



# 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,  
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Ph.: 94602-22039, 94602-22049  
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E-mail : director@teamtesthouse.com

## TEST REPORT

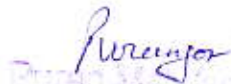
Report No. : A/269  
Job Identification. : 492/16-17  
Date : 04-05-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 14-04-2016  
Date of Sample Receipt : 19-04-2016  
Date of Test : 19-04-2016 to 04-05-2016  
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/m <sup>3</sup> ]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	9.14	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	302.51	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	44.47	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.14	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	71.19	IS 5182 (Part 23)	100.00

### Notes :-

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Senior Analyst

  
Authorized Signatory  
(Report No: A/269)



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## TEST REPORT

Report No. : A/270  
Job Identification : 493/16-17  
Date : 04-05-2016  
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 :  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 14-04-2016  
Date of Sample Receipt : 19-04-2016  
Date of Test : 19-04-2016 to 04-05-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Devpura (Shri Narayan Lal Gurjar 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> ]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	14.13	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	342.38	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	18.14	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.15	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	77.61	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/270)



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## TEST REPORT

Report No. : A/271  
Job Identification. : 494/16-17  
Date : 04-05-2016  
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 : 14-04-2016  
Date of Sample Receipt : 19-04-2016  
Date of Test : 19-04-2016 to 04-05-2016  
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/m <sup>3</sup> ]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	13.74	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	369.7	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	24.71	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	9.27	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	64.91	IS 5182 (Part 23)	100.00

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Puran Ma Yogi  
Senior Analyst

  
Authorized Signatory  
(Report No: A/271)



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## TEST REPORT

Report No. : A/272  
Job Identification. : 495/16-17  
Date : 04-05-2016  
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 : 14-04-2016  
Date of Sample Receipt : 19-04-2016  
Date of Test : 19-04-2016 to 04-05-2016  
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/m <sup>3</sup> ]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	15.8	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	346.05	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	37.03	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	9.49	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	80.49	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwan  
Authorized Signatory  
(Report No: A/272)



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**TEST REPORT**

Report No. : A/291  
Job Identification. : 1115/16-17  
Date : 09-05-2016  
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 : 30-04-2016  
Date of Sample Receipt : 04-05-2016  
Date of Test : 04-05-2016 to 09-05-2016  
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]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.99	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	402.2	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	36.12	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.59	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	81.3	IS 5182 (Part 23)	100.00

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**Puran Mal Yogi**  
Senior Analyst

  
**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: A/291)



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## TEST REPORT

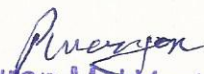
Report No. : A/292  
Job Identification. : 1116/16-17  
Date : 09-05-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 30-04-2016  
Date of Sample Receipt : 04-05-2016  
Date of Test : 04-05-2016 to 09-05-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Lampiya (Narayan 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> ]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	18.96	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	341.22	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	37.18	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	3.52	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	71.79	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/292)



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## TEST REPORT

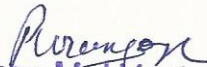
Report No. : A/293  
Job Identification : 1117/16-17  
Date : 09-05-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 02-05-2016  
Date of Sample Receipt : 04-05-2016  
Date of Test : 04-05-2016 to 09-05-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Devpura

## 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 NO2 [microgram/m3]	16.92	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	302.72	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	32.98	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.44	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	78.61	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/293)



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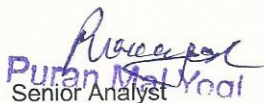
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ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 02-05-2016  
Date of Sample Receipt : 04-05-2016  
Date of Test : 04-05-2016 to 09-05-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Jaliya (Ramji Lal House)

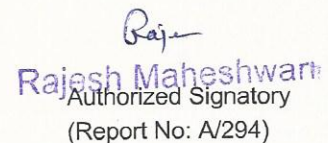
## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m <sup>3</sup> ]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	16.4	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	339.52	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	48.42	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	3.71	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	75.94	IS 5182 (Part 23)	100.00

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Purnan Malviya  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/294)