JAYPEE NIGRIE CEMENT GRINDING UNIT

A UNIT OF JAIPRAKASH POWER VENTURES LIMITED



JNCGU/ENV/2022-23/01

Bhopal (M.P.) - 462016

Date-11.07.2022

To
The Member Secretary,
M.P. Pollution Control Board,
Parayavaran Parisar, E-5 Arera Colony

Subject: - Quarterly Air & Water Monitoring Report under Air & Water (Prevention & Control of Pollution) Act, 1981 & 1974 respectively.

Dear Sir,

Please find enclosed herewith Ambient Air Quality and Stack Emission Monitoring Reports for the Quarter (April, 2022- June, 2022) for Jaypee Nigrie Cement Grinding Unit (A Unit of Jaiprakash Power Ventures Ltd.)

Thanking You,

Yours Sincerely, For Jaypee Nigrie Cement Grinding Unit

(A Unit of Jaiprakash Power Ventures Ltd.)

Vinod Sharma Sr. President

Encl: - As Above

CC. Regional Officer

M.P. Pollution Control Board, Bhakuar, Naugadh, District: Singrauli (MP) - 486669 - For kind information please.



Site : Jaypee Nigrie Cement Grinding Unit, Village & P.O. Nigrie, Tehsil Sarai Distt. Singrauli (M.P.) Ph. : +91 (7801) 286021 - 36 Fax : +91 (7801) 286020

Corp. Office: 'JA House', 63 Basant Lok, Vasant Vihar, New Delhi - 110 057 (India)
Ph.: +91 (11) 49828679, 49828642 Fax: +91 (11) 26145389

Regd. Office: Complex of Jaypee Nigrie Super Thermal Power Plant, Nigrie Tehsil Sarai, Distt. Singrauli 486669, (Madhya Pradesh)

Ph. : +91 (7801) 286021-39 Fax : +91 (7801) 286020 Website: www.jppowerventures.com CIN : L40101MP1994PLC042920

JAYPEE NIGRIE CEMENT GRINDING UNIT (A Unit of Jaiprakash Power Ventures Limited)

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: APRIL - 2022

Name of Week	Particulars	TION : Near PM2.5	PM10	SO2	NO2	CO
		(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(mg/m3)
1st	Weekly Average	22.4	45.5	6.5	11.7	0.459
2 nd	Weekly Average	26.7	52.8	6.2	12.0	0.426
3rd	Weekly Average	27.7	53.3	7.1	12.5	0.437
4 th	Weekly Average	31.7	60.8	7.4	14.5	0.517
	LOCAT	ION : Near H	12 Gas Cylino	der Shed		
Name of Week	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
1st	Weekly Average	28.8	59.8	8.0	13.2	0.545
2 nd	Weekly Average	32.7	63.6	8.3	14.5	0.520
3rd	Weekly Average	30.4	61.0	8.8	15.3	0.549
4 th	Weekly Average	35.8	68.9	9.9	15.6	0.621
	LOCUTION					
	LOCATION : Nea					
Name of Week	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
1st	Weekly Average	28.8	58.7	7.1	11.6	0.470
2 nd	Weekly Average	32.3	64.8	6.9	14.2	0.539
Company of the Compan	Weekly Average	33.7	69.7	8.0	13.9	0.579
3rd	Treekly Tivelage	00.7	02.7		0.000	0.579
3ra 4th	Weekly Average	34.8	71.7	8.7	15.1	0.579
	Weekly Average	34.8	71.7		15.1	150000
	Weekly Average	5.501	71.7 Fuel Storage PM10	Tank 502	NO2	0.570 CO
4 th	Weekly Average LOCA	34.8 TION : Near PM2.5	71.7 Fuel Storage	Tank		0.570 CO (mg/m3)
4 th	Weekly Average LOCA Particulars	34.8 TION : Near PM2.5 (µg/m3)	71.7 Fuel Storage PM10 (µg/m3)	Tank SO2 (μg/m3)	NO2 (μg/m3)	0.570 CO (mg/m3) 0.638
4 th Name of Week	LOCA Particulars Weekly Average	34.8 TION : Near PM2.5 (µg/m3) 34.5	71.7 Fuel Storage PM10 (µg/m3) 68.5	Tank	NO2 (μg/m3) 13.4	0.570 CO (mg/m3)

For Jaypee Nigrie Cement Grinding Unit

Authorized Signatory

JAYPEE NIGRIE CEMENT GRINDING UNIT (A Unit of Jaiprakash Power Ventures Limited)

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: MAY - 2022

		PM2.5	STP - (Color PM10	SO2	NO2	CO
Name of Week	Particulars	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(mg/m3)
1st	Weekly Average	283	52.7	6.8	13.2	0.492
2 nd	Weekly Average	28.8	55.5	6.5	11.7	0.462
3rd	Weekly Average	31.0	62.7	8.0	13.5	0.494
4 th	Weekly Average	20.4	48.0	5.5	11.1	0.399
	LOCAT	TION : Near I	H2 Gas Cylin	der Shed		
Name of Week	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
1st	Weekly Average	33.0	64.8	9.5	16.3	0.587
2nd	Weekly Average	30.4	65.7	7.1	15.5	0.601
3rd	Weekly Average	35.3	70.2	8.8	15.3	0.549
4th	Weekly Average	25.3	53.3	7.5	13.6	0.501
Name of Week	LOCATION : Ne	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (µg/m3)	NO2 (μg/m3)	CO (mg/m3
1st	Weekly Average	31.6	64.0	8.0	(μg/m3) 14.0	0.520
2nd	Weekly Average	34.8	69.0	7.6	14.3	0.565
3rd	Weekly Average	36.3	72.2	8.9	16.4	0.585
4 th	Weekly Average	24.6	53.1	6.2	11.4	0.505
	LOCA	ATION : Nea	r Fuel Storag	e Tank		
Name of Week	Particulars	PM2.5 (µg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
1st	Weekly Average	34.6	68.9	8.3	15.3	0.635
2 nd	Weekly Average	31.2	62.7	6.0	11.9	0.537
	TAT T. T. A	35.8	70.7	8.1	14.3	0.554
3rd	Weekly Average	33.0	70.7	0.1	11.0	0.551

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JAYPEE NIGRIE CEMENT GRINDING UNIT (A Unit of Jaiprakash Power Ventures Limited)

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: JUNE - 2022

	LOCA	TION: Near	STP -(Colon	y Area)		
Name of Week	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
1 st	Weekly Average	29.4	59.4	7.1	11.5	0.458
2 nd	Weekly Average	28.4	56.3	6.0	12.1	0.464
3rd	Weekly Average	24.2	48.2	5.7	11.0	0.392
4th	Weekly Average	19.5	42.2	5,2	10.3	0.335
	LOCAT	ION : Near I	H2 Gas Cylin	der Shed		
Name of Week	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
1 st	Weekly Average	26.3	55.0	6.9	12.5	0.490
2 nd	Weekly Average	29.5	60.3	6.6	14.3	0.518
3rd	Weekly Average	30.9	62.4	7.9	13.7	0.538
4 th	Weekly Average	28.8	58.5	7.0	11.5	0.474
Name of Week	LOCATION : Ne Particulars	PM2.5 (µg/m3)	Wer 22 (Ceme PM10 (µg/m3)	SO2 (µg/m3)	Unit) NO2 (μg/m3)	CO (mg/m3)
1st	Weekly Average	26.0	54.2	5.8	11.4	0.470
2nd	Weekly Average	30.9	65.1	7.3	13.9	0.533
3rd	Weekly Average	33.0	66.8	7.8	14.5	0.507
4 th	Weekly Average	25.5	51.5	6.4	11.6	0.448
	LOCA	ATION : Nea	r Fuel Storage	e Tank		-
	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
Name of Week	112 0-1200-1000-000-000			100000	**************************************	-
Name of Week	Weekly Average	34.6	65.2	7.3	12.4	0.563
	Weekly Average Weekly Average	34.6 37.9	65.2 70.5	8.9	12.4	0.563 0.598
1 st		15/2000	M-Mc-Sept.	17.00	. Charles	15.55(5.77)

For Jaypee Nigrie Cement Grinding Unit

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Annexure - II

QUARTERLY REPORT OF PARTICULATE MATTER EMISSION FROM POINT SOURCE (STACK)

Month - April 2022 - June 2022

Sr.No.	UNIT STACK ATTACHED WITH PCE (POLLUTION CONTROLING EQUIPMENT)	DUST CONC. (mg/Nm3)			
		Apr-22	May-22	Jun-22	
1	Roller Press	Shutdown	Shutdown	Shutdown	
2	Cement Mill	Shutdown	Shutdown	Shutdown	

Note: - Unit shutdown during this Quarter(April,22-June,22).

For Jaypee Nigrie Cement Grinding Unit

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