



**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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JDA/UDH

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E-mail : teamtesthouse@gmail.com  
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**TEST REPORT**

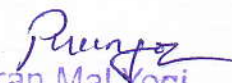
Report No. : A/1210  
Job Identification. : 4404/16-17  
Date : 22-08-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 07-08-2016  
Date of Sample Receipt : 12-08-2016  
Date of Test : 12-08-2016 to 22-08-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Kamalpura (Shri Bhaver Lal Gurjar Purv Sarpanch House)

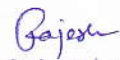
**RESULTS**

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]	10.47	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	57.39	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	21.62	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.36	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	33.88	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 Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1210)



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## TEST REPORT

Report No. : A/1211  
Job Identification. : 4405/16-17  
Date : 22-08-2016  
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 : 08-08-2016  
Date of Sample Receipt : 12-08-2016  
Date of Test : 12-08-2016 to 22-08-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Lampiya (Nr Mining Area in front of Lakshman Singh Farm House)

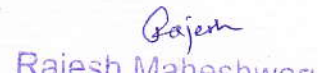
## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.9	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	76.12	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	11.93	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.6	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	36.03	IS 5182 (Part 23)	100.00

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Purnan Malvi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1211)



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## TEST REPORT

Report No. : A/1212  
Job Identification. : 4406/16-17  
Date : 22-08-2016  
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 : 09-08-2016  
Date of Sample Receipt : 12-08-2016  
Date of Test : 12-08-2016 to 22-08-2016  
Sample Collected By : Darwesh Kumar  
Point of Collection : Village Devpura Shri Narayan Lal Gurjar

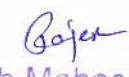
## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m <sup>3</sup> ]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	16.58	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	72.57	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	16.57	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	4.06	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	25.72	IS 5182 (Part 23)	100.00

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1212)



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## TEST REPORT

Report No. : A/1213  
Job Identification. : 4407/16-17  
Date : 22-08-2016  
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 : 08-08-2016  
Date of Sample Receipt : 12-08-2016  
Date of Test : 12-08-2016 to 22-08-2016  
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]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	17.21	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	94.1	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	14.99	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.4	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	32.4	IS 5182 (Part 23)	100.00

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Rajesh Maheshwari  
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## TEST REPORT

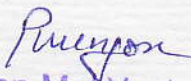
Report No. : A/1298  
Job Identification. : 4941/16-17  
Date : 07-09-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 30-08-2016  
Date of Sample Receipt : 01-09-2016  
Date of Test : 01-09-2016 to 07-09-2016  
Sample Collected By : Rakesh Sharma  
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]	170	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.24	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	126.24	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	19.2	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.6	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	45.42	IS 5182 (Part 23)	100.00

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Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1298)



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**TEST REPORT**

Report No. : A/1299  
Job Identification : 4942/16-17  
Date : 07-09-2016  
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 : 30-08-2016  
Date of Sample Receipt : 01-09-2016  
Date of Test : 01-09-2016 to 07-09-2016  
Sample Collected By : Rakesh Sharma  
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> ]	150	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	8.99	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	149.82	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	17.77	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.13	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	42.32	IS 5182 (Part 23)	100.00

Notes :-

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Purnan Mal Yogi  
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## TEST REPORT

Report No.: A/1300  
Job Identification.: 4943/16-17  
Date : 07-09-2016  
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 : 31-08-2016  
Date of Sample Receipt : 01-09-2016  
Date of Test : 01-09-2016 to 07-09-2016  
Sample Collected By : Rakesh Sharma  
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]	130	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	8.52	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	139.89	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	24.92	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.59	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	44.51	IS 5182 (Part 23)	100.00

### Notes :-

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Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1300)



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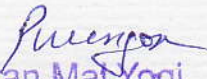
Report No.: A/1301  
Job Identification.: 4944/16-17  
Date : 07-09-2016  
Issued To : M/S Jindal Saw Limited (Lampiya Mines)  
ML No. 627/05, Village : Lampiya Tehsil : Banera,  
District : Bhilwara- 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 31-08-2016  
Date of Sample Receipt : 01-09-2016  
Date of Test : 01-09-2016 to 07-09-2016  
Sample Collected By : Rakesh Sharma  
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> ]	110	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	10.04	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	148.67	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	15.7	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.59	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	41.27	IS 5182 (Part 23)	100.00

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Purnan Maurya  
Senior Analyst

  
Rajesh Maheshwari  
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(Report No: A/1301)