



# 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

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RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

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## TEST REPORT

Report No. : A/1307  
Job Identification. : A1048/18-19  
Date : 20-08-2018  
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 : 04-08-2018  
Date of Sample Receipt : 07-08-2018  
Date of Test : 07-08-2018 to 18-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Lampiya Village (Laxmanlal Regar) [25°27'31.2"N 74°39'31.06"]

## 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> ]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.47	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	194.02	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	22.22	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	5.98	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	58.28	IS 5182 (Part 23)-2006 Reaffirmed 2012	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.

Senior Analyst

Authorized Signatory  
(Report No: A/1307)



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## TEST REPORT

Report No. : A/1306  
Job Identification. : A1047/18-19  
Date : 20-08-2018  
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 : 04-08-2018  
Date of Sample Receipt : 07-08-2018  
Date of Test : 07-08-2018 to 18-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Kamalpura Village (Shankar Ji House) [25°28'18.1"N 74°38'43.7"E]

## 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 as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.07	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	170.2	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	21.73	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.58	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	58.35	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Senior Analyst

  
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## TEST REPORT

Report No. : A/1305  
Job Identification. : A1046/18-19  
Date : 20-08-2018  
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 : 04-08-2018  
Date of Sample Receipt : 07-08-2018  
Date of Test : 07-08-2018 to 18-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Devpura Village (Shri Narayan Lal Ji House) [25°26'52.7"N  
74°37'55.7"E]

## 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> ]	170	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	13.27	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	155.69	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	25	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.82	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	62.24	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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## TEST REPORT

Report No. : A/1304  
Job Identification. : A1045/18-19  
Date : 20-08-2018  
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 : 03-08-2018  
Date of Sample Receipt : 07-08-2018  
Date of Test : 07-08-2018 to 18-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Jaliya Village (Ramji Lal House) [25°26'31.2"N 74°38'26.4"E]

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m3]	12.64	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	188.81	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m3]	25.39	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.6	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	62.37	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Senior Analyst

Authorized Signatory  
(Report No: A/1304)



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## TEST REPORT

Job Identification : A/1484  
Date : A1172/18-19  
Issued To : 06-09-2018  
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 : 22-08-2018  
Date of Sample Receipt : 25-08-2018  
Date of Test : 25-08-2018 to 06-09-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Lampiya Village

## 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> ]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	13.2	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	194	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	25.3	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	5.87	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	66.15	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi  
Senior Analyst

  
K.N. Mukhopadhyay  
Authorized Signatory  
(Report No: A/1484)



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Report No. :

## TEST REPORT

A/1483

A1171/18-19

06-09-2018

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 :

22-08-2018

Date of Sample Receipt :

25-08-2018

Date of Test :

25-08-2018 to 06-09-2018

Sample Collected By :

Parsa Ram Kudi

Point of Collection :

Kamalpura Village


## 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 as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	10.35	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	173	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	23.26	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	5.29	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	60.35	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Malvogi  
Senior Analyst

  
K. A. Mukhopadhyay  
Authorized Signatory  
(Report No: A/1483)



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## TEST REPORT

Job Identification : A/1482  
Date : 06-09-2018  
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 : 22-08-2018  
Date of Sample Receipt : 25-08-2018  
Date of Test : 25-08-2018 to 06-09-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Devpura Village


## 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> ]	160	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.6	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	165.8	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	21.3	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.36	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	58.23	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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K.N. Mukhonbadvay  
Authorized Signatory  
(Report No: A/1482)



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## TEST REPORT

Job Identification : A/1481  
Date : A1169/18-19  
Issued To : 06-09-2018  
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 : 22-08-2018  
Date of Sample Receipt : 25-08-2018  
Date of Test : 25-08-2018 to 06-09-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Jaliya Village (Ramji Lal House) [25°26'31.2"N 74°38'26.4"E]

## 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 NO2 [microgram/m3]	13.93	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	183.27	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	24.79	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.19	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	57.96	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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**Puran Mal Yogi**  
Senior Analyst

*K.N. Mukhopadhyay*  
**K.N. Mukhopadhyay**  
Authorized Signatory  
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