

# JAYPEE NIGRIE SUPER THERMAL POWER PLANT

A DIVISION OF JAIPRAKASH POWER VENTURES LIMITED

ISO CERTIFIED : 9001:2015, 14001:2015 & 45001:2018



QUALITY



ENVIRONMENT



HEALTH & SAFETY

# JAIPRAKASH

POWER VENTURES LIMITED

JNSTPP/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 Quality Monitoring Report under Air & Water (Prevention & Control of Pollution) Act 1981 & 1974 respectively.**

Dear Sir,

Please find enclosed here with Ambient Air Quality, Stack Emission Monitoring, ETP Treated Water (RO Permeate) & STP Treated Water Analysis Reports for the Quarter (July, 2021-September, 2021) for Jaypee Nigrie Super Thermal Power Plant (A division of M/s Jaiprakash Power Ventures Ltd.)

Thanking You,

Yours Sincerely,  
For Jaypee Nigrie Super Thermal Power Plant  
(A Division 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.



**Site** : Jaypee Nigrie Super Thermal Power Plant, Village & P.O.-Nigrie, Tehsil-Sarai, Distt.-Singrauli (M.P.)  
Ph: +91 (7801) 286021 - 36, Fax: +91 (7801) 286020, Email: jpthermal.sidhi@jalindia.co.in  
**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

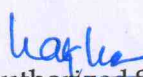
**JAYPEE NIGRIE SUPER THERMAL POWER PLANT**  
(A Division of Jaiprakash Power Ventures Limited)

**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 ( $\text{mg}/\text{m}^3$ )
1 <sup>st</sup>	Weekly Average	20.0	40.7	4.2	11.6	0.401
2 <sup>nd</sup>	Weekly Average	17.5	34.3	3.4	9.3	0.318
3 <sup>rd</sup>	Weekly Average	12.2	23.2	2.7	9.0	0.269
4 <sup>th</sup>	Weekly Average	13.1	27.6	3.9	9.4	0.248
LOCATION : Near H <sub>2</sub> 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 ( $\text{mg}/\text{m}^3$ )
1 <sup>st</sup>	Weekly Average	21.4	44.0	5.2	11.4	0.426
2 <sup>nd</sup>	Weekly Average	22.5	43.8	5.7	12.2	0.413
3 <sup>rd</sup>	Weekly Average	15.4	33.1	4.0	10.4	0.372
4 <sup>th</sup>	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 ( $\text{mg}/\text{m}^3$ )
1 <sup>st</sup>	Weekly Average	24.3	52.9	6.6	14.0	0.533
2 <sup>nd</sup>	Weekly Average	19.3	45.1	5.9	13.6	0.429
3 <sup>rd</sup>	Weekly Average	15.3	30.3	4.0	10.0	0.406
4 <sup>th</sup>	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 ( $\text{mg}/\text{m}^3$ )
1 <sup>st</sup>	Weekly Average	28.9	57.7	7.4	14.0	0.553
2 <sup>nd</sup>	Weekly Average	20.1	43.5	4.1	11.7	0.498
3 <sup>rd</sup>	Weekly Average	18.0	37.0	6.0	14.0	0.420
4 <sup>th</sup>	Weekly Average	15.9	31.1	5.0	12.5	0.379

For Jaypee Nigrie Super Thermal Power Plant

  
Authorized Signatory

