

Ambient Air Quality inside Paradeep Phosphates Limited-Mangalore Unit premises from September 2025 to August 2026

Details		Particulate Matter (size less than 10 μm) or PM_{10} , $\mu\text{g}/\text{m}^3$	Particulate Matter (size less than 2.5 μm) or $\text{PM}_{2.5}$, $\mu\text{g}/\text{m}^3$	Ammonia $\mu\text{g}/\text{m}^3$	Sulphur Dioxide as (SO_2) $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen as (NO_2) $\mu\text{g}/\text{m}^3$	Ozone (O_3) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (CO) mg/m^3	Hydrocarbon $\mu\text{g}/\text{m}^3$	Fluorine $\mu\text{g}/\text{m}^3$
National Ambient Air Quality Standard for Industrial Area (24 hours)		100	60	400	80	80	100 (8 hour)	4 (1 hour)	Not specified	Not specified
September 2025	Maximum	57	27	66	12	16	29	0.1	ND	ND
	Minimum	27	15	25	5	5	14	<0.1		
October 2025	Maximum	57	25	56	9	16	20	0.1	ND	ND
	Minimum	30	16	26	5	5	12	<0.1		
November 2025	Maximum	58	26	59	10	16	19	0.1	ND	ND
	Minimum	35	16	18	5	5	12	<0.1		
December 2025	Maximum	59	30	28	8	11	18	0.1	ND	ND
	Minimum	35	16	10	5	5	10	<0.1		
January 2026	Maximum	59	27	56	9	17	18	0.1	ND	ND
	Minimum	32	14	22	5	7	12	<0.1		
February 2026	Maximum	59	27	52	9	17	20	0.1	ND	ND
	Minimum	39	16	22	5	8	11	<0.1		

<i>Details</i>		<i>Particulate Matter (size less than 10 µm) or PM₁₀, µg/m³</i>	<i>Particulate Matter (size less than 2.5 µm) or PM_{2.5}, µg/m³</i>	<i>Ammonia µg/m³</i>	<i>Sulphur Dioxide as (SO₂) µg/m³</i>	<i>Oxides of Nitrogen as (NO₂) µg/m³</i>	<i>Ozone (O₃) µg/m³</i>	<i>Carbon Monoxide (CO) mg/m³</i>	<i>Hydrocarbon µg/m³</i>	<i>Fluorine µg/m³</i>
March 2026	Maximum	57	26	57	9	16	19	0.1	ND	ND
	Minimum	38	17	20	5	7	12	<0.1		
April 2026	Maximum	59	27	62	9	17	19	0.1	ND	ND
	Minimum	38	17	23	5	9	13	<0.1		
May 2026	Maximum	59	27	51	9	16	18	0.1	ND	ND
	Minimum	43	15	20	5	6	10	<0.1		
June 2026	Maximum	58	27	51	9	17	18	0.1	ND	ND
	Minimum	32	14	18	5	6	13	<0.1		
July 2026	Maximum	54	24	56	8	16	18	0.1	ND	ND
	Minimum	35	15	25	5	5	12	<0.1		
August 2026	Maximum	57	25	49	8	18	24	0.1	ND	ND
	Minimum	35	15	20	5	7	15	<0.1		

ND – Not detectable