



B S ENVI - TECH PRIVATE LIMITED

ENVIRONMENTAL CONSULTANTS & ANALYTICAL LABORATORY

TEST REPORT

AMBIENT AIR QUALITY REPORT

Project : Gudipadu Lime Stone Mine of Sagar Cements Ltd,
Location : Gudipadu (V), Yadiki (M), Ananthapur (D), A.P.,
Month : March-2026.

S.No	Location	Date of Monitoring	24-hourly Concentration, [µg/m³]			
			PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Filter Paper: Whatmann						
Flow Rate for PM ₁₀ : 0.9 - 1.4 m³/Min						
Flow Rate for PM _{2.5} : 0.0167 m³/Min						
Core Zone						
A1	Mines Pit Upwind	21.03.2026	45.1	20.9	11.1	12.6
A2	Mines Pit Downwind	21.03.2026	48.9	25.3	13.6	13.8
A3	Crusher Area	21.03.2026	67.1	30.5	14.1	15.2
A4	Haul Road	21.03.2026	62.7	19.2	9.2	10.4
Buffer Zone						
A5	Mines Office	21.03.2026	49.2	29.5	14.6	15.3
A6	Gudipadu	22.03.2026	39.5	21.4	10.6	13.4
A7	Gorvimanipalli	22.03.2026	32.7	19.9	12.5	15
A8	Boyareddypalli	21.03.2026	43.4	22.6	16.4	17.3
NAAQ Standards for Industrial, Residential, Rural and Other Areas (24 hourly standard)			100 [µg/m³]	60 [µg/m³]	80 [µg/m³]	80 [µg/m³]

NABL Certificate No.: TC- 5233

NABET Certificate No.: NABET/EIA/2326/RA 0302(Rev.01)

Method of Analysis for PM₁₀& PM_{2.5}: Gravimetric Method.

Method of Analysis for SO₂: Improved West & Geake Method.

Method of Analysis for NO₂: Jacob &Hocheiser Method.

Duration: Sample was collected on 24 hourly basis.


Authorized Signatory
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