

(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 9001:2015 OHSAS 18001:2007 JDA/UDH

Office: E-65, Chitranjan Marg, C-Scheme, Jaipur-302001

Phone: 0141-2369980, 2771865 Website: www.teamtesthouse.com Lab.: G1-584, Sitapura Industrial Area Tonk Road, JAIPUR-302022 Raj. Ph.: 94602-22036, 94602-22049 E-mail: teamtesthouse@gmail.com E-mail: director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519400001908F	Date :	16-07-2019
Issued To:	M/S Jindal Saw Limited (Lamplya 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/Monitori ng:	01-07-2019
Point of Collection	Lampiya Village (Laxmanlal Regar) (74*39'31"N,25*27'31"E)	Date of Receipt :	06-07-2019
Date of Test/Analysis :	06-07-2019 to 16-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	260	IS 5182 (Part 10): 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.41	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	222.31	IS 5182 (Part 4) : 1999 Reaffirmed 2014	•
4	Particulate Matter (PM2.5) [microgram/m3]	27.3	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.44	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	66.34	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puran Mai Yogi Senior Analysi

Rajesh Mahoshwari Authorized Signatory

(Report No: TC502519400001908F)



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TEST REPORT

Report No./ULR No. :	TC502519400001907F	Date :	16-07-2019
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/Monitori ng:	01-07-2019
Point of Collection	Kamalpura Village [74*38'44"N 25*28'18"E]	Date of Receipt :	06-07-2019
Date of Test/Analysis :	06-07-2019 to 16-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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]	13.81	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	213.71	IS 5182 (Part 4) : 1999 Reaffirmed 2014	
4	Particulate Matter (PM2.5) [microgram/m3]	34.53	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.79	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
8	Particulate Matter (PM 10) [microgram/m3]	60.62	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Mai Yogi

Rajesh Maheshwan Authorized Signatory

(Report No: TC502519400001907F)



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TEST REPORT

Report No./ULR No. :	TC502519400001906F	Date :	16-07-2019
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/Monitori ng :	02-07-2019
Point of Collection :	Devpura Village (Shri Narayan Lal Ji House) [74*37'56"N, 25*26'53"E)	Date of Receipt :	06-07-2019
Date of Test/Analysis :	06-07-2019 to 16-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS S.No Parameters Observed Value Testing Protocol Limits as per National Ambient Air Quality Standard, 2009 Carbon Monoxide [microgram/m3] 210 IS 5182 (Part 10): 1999 4000 2 Nitrogen Dioxide as NO2 [microgram/m3] 12.2 IS 5182 (Part 6): 2006 80.00 Reaffirmed 2012 Suspended Particulate Matter (SPM) 3 186.56 IS 5182 (Part 4): 1999 [microgram/m3] Reaffirmed 2014 Particulate Matter (PM2.5) [microgram/m3] 25.37 **CPCB** Guidelines 60.00 5 Sulphur Dioxide [microgram/m3] 5.96 IS 5182 (Part 2): 2001 80.00 Reaffirmed 2012 6 Particulate Matter (PM 10) [microgram/m3] 70 IS 5182 (Part 23)-2006 100.00 Reaffirmed 2012

Notes :-

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Puran Mal Yogi Senior Analyst

Rajesh Maheshwari Authorized Signatory

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TEST REPORT

Report No./ULR No. :	TC502519400001905F	Date :	16-07-2019
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/Monitori ng:	02-07-2019
Point of Collection	Jaliya Village (Ramji Lal House) [74*38'26"N,25*26'31"E]	Date of Receipt :	06-07-2019
Date of Test/Analysis:	06-07-2019 to 16-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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]	11.38	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	173.73	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.98	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.13	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.66	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Mal Yogi Senior Analyst

Rajesh Waheshwan

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TEST REPORT

Report No./ULR No. :	TC502519400002131F	Date :	03-08-2019
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/Monitori ng:	25-07-2019
Point of Collection	Lampiya Village (Laxmanlal Regar) (74*39'31"N,25*27'31"E)	Date of Receipt :	29-07-2019
Date of Test/Analysis:	29-07-2019 to 03-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :		Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESILITS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	160	IS 5182 (Part 10): 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	24.13	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	139.87	IS 5182 (Part 4) : 1999 Reaffirmed 2014	•
4	Particulate Matter (PM2.5) [microgram/m3]	22.48	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]	59.16	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Senior Analy Mai Yogi

Rajesh Maheshwan Authorized Signatory (Report No: TC502519400002131F)



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Lab.: G1-584, Sitapura Industrial Area Tonk Road, JAIPUR-302022 Raj. Ph.: 94602-22039, 94602-22049 E-mail: teamtesthouse@gmail.com

E-mail: director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400002130F	Date :	03-08-2019
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/Monitori ng:	25-07-2019
Point of Collection	Kamalpura Village [74*38'44"N 25*28'18"E]	Date of Receipt :	29-07-2019
Date of Test/Analysis :	29-07-2019 to 03-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	=	Sample Collected By:	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

DECLII TO

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]	8.11	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	124.78	IS 5182 (Part 4): 1999 Reaffirmed 2014	
4	Particulate Matter (PM2.5) [microgram/m3]	22.14	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.16	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	46.87	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Wal Yogi Senior Analyst

Rajes Mahes Authorized Signatory

(Report No: TC502519400002130F)



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TEST REPORT

Report No./ULR No.:	TC502519400002129F	Date :	03-08-2019
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/Monitori ng:	26-07-2019
Point of Collection :	Devpura Village (Shri Narayan Lal Ji House) [74*37'56"N, 25*26'53"E)	Date of Receipt :	29-07-2019
Date of Test/Analysis:	29-07-2019 to 03-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	⇒ 7.	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	160	IS 5182 (Part 10): 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.36	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	124.11	IS 5182 (Part 4): 1999 Reaffirmed 2014	
4	Particulate Matter (PM2.5) [microgram/m3]	24.22	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.74	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	49.67	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Mai Yogi

Rajes Maheshwan

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Tonk Road, JAIPUR-302022 Raj. Ph.: 94602-22039, 94602-22049 E-mail: teamtesthouse@gmail.com E-mail: director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400002128F	Date :	03-08-2019
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/Monitori ng :	26-07-2019
Point of Collection	Jaliya Village (Ramji Lal House) [74*38'26"N,25*26'31"E]	Date of Receipt :	29-07-2019
Date of Test/Analysis :	29-07-2019 to 03-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	150	IS 5182 (Part 10): 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.01	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	140.31	IS 5182 (Part 4): 1999 Reaffirmed 2014	500
4	Particulate Matter (PM2.5) [microgram/m3]	27.27	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.22	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	62.02	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes -

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Puran Mal Yogi Senior Analyst

Raje: H Maheshwan Authorized Signatory (Report No: TC502519400002128F)