

JNCGU/ENV/2021/03

Date - 07.10.2021

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

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, Stack Emission Monitoring Reports for the Quarter (July, 2021- September, 2021) for Jaypee Nigrie Cement Grinding (A Unit of M/s 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

CC. **Regional Officer**
M.P. Pollution Control Board,
Bhakuar, Naugadh,
District: Singrauli (MP) - 486669

- For kind information please.

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

AMBIENT AIR QUALITY MONITORING REPORT

MONTH: July, 2021

LOCATION : Near STP (Colony Area)						
Name of Week	Particulars	PM2.5 ($\mu\text{g}/\text{m}^3$)	PM10 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	NO2 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
1 st	Weekly Average	20.0	40.7	4.2	11.6	0.401
2 nd	Weekly Average	17.5	34.3	3.4	9.3	0.318
3 rd	Weekly Average	12.2	23.2	2.7	9.0	0.269
4 th	Weekly Average	13.1	27.6	3.9	9.4	0.248
LOCATION : Near H ₂ Gas Cylinder Shed						
Name of Week	Particulars	PM2.5 ($\mu\text{g}/\text{m}^3$)	PM10 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	NO2 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
1 st	Weekly Average	21.4	44.0	5.2	11.4	0.426
2 nd	Weekly Average	22.5	43.8	5.7	12.2	0.413
3 rd	Weekly Average	15.4	33.1	4.0	10.4	0.372
4 th	Weekly Average	13.3	29.6	4.4	10.7	0.417
LOCATION : Near Watch Tower 22 (Cement Grinding Unit)						
Name of Week	Particulars	PM2.5 ($\mu\text{g}/\text{m}^3$)	PM10 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	NO2 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
1 st	Weekly Average	24.3	52.9	6.6	14.0	0.533
2 nd	Weekly Average	19.3	45.1	5.9	13.6	0.429
3 rd	Weekly Average	15.3	30.3	4.0	10.0	0.406
4 th	Weekly Average	14.5	31.3	5.4	12.5	0.388
LOCATION : Near Fuel Storage Tank						
Name of Week	Particulars	PM2.5 ($\mu\text{g}/\text{m}^3$)	PM10 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	NO2 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
1 st	Weekly Average	28.9	57.7	7.4	14.0	0.553
2 nd	Weekly Average	20.1	43.5	4.1	11.7	0.498
3 rd	Weekly Average	18.0	37.0	6.0	14.0	0.420
4 th	Weekly Average	15.9	31.1	5.0	12.5	0.379

For Jaypee Nigrie Cement Grinding Unit


Authorized Signatory

