



China's Ambient Air Quality Standards

Primary Standards

| # | Pollutant | Averaging Time | Concentration in ambient air | |
|---|---|-------------------|------------------------------|-------------------------|
| | | | Class 1 | Class 2 |
| 1 | Sulphur Dioxide (SO ₂) | annual | 20.0 µg/m ³ | 60.0 µg/m ³ |
| | | 24 hours | 50.0 µg/m ³ | 150.0 µg/m ³ |
| | | hourly | 150.0 µg/m ³ | 500.0 µg/m ³ |
| 2 | Oxides of Nitrogen (NO ₂) | annual | 40.0 µg/m ³ | 40.0 µg/m ³ |
| | | 24 hours | 80.0 µg/m ³ | 80.0 µg/m ³ |
| | | hourly | 200.0 µg/m ³ | 200.0 µg/m ³ |
| 3 | Carbon Monoxide (CO) | 24 hours | 4.0 mg/m ³ | 4.0 mg/m ³ |
| | | hourly | 10.0 mg/m ³ | 10.0 mg/m ³ |
| 4 | Ozone (O ₃) | daily, 8-hour max | 100.0 µg/m ³ | 160.0 µg/m ³ |
| | | hourly | 160.0 µg/m ³ | 200.0 µg/m ³ |
| 5 | Particulate matter (size less than 10 µm) | annual | 40.0 µg/m ³ | 70.0 µg/m ³ |
| | | 24 hours | 50.0 µg/m ³ | 150.0 µg/m ³ |

*) GB 3095-2012





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| | | | | |
|---|--|----------|------------------------|------------------------|
| 6 | Particulate matter (size less than 2.5 µm) | annual | 15.0 µg/m ³ | 35.0 µg/m ³ |
| | | 24 hours | 35.0 µg/m ³ | 85.0 µg/m ³ |

Additional standards

| | | | | |
|----|---------------------------------|----------|--------------------------|--------------------------|
| 7 | Total Suspended Particles (TSP) | annual | 80.0 µg/m ³ | 200.0 µg/m ³ |
| | | 24 hours | 120.0 µg/m ³ | 300.0 µg/m ³ |
| 8 | NO _x | annual | 50.0 µg/m ³ | 50.0 µg/m ³ |
| | | 24 hours | 100.0 µg/m ³ | 100.0 µg/m ³ |
| | | hourly | 250.0 µg/m ³ | 250.0 µg/m ³ |
| 9 | Lead (Pb) | annual | 0.5 µg/m ³ | 0.5 µg/m ³ |
| | | seasonal | 1 µg/m ³ | 1 µg/m ³ |
| 10 | Benzo(a) pyrene | annual | 0.001 µg/m ³ | 0.001 µg/m ³ |
| | | 24 hours | 0.0025 µg/m ³ | 0.0025 µg/m ³ |

NOTES

Class 1 standards apply to special regions such as national parks
Class 2 standards apply to all other areas, including urban and industrial areas

*) GB 3095-2012

