

**ENVIRONMENTAL MONITORING REPORT
FOR THE MONTH OF JULY
2022**

At the request of:

M/S. SHIVA CEMENT LIMITED

Teleghana, P.o. – Kutra, Dist.- Sundargarh
(Odisha)

Conducted By:



M/s. MITRA S.K. PRIVATE LIMITED

At/Po – Barbil
Dist.- : Keonjhar, (Odisha)
Pin - 758035.

Mitra S. K. Private Limited



At/P.O. : BARBIL Ward No - 6
Dist. : Keonjhar, Odisha - 758035
CIN : U51909WB1956PTC023037

T : 06767-275209, 94370-75269
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Ref. No. BBL/ENV/3396

DATE: 01/08/2022

ANALYSIS REPORT OF AMBIENT AIR

Name of the Industry:		M/s. SHIVA CEMENT LIMITED					
Address :		Teleghana, Kutra, Dist. Sundargarh (Odisha)					
Sl. No.	Date of Monitoring	Location	Concentration of Pollutants				
			PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
1	18/19.07.2022	Near Main Gate	58.4	31.8	6.6	21.2	0.32
2	18/19.07.2022	Near TG Building	46.6	25.2	6.2	18.4	0.25
3	18/19.07.2022	Clinker Bulk loading Area.	51.3	27.6	6.4	19.2	0.27
4	19/20.07.2022	Colony Area of SCL	42.5	21.4	6.2	17.8	0.25
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality			100	60	80	80	2
Sampling and Analysis done according to			IS: 5182 (Part-23) - 1999	USEPA CFR-40, (Part-50), Appendix-L	IS: 5182 (Part-2) -2001	IS: 5182 (Part-6) -2006	IS: 5182 (Part.10) -1999
Barometric pressure (mm of Hg) : 749			Temperature °C : 28-37		Climatic condition : Cloudy		

Checked by:-



For Mitra S. K. Private Limited

Authorised Signatory

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CERTIFICATE OF NOISE MONITORING

Name of the Industry :		M/s. SHIVA CEMENT LIMITED			
Address :		Teleghana, Kutra, Dist. Sundargarh (Odisha)			
SL. NO.	Monitoring Location	Date Monitoring	Noise Level in dB (A)		
			Ld	Ln	Ldn
1.	Crusher Area	18/19.07.2022	53.4	32.2	39.9
2.	Raw Mill Area	18/19.07.2022	53.8	32.7	40.3
3.	Coal mill Area	18/19.07.2022	54.2	33.1	40.7
4.	Cement Mill Area	18/19.07.2022	54.5	33.6	41.0
5.	Main Gate Area	18/19.07.2022	56.1	34.3	42.6
6.	Colony Area	18/19.07.2022	48.3	31.5	35.3

Note : Day Time : 6.00 AM -10.00 PM, Night Time: 10.00PM- 6.00AM

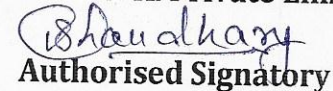
AMBIENT AIR QUALITY STANDARDS IN RESPECT OF NOISE AS PER CPCB GUIDELINES

AREA CODE	CATEGORY OF AREA / ZONE	LIMITS IN dB (A)	
		DAY TIME	NIGHT TIME
A	INDUSTRIAL AREA	75	70
B	COMMERCIAL AREA	65	55
C	RESIDENTIAL AREA	55	45
D	SILENE ZONE	50	40

Checked by:- 



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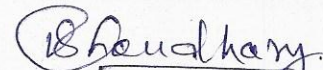
GROUND WATER LEVEL MONITORING

Name of the industry:	M/s. SHIVA CEMENT LIMITED	
Address:	Teleghana, Kutra, Dist. Sundargarh (Odisha)	
Date of Monitoring	Location	Water Level below (in meters)
19.07.2022	Bore well No.-1 (Back Side Kiln)	12.8
19.07.2022	Bore well No.-2 (Near Coal Yard)	10.6
19.07.2022	Bore well No.-3 (Plant Site)	16.1

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