



# 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

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Website : www.teamtesthouse.com

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## TEST REPORT

Report No. : A/5058  
Job Identification : 10363  
Date : 02-03-2016  
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 : 13-02-2016  
Date of Sample Receipt : 17-02-2016  
Date of Test : 17-02-2016 to 02-03-2016  
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/m <sup>3</sup> ]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.08	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	235.5	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	31.73	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.12	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	69.59	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.

  
Puran Maheshwari  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/5058)



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## TEST REPORT

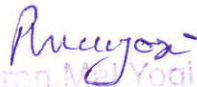
Report No. : A/5057  
Job Identification. : 10362  
Date : 02-03-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 13-02-2016  
Date of Sample Receipt : 17-02-2016  
Date of Test : 17-02-2016 to 02-03-2016  
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]	13.55	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	270.09	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	26.48	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.67	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	53.63	IS 5182 (Part 23)	100.00

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Purnima Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/5057)



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## TEST REPORT

Report No. : A/5056  
Job Identification. : 10361  
Date : 02-03-2016  
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 : 13-02-2016  
Date of Sample Receipt : 17-02-2016  
Date of Test : 17-02-2016 to 02-03-2016  
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> ]	14.64	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	189.12	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	22.21	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.53	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	58.86	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Malleshwan  
Authorized Signatory  
(Report No: A/5056)



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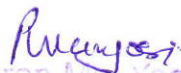
Report No. : A/5055  
Job Identification. : 10360  
Date : 02-03-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 13-02-2016  
Date of Sample Receipt : 17-02-2016  
Date of Test : 17-02-2016 to 02-03-2016  
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]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.79	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	244.88	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	24.72	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.75	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	60.68	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Authorized Signatory  
(Report No: A/5055)



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## TEST REPORT

Report No. : A/5067  
Job Identification. : 11029  
Date : 03-03-2016  
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 : 27-02-2016  
Date of Sample Receipt : 29-02-2016  
Date of Test : 29-02-2016 to 03-03-2016  
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> ]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	8.52	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	195.86	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	21.7	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	5.59	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	73.65	IS 5182 (Part 23)	100.00

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Purnan Malvi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/5067)



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## TEST REPORT

Report No. : A/5066  
Job Identification. : 11028  
Date : 03-03-2016  
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 : 27-02-2016  
Date of Sample Receipt : 29-02-2016  
Date of Test : 29-02-2016 to 03-03-2016  
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]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.69	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	292.74	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	33.41	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.15	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	64.91	IS 5182 (Part 23)	100.00

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/5066)



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## TEST REPORT

Report No. : A/5065  
Job Identification. : 11027  
Date : 03-03-2016  
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 : 26-02-2016  
Date of Sample Receipt : 29-02-2016  
Date of Test : 29-02-2016 to 03-03-2016  
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> ]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	17.52	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	258.23	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	31.02	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	5.51	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	79.89	IS 5182 (Part 23)	100.00

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*Puranjit*  
Puranjit  
Senior Analyst

*Rajesh*  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/5065)



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E-mail : director@teamtesthouse.com

## TEST REPORT

Report No. : A/5064  
Job Identification. : 11026  
Date : 03-03-2016  
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 : 26-02-2016  
Date of Sample Receipt : 29-02-2016  
Date of Test : 29-02-2016 to 03-03-2016  
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]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.88	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	274.69	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	30.79	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.22	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	74.12	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwari  
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