



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

ECO ENVIRO LAB

ISO9001:2015, ISO 14001:2015, OHSAS 18001:2007; NABL & JSPCB Accreditation

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Ambient Air Quality Test Report

INDUSTRY NAME & ADDRESS: Bunrpur Cement Limited patratu, Industrial Area Patratu, Ramgarh – 829119, JHARKHAND	Type of Industry : Manufacturing of Cement Sample Description : Ambient Air Quality Sampling Date : 17.03.2020 to 18.03.2020 Sample Registration Date : 18.03.2020
Test Report No : IEM/EEL/RAN/MAR/AAQ/0088 Report Issue Date : 21/03/2020 Work order No.: Application No : 7821003 ,Date: 13.03.2020, Time 04:58 Protocol : IS Method & CPCB Guideline	Customer Rept. : Indrajeet Kumar Tiwary Sample Drawn By: Sumit Srivastava & team

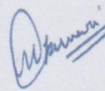
METEROLOGICAL INFORMATION

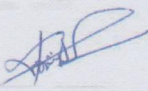
Average Temp(°C)	Average Relative Humidity (%)	Average Barometric Pressure (mm of Hg)	Weather Condition	Wind Direction
24	62	735	Partly Cloudy	From NW towards SE

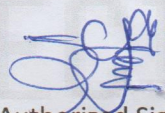
Concentration in Ambient Air (Industrial, Residential, Rural and Other Area)

Time Weighted Average- 24 Hours

Parameters	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	
Method Name	Improved West & Gaeke method	Jackob & Hochheiser Modified Method	Gravimetric Method	
NAAQMS/36/2012-13	IS 5182 (Part-02)	IS 5182 (Part-06)	IS 5182 (Part-23)	
Location	Sampling Point Co- ordinate	Concentration in Ambient Air as per NAAQS- 2009 For 24 Hours		
		80	80	100
Near Main Gate	23°37'14.30"N 85°16'37.56"E	21.77	23.68	76
Near Grinding Unit	23°37'20.04"N 85°16'32.45"E	23.81	27.37	80
Near Temple	23°37'08.36"N 85°16'24.36"E	24.94	28.84	83
Maximum		24.94	28.84	83
Minimum		21.77	23.68	76
Average		23.36	26.26	79.5


Tested by
Analyst


Checked By
(Sunil Kumar Singh)
(Lab Incharge cum Technical Manager)


Authorized Signatory
(Dr. S. C. Jain)
(Director & QC Manager)

Note:-1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction

