



# 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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ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

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Ph.: 94602-22039, 94602-22049  
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## TEST REPORT

Report No. : A/1227  
Job Identification. : A863/18-19  
Date : 08-08-2018  
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 : 10-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 08-08-2018  
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> ]	170	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	9.09	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	156.93	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	22.62	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.5	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	59.36	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

### Notes :-

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- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

*Parsa Ram Kudi*  
Senior Analyst

*Rajesh Maheshwari*  
Authorized Signatory  
(Report No: A/1227)



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E-mail : director@teamtesthouse.com

## TEST REPORT

Report No: A/1226  
Job Identification: A862/18-19  
Date: 08-08-2018  
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 : 10-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 08-08-2018  
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/m3]	180	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.19	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	155.31	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	26.43	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.73	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.21	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puranjit Malhotra  
Senior Analyst

  
Rajesh Mishra  
Authorized Signatory  
(Report No: A/1226)



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## TEST REPORT

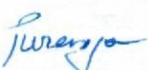
Report No.: A/1225  
Job Identification.: A861/18-19  
Date : 08-08-2018  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 11-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 02-08-2018  
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/m3]	130	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	9.93	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	126.77	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	22.67	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.14	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	52.97	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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P. Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1225)



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## TEST REPORT

Report No. : A/1224  
Job Identification. : A860/18-19  
Date : 08-08-2018  
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 : 11-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 02-08-2018  
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]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m3]	14.03	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	136.95	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m3]	17.47	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.08	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	58.04	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Maurya  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1224)



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## TEST REPORT

Report No: A/1234  
Job Identification : A974/18-19  
Date : 09-08-2018  
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 : 30-07-2018  
Date of Sample Receipt : 01-08-2018  
Date of Test : 01-08-2018 to 09-08-2018  
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/m3]	170	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.8	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	134.66	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	21.01	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.05	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	51.53	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwan  
Authorized Signatory  
(Report No: A/1234)



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## TEST REPORT


Report No: A/1233  
Job Identification : A973/18-19  
Date : 09-08-2018  
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 : 30-07-2018  
Date of Sample Receipt : 01-08-2018  
Date of Test : 01-08-2018 to 09-08-2018  
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> ]	160	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.22	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	168.37	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	25.82	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	4.22	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	64.24	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Senior Analyst

  
Authorized Signatory  
(Report No: A/1233)



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E-mail : director@teamtesthouse.com

Job Identification : A/1232  
Date : A972/18-19  
Issued To : 09-08-2018  
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 : 29-07-2018  
Date of Sample Receipt : 01-08-2018  
Date of Test : 01-08-2018 to 09-08-2018  
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> ]	230	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> ]	179.35	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	26.85	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	4.23	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	58.96	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

### Notes :-

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Purnan Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1232)



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Report No: A/1231  
Job Identification. : A971/18-19  
Date : 09-08-2018  
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 : 29-07-2018  
Date of Sample Receipt : 01-08-2018  
Date of Test : 01-08-2018 to 09-08-2018  
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]	200	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.74	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	145.65	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.5	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.05	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.86	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Rajesh Maneshwan  
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