



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranganj Marg,  
C-Scheme, Jaipur-302001  
Phone : 0141-2369980, 2771865  
Website : www.teamtesthouse.com

## TEST REPORT

Lab.: G1-584, Sitapura Industrial Area  
Tonk Road, JAIPUR-302022 Raj.  
Ph.: 94602-22039, 94602-22049  
E-mail : teamtesthouse@gmail.com  
E-mail : director@teamtesthouse.com

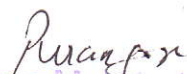
Report No: A/544  
Job Identification : 1474/16-17  
Date : 16-06-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 14-05-2016  
Date of Sample Receipt : 21-05-2016  
Date of Test : 21-05-2016 to 14-06-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Kamalpura (Shri Bhaver Lal Gurjar Purv Sarpanch House)


## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.31	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	346.84	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	26.89	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.47	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	76.17	IS 5182 (Part 23)	100.00

### Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

  
Purnan Maheshwari  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/544)



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Report No. :  
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E-mail : director@teamtesthouse.com

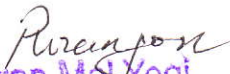
Job Identification. : A/545  
Date : 1475/16-17  
Issued To : 16-06-2016  
M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 14-05-2016  
Date of Sample Receipt : 21-05-2016  
Date of Test : 21-05-2016 to 16-06-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Lampiya (Nr Mining Area in front of Lakshman Singh Farm House)


## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.28	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	223.2	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	27.06	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.66	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	76.89	IS 5182 (Part 23)	100.00

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Puran Mal Yogi  
Senior Analyst

  
Authorized Signatory  
(Report No: A/545)



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## TEST REPORT

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Job Identification. :

A/546

Date :

1476/16-17

Issued To :

16-06-2016

M/S Jindal Saw Limited (Lampiya Mines)

ML No. 627/05, Village : Lampiya Tehsil : Banera,

District : Bhilwara- 311802 (Rajasthan)

Type of Unit :

Mines

Type of Sample :

Ambient Air Quality Monitoring

Date of Sample Collection/Monitoring :

15-05-2016

Date of Sample Receipt :

21-05-2016

Date of Test :

21-05-2016 to 16-06-2016

Sample Collected By :

Darwesh Kumar

Point of Collection :

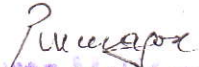
Village Devpura Shri Narayan Lal Gurjar

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	180	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m3]	15.17	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	258.96	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m3]	31.24	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.73	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	59.16	IS 5182 (Part 23)	100.00

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Purnima Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/546)



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E-mail : [director@teamtesthouse.com](mailto:director@teamtesthouse.com)

Job Identification. :

A/547

Date :

1477/16-17

16-06-2016

Issued To :

M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)

Type of Unit :

Mines

Type of Sample :

Ambient Air Quality Monitoring

Date of Sample Collection/Monitoring :

15-05-2016

Date of Sample Receipt :

21-05-2016

Date of Test :

21-05-2016 to 16-06-2016

Sample Collected By :

Darwesh Kumar

Point of Collection :

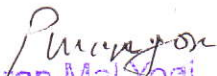
Village Jaliya (Ramji Lal House)


## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.94	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	243.59	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	27.2	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.09	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	78.46	IS 5182 (Part 23)	100.00

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Purnan Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/547)



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## TEST REPORT

Report No: A/555  
Job Identification : 1947  
Date: 16/06/2016  
Issued to M/s Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya, Tehsil : Banera  
District Bhilwara 311802 (Rajasthan)  
Mines  
Type of Unit Ambient Air Quality Monitoring  
Type of Monitoring: Ambient Air Quality Monitoring  
Date of Sample Collection/ Monitoring: 25/05/2016  
Date of Receipt: 28/05/2016  
Date of Test: 28/05/2016 to 16/06/2016  
Sample Collected By: Darwesh Kumar  
Point of Collection Village Devpura (Shri Narayan Lal Gurjar)


### RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [ $\mu\text{g}/\text{m}^3$ ]	290	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [ $\mu\text{g}/\text{m}^3$ ]	13.58	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [ $\mu\text{g}/\text{m}^3$ ]	250.17	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM <sub>2.5</sub> ) [ $\mu\text{g}/\text{m}^3$ ]	26.87	CPCB Guidelines	60.00
5.	Sulphur Dioxide [ $\mu\text{g}/\text{m}^3$ ]	7.70	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM <sub>10</sub> ) [ $\mu\text{g}/\text{m}^3$ ]	65.80	IS 5182 (Part 23)	100.00

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Rajesh Maheshwari  
Authorized Signatory  
(Report No A/555)



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E-mail : director@teamtesthouse.com

## TEST REPORT

Report No: A/556  
Job Identification : 1948  
Date: 16/06/2016  
Issued to: M/s Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya, Tehsil : Banera  
District Bhilwara 311802 (Rajasthan)  
Type of Unit: Mines  
Type of Monitoring: Ambient Air Quality Monitoring  
Date of Sample Collection/ Monitoring: 26/05/2016  
Date of Receipt: 28/05/2016  
Date of Test: 28/05/2016 to 16/06/2016  
Sample Collected By: Darwesh Kumar  
Point of Collection: Village Jaliya (Ramji Lal House)


### RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [ $\mu\text{g}/\text{m}^3$ ]	220	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [ $\mu\text{g}/\text{m}^3$ ]	13.56	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [ $\mu\text{g}/\text{m}^3$ ]	247.58	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM <sub>2.5</sub> ) [ $\mu\text{g}/\text{m}^3$ ]	28.12	CPCB Guidelines	60.00
5.	Sulphur Dioxide [ $\mu\text{g}/\text{m}^3$ ]	6.15	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM <sub>10</sub> ) [ $\mu\text{g}/\text{m}^3$ ]	68.95	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No A/556)



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E-mail : director@teamtesthouse.com

## TEST REPORT

Report No: A/554  
Job Identification : 1946  
Date: 16/06/2016  
Issued to M/s Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya, Tehsil : Banera  
District Bhilwara 311802 (Rajasthan)  
Type of Unit Mines  
Type of Monitoring: Ambient Air Quality Monitoring  
Date of Sample Collection/ Monitoring: 25/05/2016  
Date of Receipt: 28/05/2016  
Date of Test: 28/05/2016 to 16/06/2016  
Sample Collected By: Darwesh Kumar  
Point of Collection Village Kamalpura (Shri Bhanver Lal Gurjar)


### RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [microgram/m <sup>3</sup> ]	180	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m <sup>3</sup> ]	11.26	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	247.52	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM2.5) [microgram/m <sup>3</sup> ]	25.63	CPCB Guidelines	60.00
5.	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.35	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM10) [microgram/m <sup>3</sup> ]	71.28	IS 5182 (Part 23)	100.00

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Puran Mohan Yogi  
Senior Analyst

  
Rajesh Mansarwan  
Authorized Signatory  
(Report No A/554)



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E-mail : director@teamtesthouse.com

## TEST REPORT

Report No: A/553  
Job Identification : 1945  
Date: 16/06/2016  
Issued to: M/s Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya, Tehsil : Banera  
District Bhilwara 311802 (Rajasthan)  
Mines  
Type of Unit: Ambient Air Quality Monitoring  
Type of Monitoring:  
Date of Sample Collection/ Monitoring: 25/05/2016  
Date of Receipt: 28/05/2016  
Date of Test: 28/05/2016 to 16/06/2016  
Sample Collected By: Darwesh Kumar  
Point of Collection: Village Lampiya (Nr Mining Area in front of Lakshamn Singh Farm House)

## RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [microgram/m <sup>3</sup> ]	230	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m <sup>3</sup> ]	16.32	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	241.58	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM2.5) [microgram/m <sup>3</sup> ]	28.30	CPCB Guidelines	60.00
5.	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.46	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM10) [microgram/m <sup>3</sup> ]	78.20	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwan  
Authorized Signatory  
(Report No A/553)