



# 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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ISO 9001:2008

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JDA/UDH

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## TEST REPORT

Report No. :	A/3180
Job Identification. :	ULR-TC502519400000341
Date :	15-02-2019
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/Monitoring :	04-02-2019
Date of Sample Receipt :	07-02-2019
Date of Test :	07-02-2019 to 15-02-2019
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]	300	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.14	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	268.51	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	36.73	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.49	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	66.44	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.

*Balram*  
**Balram Agarwal**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: A/3180)



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## TEST REPORT

Report No. :	A/3179
Job Identification. :	ULR-TC502519400000340
Date :	15-02-2019
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/Monitoring :	04-02-2019
Date of Sample Receipt :	07-02-2019
Date of Test :	07-02-2019 to 15-02-2019
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]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	21.62	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	346.05	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	33.5	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.78	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.98	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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**Rajesh Maheshwari**  
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## TEST REPORT

Report No. : A/3178  
Job Identification : ULR-TC502519400000339  
Date : 15-02-2019  
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/Monitoring : 04-02-2019  
Date of Sample Receipt : 07-02-2019  
Date of Test : 07-02-2019 to 15-02-2019  
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]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.82	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	342.54	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	32.84	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.31	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	77.14	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/3177
Job Identification. :	ULR-TC502519400000338
Date :	15-02-2019
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/Monitoring :	03-02-2019
Date of Sample Receipt :	07-02-2019
Date of Test :	07-02-2019 to 15-02-2019
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]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	17.69	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	243.09	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	40.48	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.72	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	88.57	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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**Balram Agarwal**  
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*Rajesh Maneshwan*  
**Rajesh Maneshwan**  
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## TEST REPORT

Report No. :	A/3420
Job Identification. :	ULR-TC502519400000571
Date :	13-03-2019
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/Monitoring :	27-02-2019
Date of Sample Receipt :	01-03-2019
Date of Test :	01-03-2019 to 13-03-2019
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Lampiya Village (74*39*31"N,25*27*31"E)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	0.320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.63	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	254.23	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	33.31	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.84	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	66.16	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Maurya  
Senior Analyst

*Rajesh Maheshwari*  
Rajesh Maheshwari  
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## TEST REPORT

Report No. :	A/3419
Job Identification. :	ULR-TC502519400000570
Date :	13-03-2019
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/Monitoring :	27-02-2019
Date of Sample Receipt :	01-03-2019
Date of Test :	01-03-2019 to 13-03-2019
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Kamalpura Village [74°38'44"N, 25°28'18"E)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	300	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.79	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	223.63	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.81	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.1	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	81.25	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Senior Analyst

*Rajesh Maheshwari*  
Authorized Signatory  
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## TEST REPORT

Report No. :	A/3418
Job Identification. :	ULR-TC502519400000569
Date :	13-03-2019
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/Monitoring :	28-02-2019
Date of Sample Receipt :	01-03-2019
Date of Test :	01-03-2019 to 13-03-2019
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Devpura Village [74*37'56"N, 25*26'53"E)

## 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]	10.35	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	209.45	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.45	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.13	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	62.5	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Purni Mal Yogi  
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Rajesh Maheshwari  
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## TEST REPORT

Report No. :	A/3417
Job Identification. :	ULR-TC502519400000568
Date :	13-03-2019
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/Monitoring :	28-02-2019
Date of Sample Receipt :	01-03-2019
Date of Test :	01-03-2019 to 13-03-2019
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Jaliya Village (Ramji Lal House) [25°26'31"N 74°38'27"E]

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	19.8	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	299.36	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	43.98	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.04	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	83.07	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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