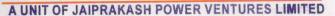
JAYPEE NIGRIE CEMENT GRINDING UNIT





JNCGU/ENV/2023-24/01

Date-11.07.2023

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 (April,2023-June,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.)

Nadim Ahmad Khan Vice - President (Chemistry & Environment)

Encl: - As Above

hanlan

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) 299021 - 24, Fax: +91 (7801) 299030 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) 299021 - 24, Fax: +91 (7801) 299030 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 2023

		PM _{2.5}	FM ₁₀	SO ₂	NO ₂	СО
Name of Week	Particulars	$(\mu g/m^3)$	(μg/m³)	(μg/m³)	(μg/m³)	(mg/m ³)
1 st	Weekly Average	25.6	50.8	7.0	13.2	0.51
2 nd	Weekly Average	22.4	44.0	5.6	10.5	0.46
3rd	Weekly Average	23.0	45.7	6.1	11.5	0.49
4 th	'Weekly Average	22.8	45.8	6.5	12.3	0.49
	LOCATI	ON : Near H	2 Gas Cylino	der Shed		
Name of Week	Particulars	PM _{2.5} (μg/m³)	PM ₁₀ (μg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
1 st	Weekly Average	31.5	60.2	7.1	15.0	0.58
2 nd	Weekly Average	26.4	52.0	6.1	12.7	0.55
3rd	Weekly Average	28.2	55.0	6.0	12.2	0.55
4 th	Weekly Average	26.5	53.5	7.0	14.1	0.57
	LOCATION: Nea	r Watch Tov			Unit)	
Name of Week	Particulars	PM _{2.5} (μg/m ³)	PM ₁₀ (μg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
1 st	Weekly Average	25.6	52.6	7.2	13.8	0.50
	1					0.53
2 nd	Weekly Average	28.5	57.1	7.6	14.7	0.53
2 nd 3 rd		28.5 24.5	57.1 50.6	7.6 6.9	14.7 13.6	
The same of the sa	Weekly Average					0.58
3rd	Weekly Average Weekly Average Weekly Average	24.5 30.0	50.6	6.9 7.5	13.6	0.58 0.55
3rd	Weekly Average Weekly Average Weekly Average	24.5 30.0	50.6	6.9 7.5	13.6	0.58 0.55 0.60
3rd 4th	Weekly Average Weekly Average Weekly Average LOCA	24.5 30.0 TION : Near PM _{2.5}	50.6 60.1 Fuel Storage	6.9 7.5 e Tank SO ₂	13.6 14.9 NO ₂	0.58 0.55 0.60
3rd 4th	Weekly Average Weekly Average Weekly Average LOCA Particulars	24.5 30.0 TION : Near PM _{2.5} (µg/m³)	50.6 60.1 Fuel Storage PM ₁₀ (µg/m³)	6.9 7.5 e Tank SO ₂ (µg/m³)	13.6 14.9 NO ₂ (µg/m³)	0.58 0.55 0.60 CO (mg/m³)
3rd 4th Name of Week	Weekly Average Weekly Average Weekly Average LOCA Particulars Weekly Average	24.5 30.0 TION : Near PM _{2.5} (µg/m³) 30.1	50.6 60.1 Fuel Storage PM ₁₀ (µg/m³) 56.9	6.9 7.5 e Tank SO ₂ (µg/m³) 7.2	13.6 14.9 NO ₂ (µg/m³) 14.1	0.58 0.55 0.60 CO (mg/m³) 0.58

For Jaypee Nigrie Cement Grinding Unit

Authorized Signatory

A MANE

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: May 2023

	LOCA	TION: Near	STP - (Color	ny Area)		
Name of Week	Particulars	PM _{2.5} (μg/m³)	PM ₁₀ (μg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
1 st	Weekly Average	23.8	47.3	6.4	12.1	0.51
2 nd	Weekly Average	27.0	53.1	7.2	13.3	0.53
3rd	Weekly Average	22.6	45.0	6.1	11.3	0.49
4 th	Weekly Average	23.5	45.2	6.2	11.5	0.49
	LOCAT	ION : Near I	H2 Gas Cylin	der Shed		
Name of Week	Particulars	PM _{2.5} (μg/m³)	PM ₁₀ (μg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
1 st	Weekly Average	32.4	62.1	8.0	15.5	0.60
2 nd	Weekly Average	27.5	54.3	6.7	13.1	0.56
3rd	Weekly Average	26.3	52.2	6.5	12.7	0.55
4 th	Weekly Average	27.6	55.0	6.8	13.1	0.56
Name of Week	Particulars	PM _{2.5}	PM ₁₀	SO ₂	NO ₂	CO
		(μg/m³)	(μg/m³)	(μg/m³)	(μg/m³)	(mg/m³)
1st	Weekly Average	26.7	52.9	7.0	13.4	0.55
2nd	Weekly Average	27.6	54.5	7.6	13.8	0.57
3rd	Weekly Average	27.6	54.8	7.4	13.7	0.56
4 th	Weekly Average	28.4	56.5	7.8	14.1	0.56
	LOCA		r Fuel Storage			
Name of Week	Particulars	PM _{2.5} (μg/m³)	PM ₁₀ (μg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
1 st	Weekly Average	27.0	53.9	7.1	13.3	0.57
2nd	Weekly Average	31.3	61.9	7.9	15.0	0.61
		26.1	51.0	6.7	12.7	0.56
3rd	Weekly Average	20.1	31.0	0.7	12.7	0.50

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: June 2023

Name of Week	Particulars	PM _{2.5} (μg/m³)	PM ₁₀ (μg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
1 st	Weekly Average	24.4	47.9	6.6	12.0	0.50
2 nd	Weekly Average	25.4	49.7	6.8	12.2	0.50
3rd	Weekly Average	27.5	54.4	7.3	13.3	0.51
4 th	Weekly Average	23.9	46.9	6.6	12.0	0.49
	LOCAT	ION : Near I	H2 Gas Cylin	der Shed		
Name of Week	\ Particulars	PM _{2.5} (μg/m³)	PM ₁₀ (μg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
1st	Weekly Average	30.8	62.0	8.0	15.4	0.60
2 nd	Weekly Average	28.2	55.8	7.3	14.4	0.57
3rd	Weekly Average	25.4	51.0	6.9	13.1	0.55
4 th	Weekly Average	26.4	53.4	7.0	13.6	0.55
Name of Week	LOCATION : Ne	ar Watch Tov PM _{2.5} (μg/m³)	wer 22 (Ceme PM ₁₀ (μg/m³)	ent Grinding SO ₂ (µg/m³)	Unit) NO ₂ (µg/m³)	CO (mg/m³)
1st	Weekly Average	29.6	58.5	8.0	14.2	0.60
2 nd	Weekly Average	27.9	55.2	7.4	14.0	0.59
3rd	Weekly Average	27.9	55.7	7.2	13.8	0.59
	Weekly Average	26.9	53.3	7.2	13.7	0.58
4 th	Weekly Average	20.9	55.5		2011	0.50
4 th	,			e Tank		0.50
4 th Name of Week	,		r Fuel Storag PM ₁₀ (µg/m³)	e Tank SO ₂ (µg/m³)	NO ₂ (μg/m³)	СО
	LOCA	ATION : Nea	r Fuel Storag	SO ₂	NO ₂	
Name of Week	LOCA	ATION : Nea PM _{2.5} (μg/m³)	r Fuel Storag PM ₁₀ (µg/m³)	SO ₂ (μg/m³)	NO ₂ (μg/m³)	CO (mg/m³)
Name of Week	LOCA Particulars Weekly Average	ATION : Nea PM _{2.5} (μg/m³) 29.6	r Fuel Storag PM ₁₀ (µg/m³) 58.8	SO ₂ (μg/m³) 7.8	NO ₂ (μg/m³) 14.9	CO (mg/m³) 0.59

For Jaypee Nigrie Cement Grinding Unit

Authorized Signatory

Minguelle.

JAYPEE NIGRIE CEMENT GRINDING UNIT

(A Unit of Jaiprakash Power Ventures Limited)

Annexure - II

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

Month - April 2023 - June 2023

UI	UNIT STÄCK ATTACHED WITH	DUST CONC. (mg/Nm3)			
Sr.No.	PCE (POLLUTION CONTROLING EQUIPMENT)	Apr-23	May-23	Jun-23	
1	Roller Press	Shutdown	Shutdown	Shutdown	
2	Cement Mill	Shutdown	Shutdown	Shutdown	

Note: - Unit shutdown during this Quarter(April,23-June,23).

For Jaypee Nigrie Cement Grinding Unit

Authorized Signatory

Mindrey.