

Balochistan Environmental Quality Standards for Ambient Air

Pollutant	Time-Weighted Average	Concentration in Ambient Air	Method of Measurement
Sulfur Dioxide (SO ²)	Annual average*	80 ug/m ³	Ultraviolet Fluorescence method
	24 hours**	120 ug/m ³	
Oxides of Nitrogen as (NO)	Annual average*	40 ug/m ³	Gas Phase Chemiluminescence
	24 hours**	40 ug/m ³	
Oxides of Nitrogen as (NO ²)	Annual average*	40 ug/m ³	Gas Phase Chemiluminescence
	24 hours**	80 ug/m ³	
Ozone (O ³)	1 hour	130 ug/m ³	Non Dispersive UV absorption method
Suspended particulate matter (SPM)	Annual average*	360 ug/m ³	High Volume sampling (average flow rate not less than 1.1 m ³ /min)
	24 hours**	500 ug/m ³	
Respirable particulate matter PM 10	Annual average*	120 ug/m ³	Preferably B-Ray absorption method
	24 hours**	150 ug/m ³	
Respirable particulate matter PM 2.5	Annual average*	15 ug/m ³	Preferably B-Ray absorption method
	24 hours**	35 ug/m ³	

Pollutant	Time-Weighted Average	Concentration in Ambient Air	Method of Measurement
	1 hour	15 ug/m ³	
Lead (pb)	Annual average*	1 ug/m ³	ASS method after sampling using EPM 2000 or equivalent Filter Paper
	24 hours**	1.5 ug/m ³	
Carbon Monoxide (CO)	8 hours**	5 mg/m ³	Non Dispersive Infra Red (NDIR) method
	1 hour	10 mg/m ³	

* Annual arithmetic mean of minimum 104 measurements in a year taken twice a week 24 hourly at uniform interval.

** 24 hourly 18 hourly Values should be met 98% of the in a year. 2% of the time, it may exceed but not on two consecutive days.