	ppbv	< 87	< 261
Radon (Rn)	Bq/m ³	< 150	< 200
Airborne Bacteria	cfu/m ³	< 500	< 1,000