

To,
The Chairman,
Bihar State Pollution Control Board,
Beltron Bhavan, 2nd Floor, Lal Bahadur Shastri Nagar,
Patna- 800023

DATED 23.12.2014

Our Ref : ECO/BIHAR/EMR/23122014/6

Sub : Environmental Monitoring Results of M/s. Eco Cements Limited, Bhabhua
for
the period of APRIL 2014 TO SEP 2014

Dear Sir,

This refers to above mentioned subject. In this matter, please find attached Environmental Monitoring results of Ambient Air Quality, Stack Emission and Fugitive Emission of M/s. Eco Cements Limited, Bhabhua for the period of APRIL 2014 TO SEP 2014

Kindly acknowledge the receipt and oblige.

Thanking you in anticipation,
For Eco Cements Limited

ECO CEMENTS LTD

Authorized Signatory / Director
Encl.

1. Environmental Monitoring results of M/s. Eco Cements Limited, Bhabhua for the period of APRIL 2014 TO SEP 2014

Copy to.

1. Ministry of Environment and Forests,
A-3, Chandrashekharpur, Bhubaneswar – 751 023, Orissa.
Tel: 0674-2301248, 2301213; Fax: 0674-2302432
2. The Chairman, Central Pollution Control Board,
Parivesh Bhawan, CBD-cum-Office Complex,
East Arjun Nagar, Delhi - 110 032

ECO CEMENTS LIMITED

REGD. OFF.: 1-E, 1st FLOOR, ASHUTOSH APARTMENT, 295/2, GT ROAD, HOWRAH - 700013
FACTORY: PLOT NO. 1644, BHERIYA ROAD, KULHARIA, DURGAUTI, BHABHUA, BIHAR
ZONAL OFF: 72, JAWAHAR NAGAR EXTN. BHELUPUR, VARANASI-221010 TEL.: 0542-2277074

Ambient Air Quality Monitoring Report (All Values in ug/m3)

Year: 2014 - 2015(APRIL 2014 TO SEP 2014.)

S. No.	Location ---->	Near Main Gate			Near CCR			Near Canteen			Near Gypsum & Clinker Storage		
	Month	PM ₁₀	SO ₂	NO ₂	PM ₁₀	SO ₂	NO ₂	PM ₁₀	SO ₂	NO ₂	PM ₁₀	SO ₂	NO ₂
1	Apr-14	70.4	8.8	11.7	70.8	10.56	12	67.4	12.4	11.9	66.8	11.2	9.2
2	May-14	69.3	11.4	10.4	71.2	11.8	12.3	68.3	11.9	10.9	69.4	10.8	9.8
3	Jun-14	69.5	11.3	10.9	71	11.7	12	68.6	11.8	11.4	69.8	10	9.7
4	Jul-14	70.3	11	10.6	72	11.2	11.9	69.4	11.4	11.3	69.3	9.8	9.9
5	Aug-14	73.3	9.9	11.8	71.2	12.6	11.7	68.4	12.6	12.4	71.4	11.9	9.4
6	Sep-14	72.3	9.8	11.9	71.9	12.9	11.4	68.7	11.9	12.2	71.9	12.9	9.6
Average		70.85	10.4	11.2	71.4	11.79	11.9	68.5	12	11.7	69.8	11.1	9.6

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Stack Emission Level Monitoring Report for the period APRIL 2014 TO SEP 2014
All Values in mg/m³

Sr. No.	Month & Year	Particulate Matter Emission (mg/Nm ³)						Standard Limit of Particulate Matter Emission
		Stack Attached with Bag House of Cement Mill	Stack Attached with Bag House of flyash unloader	Stack Attached with Bag House of Clinker & gypsum unloader	Stack Attached with Bag House of gypsum & clinker feeding	Stack Attached with DG 500 KVA	Stack Attached with DG 125 KVA	
1	Apr-14	27.8	27.9	27.6	28.9	27.9	31.9	50 mg/Nm ³
2	May-14	26.6	26.9	27.2	27.8	28.4	32	
3	Jun-14	27.9	27.8	27.9	28.6	28.7	31.8	
4	Jul-14	31.4	42.9	41.4	41.4	41.6	42.4	
5	Aug-14	35.6	43.7	42.3	42.3	42.3	40.4	
6	Sep-14	41.4	44.2	43.7	43.7	44.6	38.7	
Average Values		31.78	35.57	35.02	35.45	35.58	36.20	

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Ambient Noise level Monitoring Report From APRIL 2014 TO SEP, 2014 dB(A)
AVERAGE (TWA) OF NOISE LEVEL IN dB(A)

TIME WEIGHTED

S. No.	Location ---->	Plant boundary near Main gate	Plant boundary near CCR	Plant boundary near Canteen	Plant boundary near Gypsum storage	Plant boundary near clinker storage	Prescribed Standard Limit (dB(A)
1	Apr-14	62	61.9	60.3	61.4	60.9	75dB(A) in day & 70 dB(A) in night
2	May-14	61.8	61.8	60.7	61.9	61.4	
3	Jun-14	61.4	61.1	60.3	61.8	61	
4	Jul-14	62.3	61	60.9	61.4	62	
5	Aug-14	62.9	61.6	61.8	61.9	63	
6	Sep-14	61.8	62.4	61.9	61.6	63.9	
Average Values		62.0	61.6	61.0	61.7	62.0	

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Fugitive Dust Emission Level Monitoring Report for the period APRIL 2014 TO SEP. 2014

Concentration of Total Dust (All Values in mg/m³)

Sl.No.	Month	Mill Section Ground Floor	Mill Section 1st Floor	Mill Section 2nd Floor	South Side of Mill Section	North side of Mill Section
1	Apr-14	3.2	4.0	2.8	5.3	3.1
2	May-14	3.7	4.0	2.9	5.0	3.8
3	Jun-14	3.5	4.2	2.8	5.3	3.7
4	Jul-14	3.2	4.0	2.9	5.0	3.9
5	Aug-14	3.6	4.2	3.2	5.2	3.4
6	Sep-14	3.8	4.4	3.4	5.3	3.6
Average		3.5	4.1	3.0	5.2	3.6

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