



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



TC-5025

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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## TEST REPORT

Report No. : A/2103  
Job Identification. : 6642/17-18  
Date : 24-11-2017  
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 : Ambient Air Quality Monitoring  
Type of Sample :  
Date of Sample Collection/Monitoring : 14-11-2017  
Date of Sample Receipt : 17-11-2017  
Date of Test : 17-11-2017 to 24-11-2017  
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]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.25	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	251.99	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	30.34	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.64	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	68.12	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.

*Purani*  
**Purani Mal Vagi**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwan**  
Authorized Signatory  
(Report No: A/2103)



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## TEST REPORT

Report No. :	A/2102
Job Identification. :	6641/17-18
Date :	24-11-2017
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil ; Banera, District : Bhilwara- 311802 (Rajasthan) Mines Ambient Air Quality Monitoring
Type of Unit :	14-11-2017
Type of Sample :	17-11-2017
Date of Sample Collection/Monitoring :	17-11-2017 to 24-11-2017
Date of Sample Receipt :	Parsa Ram Kudi
Date of Test :	Kamalpura Village (Shankar Ji House) [25°28'18.1"N 74°38'43.7"E]
Sample Collected By :	
Point of Collection :	

## 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> ]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	13.3	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	235.34	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	24.98	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	5.11	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	58.97	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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*Rajesh*  
**Rajesh Maheshwari**  
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## TEST REPORT

Report No. :	A/2101
Job Identification. :	6640/17-18
Date :	24-11-2017
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 :	13-11-2017
Date of Sample Receipt :	17-11-2017
Date of Test :	17-11-2017 to 24-11-2017
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]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.56	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	229.6	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	21.42	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.15	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
	Particulate Matter (PM 10) [microgram/m3]	68.85	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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## TEST REPORT

Report No. : A/2100  
 Job Identification : 6639/\*17-18  
 Date : 24-11-2017  
 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 : Ambient Air Quality Monitoring  
 Type of Sample :  
 Date of Sample Collection/Monitoring : 15-11-2017  
 Date of Sample Receipt : 17-11-2017  
 Date of Test : 17-11-2017 to 24-11-2017  
 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]	330	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.2	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	289.65	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	36.69	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.01	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	86.45	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Rajesh Maheshwari  
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## TEST REPORT

Report No. : A/2244  
Job Identification. : 7052/17-18  
Date : 08-12-2017  
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 : 30-11-2017  
Date of Sample Receipt : 02-12-2017  
Date of Test : 02-12-2017 to 07-12-2017  
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> ]	190	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> ]	163.75	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	23.76	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	5.25	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	58.76	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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## TEST REPORT

Report No. : A/2242  
Job Identification : 7050/17-18  
Date : 08-12-2017  
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 : 29-11-2017  
Date of Sample Receipt : 02-12-2017  
Date of Test : 02-12-2017 to 07-12-2017  
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]	11.77	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	221.84	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	23.28	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.17	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	71.61	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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*Puran Mal Yogi*  
Puran Mal Yogi  
Senior Analyst

*Rajesh Maheshwari*  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/2242)



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## TEST REPORT

Report No. : A/2243  
Job Identification. : 7051/17-18  
Date : 08-12-2017  
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 : 29-11-2017  
Date of Sample Receipt : 02-12-2017  
Date of Test : 02-12-2017 to 07-12-2017  
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> ]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.45	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	181.85	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	23.47	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.67	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	57.68	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Purnima Vogi  
Senior Analyst

  
Rajesh Maheshwari  
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## TEST REPORT

Report No. : A/2245  
Job Identification. : 7053/17-18  
Date : 08-12-2017  
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 : 30-11-2017  
Date of Sample Receipt : 02-12-2017  
Date of Test : 02-12-2017 to 07-12-2017  
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/m <sup>3</sup> ]	160	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	11.15	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	167.79	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	26.34	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	4.9	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	63.18	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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