JAYPEE NIGRIE CEMENT GRINDING UNIT

A UNIT OF JAIPRAKASH POWER VENTURES LIMITED



JNCGU/ENV/2022-23/04

Date-10.04.2023

To The Member Secretary, M.P. Pollution Control Board, Parayavaran Parisar, E-5 Arera Colony Bhopal (M.P.) - 462016

Subject: - Quarterly 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 (January, 2023-March, 2023) 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.)

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Nadim Ahmad Khan Vice - President (Chemistry & Environment)

Encl: - As Above

CC. Regional Officer

Control Board, Bhakuar, Naugadh,

District: Singrauli (MP) - 486669

- For kind information please.M.P. Pollution

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: January 2023

Name of Week	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (µg/m3)	NO2 (μg/m3)	CO (mg/m3)
1 st	Weekly Average	22.8	46.8	6.8	12.2	0.530
2 nd	Weekly Average	23.6	47.6	7.0	13.3	0.530
3rd	Weekly Average	24.6	50.7	7.8	13.9	0.560
4 th	Weekly Average	26.0	52.3	8.0	12.8	0.590
	LOCATI	ON : Near H	2 Gas Cylind	ler 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	26.4	54.1	9.1	14.7	0.520
2 nd	Weekly Average	25.7	49.2	7.9	14.1	0.630
3rd	Weekly Average	26.3	54.7	9.0	15.4	0.630
4 th	Weekly Average	27.1	52.0	6.4	12.0	0.540
Name of Week	LOCATION : Nea Particulars	PM2.5	PM10	SO2	NO2	CO (mg/m3)
1st		(µg/m3)	(μg/m3)	(µg/m3)	(μg/m3)	(mg/m3
2nd	Weekly Average	26.6	56.5 55.3	8.4 7.7	15.2 14.7	0.560
3rd	Weekly Average Weekly Average	28.7	57.7	8.8	15.1	0.530
4th		20.7	37.7	200	28/64	0.550
	Maglely Arrorago	20.8	50.9	0.0	160	0.610
***	Weekly Average	29.8	59.8	9.8	16.0	0.610
		29.8 TION : Near	NS2002		16.0	0.610
Name of Week		2000	NS2002		NO2 (μg/m3)	СО
	LOCA	TION : Near PM2.5	Fuel Storage	Tank	NO2	СО
Name of Week	LOCA Particulars	TION : Near PM2.5 (µg/m3)	Fuel Storage PM10 (µg/m3)	Tank SO2 (µg/m3)	NO2 (μg/m3)	CO (mg/m3
Name of Week	LOCA Particulars Weekly Average	TION : Near PM2.5 (µg/m3) 26.8	Fuel Storage PM10 (µg/m3) 53.1	Tank SO2 (μg/m3) 9.0	NO2 (μg/m3) 15.1	CO (mg/m3 0.620

For Jaypee Nigrie Cement Grinding Unit

Authorized Signatory

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: February 2023

Name of Week	Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (μg/m3)	NO2 (μg/m3)	CO (mg/m3)
1 st	Weekly Average	21.2	45.4	5.5	11.0	0.498
2 nd	Weekly Average	18.6	40.5	5.9	10.6	0.512
3rd	Weekly Average	23.3	45.2	7.0	13.2	0.554
4th	Weekly Average	24.8	48.7	7.7	12.2	0.535
	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)
1st	Weekly Average	30.2	58.1	5.9	16.2	0.593
2 nd	Weekly Average	27.6	54.0	8.3	14.3	0.640
3rd	Weekly Average	28.7	57.8	8.8	15.3	0.642
4 th	Weekly Average	27.6	53.9	7.7	13.2	0.576
Name of Week	LOCATION : Ne Particulars	PM2.5 (μg/m3)	PM10 (μg/m3)	SO2 (µg/m3)	NO2 (μg/m3)	CO (mg/m3)
1st	Weekly Average	25.7	55.7	7.8	12.2	0.535
2nd	Weekly Average	31.6	60.2	8.5	14.8	0.606
		26.0	FF 0	7.0	40.5	The Control of the Co
3rd	Weekly Average	26.9	55.0	7.0	12.5	0.551
3rd 4th	Weekly Average Weekly Average	30.0	59.5	8.6	15.2	0.551 0.641
30	Weekly Average	30.0	59.5	8.6	355571155	(1002)0000000000000000000000000000000000
30	Weekly Average	30.0	20000	8.6	355571155	0.641 CO
4 th	Weekly Average	30.0 ATION : Nea PM2.5	59.5 r Fuel Storag	8.6 e Tank SO2	15.2 NO2	0.641
4 th Name of Week	Weekly Average LOCA Particulars	30.0 ATION : Nea PM2.5 (µg/m3)	59.5 r Fuel Storage PM10 (µg/m3)	8.6 e Tank SO2 (µg/m3)	NO2 (μg/m3)	0.641 CO (mg/m3)
4 th Name of Week 1 st	Weekly Average LOCA Particulars Weekly Average	30.0 ATION : Nea PM2.5 (µg/m3) 28.9	59.5 r Fuel Storage PM10 (µg/m3) 52.3	8.6 e Tank SO2 (µg/m3) 6.8	NO2 (μg/m3) 13.1	0.641 CO (mg/m3) 0.573

For Jaypee Nigrie Cement Grinding Unit

Authorized Signatory

10/4/23.

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: March 2023

NI CYAT I		PM2.5	STP - (Color	SO2	NO2	СО
Name of Week	Particulars	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(mg/m3)
1st	Weekly Average	22.4	44.3	5.5	11.0	0.488
2 nd	Weekly Average	21.2	41.7	5.2	11.3	0.440
3rd	Weekly Average	23.2	46.0	6.5	12.1	0.532
4 th	Weekly Average	26.4	50.6	7.1	12.2	0.524
	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)
1st	Weekly Average	30.2	59.0	6.1	16.0	0.589
2 nd	Weekly Average	21.7	47.2	5.5	10.7	0.517
3rd	Weekly Average	23.0	47.1	5.7	11.6	0.528
4th	Weekly Average	28.7	55.9	8.5	14.0	0.600
Name of Week	LOCATION : Ne Particulars	PM2.5	PM10	SO2	NO2	CO (mg/m3)
Name of Week		(μg/m3)	(μg/m3)	(µg/m3)	(μg/m3)	(mg/m3)
1st	Weekly Average	26.9	56.2	7.6	13.3	0.532
2 nd	Weekly Average	21.7	46.5	5.1	11.5	0.513
3rd	Weekly Average	25.8	52.9	8.0	14.4	0.617
4 th	Weekly Average	28.5	57.1	6.9	12.2	0.549
	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)
1 st	Weekly Average	30.0	55.0	6.7	14.0	0.596
2 nd	Weekly Average	25.4	50.4	7.0	10.7	0.540
2 2	Weekly Average	24.8	49.6	6.3	12.8	0.580
3rd	Treetily Tiverage	190.001000		30.0000		District Assets

For Jaypee Nigrie Cement Grinding Unit

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JAYPEE NIGRIE CEMENT GRINDING UNIT

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Annexure - II

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

Month - January 2023 - March 2023

	UNIT STACK ATTACHED WITH	DUST CONC. (mg/Nm3)			
Sr.No.	PCE (POLLUTION CONTROLING EQUIPMENT)	Jan-23	Feb-23	Mar-23	
1	Roller Press	Shutdown	Shutdown	Shutdown	
2	Cement Mill	Shutdown	Shutdown	Shutdown	

Note: - Unit shutdown during this Quarter(Jan,23-March,23).

For Jaypee Nigrie Cement Grinding Unit

Authorized Signatory

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