

BJCL / Bhilai / Env't. / 267

2nd April, 2015

To

The Regional Director
Ministry of Environment & Forests
Regional Office, (WZ),
E-5, Kendriya Paryavaran Bhawan
E-5, Arera Colony, Link Road -3,
Ravishankar Nagar,
Bhopal (M.P.)-462016

Sub: Six Monthly Stack and Ambient Air monitoring Report.

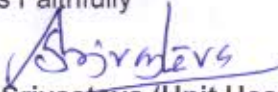
Ref : Letter No.F. NO. J.11011/1001/2007-I A II (I) dtd.01-05-2008.

Dear Sir,

We are herewith submitting the Six Monthly test report of Stack and Ambient air quality for the month from **October, 2014 to March, 2015** as Annexure 1 & 2.

Thanking You

Yours Faithfully


A.C. Srivastava (Unit Head)
Authorized Signatory

For Bhilai Jaypee Grinding Plant, Bhilai
(A Unit of Bhilai Jaypee Cement Limited)

CC The Zonal Officer,
Central Pollution Control Board,
Sahakar Bhawan, III Floor
North TT Nagar
BHOPAL-462003

- For kind information pl.

CC The Member Secretary
Chhattisgarh Environment Conservation Board
Kabir Nagar, Commercial Complex
Chhattisgarh Housing Board Colony
Kabir Nagar
RAIPUR (CG) – 492099

-For kind information pl.

CC Regional Officer,
Regional Office,
C.E. Conservation Board
Bhilai, Durg (CG)

For kind information pl.

01/A


क्षेत्रीय कार्यालय
राज्य पर्यावरण संरक्षण मण्डल
5/32 बंगला मिलाई, जि. दूरा (छ.ग.)

Bhilai Jaypee Grinding Plant, Bhilai
(A Unit of Bhilai Jaypee Cement Limited)

Annexure-1

STACK MONITORING RESULTS FOR THE PERIOD FROM (OCTOBER,14 to MARCH,2015).

Month	Characteristics	Unit	Limit	Packer No.1			Packer No.2	
				Stack of bag house Cement mill No.-1 & 2	Stack of packing plant bag filter No-1	Stack of packing plant bag filter No-2	Stack of packing plant bag filter No.-3	Stack of packing plant bag filter No-4
Oct. 14	Particulate Matter	Mg/Nm ³	50	23.5	12.5	13.7	16.5	21.9
Nov. 14	-	-	-	24.3	13.3	17.2	12.1	18.6
Dec. 14	-	-	-	19.5	17.2	20.6	19.1	16.6
Jan. 15	-	-	-	22.2	17.4	18.9	18.1	20.9
Feb. 15	-	-	-	23.8	17.8	17.5	18.5	21.0
Mar. 15	-	-	-	22.7	18.4	17.6	18.6	18.9
	MINIMUM			19.5	12.5	13.7	12.1	16.6
	MAXIMUM			24.3	18.4	20.6	19.1	21.9
	AVERAGE			22.7	16.1	17.6	17.2	19.7

Sr. Officer (Environment)

Manager (P & QC)

BHILAI JAYPEE GRINDING PLANT										Annexure-2
BHILAI, DURG. (C.G.)										
AMBIENT AIR QUALITY MONITORING RESULTS FOR THE PERIOD FROM OCTOBER 2014, to MARCH, 2015										
Month	Particulars	SO ₂ ($\mu\text{g}/\text{M}^3$)	NO _x ($\mu\text{g}/\text{M}^3$)	PM 2.5 ($\mu\text{g}/\text{M}^3$)	PM- 10 ($\mu\text{g}/\text{M}^3$)	SPM ($\mu\text{g}/\text{M}^3$)	Remarks			
Oct.2014	Switch Yard	8.3	21.5	22.1	77.1	214				
	Coal Yard	7.5	20.6	24.9	69.9	206				
	Wagon Tippler	8.4	20.5	30.5	76.9	270				
	Auto Work Shop	8.0	19.9	31.7	79.8	207				
Nov.2014	Switch Yard	8.7	24.1	27.5	68.9	219				
	Coal Yard	7.3	21.5	29.5	69.8	214				
	Wagon Tippler	7.7	23.0	36.0	76.4	309				
	Auto Work Shop	7.9	23.1	31.5	82.7	268				
Dec.2014	Switch Yard	9.3	23.6	28.1	74.0	261				
	Coal Yard	7.3	20.8	29.8	69.8	245				
	Wagon Tippler	8.5	23.6	31.3	80.8	361				
	Auto Work Shop	8.3	23.4	33.2	81.4	299				
Jan.2015	Switch Yard	7.2	22.3	24.6	69.9	242				
	Coal Yard	8.4	21.6	26.9	64.4	230				
	Wagon Tippler	7.5	23.5	29.5	80.8	321				
	Auto Work Shop	7.8	24.0	29.7	80.6	326				
Feb.2015	Switch Yard	7.1	23.1	27.1	69.9	251				
	Coal Yard	7.1	22.2	27.6	71.4	315				
	Wagon Tippler	7.3	24.6	34.0	82.6	357				
	Auto Work Shop	7.2	23.3	36.7	82.0	319				
March.2015	Switch Yard	7.2	23.5	27.8	64.7	220				
	Coal Yard	7.3	24.1	27.7	68.5	239				
	Wagon Tippler	7.8	27.5	31.3	78.7	339				
	Auto Work Shop	8.3	25.9	35.0	77.4	343				

Note: All values are Average value of the month

Sr. Officer (Environment)


Manager (P & QC)

BJCL/ Bhilai / Env't./ 266

2nd April, 2015

To

The Zonal Officer.
Central Pollution Control Board,
Sahakar Bhawan, III Floor
North TT Nagar
BHOPAL-462003

Sub: Quarterly Stack and Ambient Air monitoring Report.

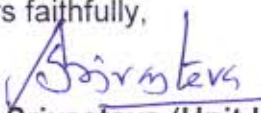
Ref : Letter No.F. NO. J.11011/1001/2007-I A II (I) dtd.01-05-2008.

Dear Sir,

We are herewith submitting the quarterly test report of Stack and Ambient air quality for the month from **January-2015 to March, 2015.**

Thanking you,

Yours faithfully,


A.C. Srivastava (Unit Head)
Authorized Signatory

For Bhilai Jaypee Grinding Plant, Bhilai
(A Unit of Bhilai Jaypee Cement Limited)

CC: Regional Officer
Regional Office,
C.E. Conservation Board
Bhilai , Durg (CG)

क्षेत्रीय कार्यालय
कृत्तीसगढ़ पर्यावरण संरक्षण मण्डल
5/32 बंगला भिलाई, जि. दुर्ग (छ.प्र.)
04/04/15

01/4



BHILAI JAYPEE GRINDING PLANT
A UNIT OF BHILAI JAYPEE CEMENT LIMITED

AMBIENT AIR QUALITY MONITORING RESULTS FOR THE QUARTER JAN.-2015 TO MAR.-2015										
Month of monitoring	Particulars	Duration	SO ₂	NOX	PM 2.5	PM- 10	SPM	Noise dB (A)		
	Monitoring Station	8 Hrs Basis	($\mu\text{g}/\text{M}^3$)	($\mu\text{g}/\text{M}^3$)	($\mu\text{g}/\text{M}^3$)	($\mu\text{g}/\text{M}^3$)	($\mu\text{g}/\text{M}^3$)	Day time	Night	
Jan-15	Switch Yard	"	7.2	22.3	24.6	69.9	242	59.2	58.3	
	Coal Yard	"	8.4	21.6	26.9	64.4	230	61.3	59.5	
	Wagon Tippler	"	7.5	23.5	29.5	80.8	321	62.9	60.2	
	Auto Work Shop	"	7.8	24.0	29.7	80.6	326	64.0	62.3	
Feb-15	Switch Yard	"	7.1	23.1	27.1	69.9	250.6	59.16	58.0	
	Coal Yard	"	7.1	22.2	27.6	71.4	314.7	59.3	58.2	
	Wagon Tippler	"	7.3	24.6	34.0	82.6	356.8	62.8	59.9	
	Auto Work Shop	"	7.2	23.3	36.7	82.0	319.2	64.1	61.4	
Mar-15	Switch Yard	"	7.2	23.5	27.8	64.7	220	58.3	57.1	
	Coal Yard	"	7.3	24.1	27.7	68.5	239	59.2	57.2	
	Wagon Tippler	"	7.8	27.5	31.3	78.7	339	60.8	57.4	
	Auto Work Shop	"	8.3	25.9	35.0	77.4	343	63.8	61.8	

Note :- Average value of the months



Sr. Officer (Environment)



Manager (P&QC)

Bhilai Jaypee Grinding Plant, Bhilai
(A Unit of Bhilai Jaypee Cement Limited)

STACK MONITORING RESULTS FOR THE QUARTER (JANUARY- 2015 TO MARCH- 2015).

Month	Characteristics	Unit	Limit	Packer No.1			Packer No.2		
				Stack of bag house Cement mill No.-1 & 2	Stack of packing plant bag filter No-1	Stack of packing plant bag filter No-2	Stack of packing plant bag filter No.-3	Stack of packing plant bag filter No-4	
JAN. 2015	Particulate Matter	Mg/Nm ³	50	22.2	17.4	18.9	18.1	20.9	
FEB. 2015	Particulate Matter	Mg/Nm ³	50	23.8	17.8	17.5	18.5	21.0	
MAR. 2015	Particulate Matter	Mg/Nm ³	50	22.7	18.4	17.6	18.6	18.9	
	Average -		50	22.9	17.9	18	18.4	20.3	


Sr. Officer (Environment)


Manager (P & QC)