



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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TEST REPORT

Report No. : A/2719
Job Identification. : 9146/16-17
Date : 14-02-2017
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 : 03-01-2017
Date of Sample Receipt : 08-01-2017
Date of Test : 08-01-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.64	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	211.53	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	26.78	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.53	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.52	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Malhotra
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/2719)



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TEST REPORT

Report No. : A/2718
Job Identification. : 9145/16-17
Date : 14-02-2017
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 : 03-01-2017
Date of Sample Receipt : 08-01-2017
Date of Test : 08-01-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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 ³]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	9.26	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	212.14	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	23.96	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.06	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	63.4	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Maurya
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Rajesh Maheshwari
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TEST REPORT


Report No. : A/2721
Job Identification. : 9148/16-17
Date : 14-02-2017
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 : 04-01-2017
Date of Sample Receipt : 08-01-2017
Date of Test : 08-01-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.43	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	222.13	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	27.72	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.18	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	57.22	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Maheshwari
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Rajesh Maheshwari
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TEST REPORT

Report No. : A/2720
Job Identification. : 9147/16-17
Date : 14-02-2017
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 : 04-01-2017
Date of Sample Receipt : 08-01-2017
Date of Test : 08-01-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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 ³]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	14.41	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	206.98	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	24.92	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.12	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	66.56	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Purande
Puran Makhyogi
Senior Analyst

Raja
Rajesh Maheshwan
Authorized Signatory
(Report No: A/2720)



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TEST REPORT

Report No. : A/2726
Job Identification. : 9810/16-17
Date : 14-02-2017
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 : 28-01-2017
Date of Sample Receipt : 01-02-2017
Date of Test : 01-02-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m3]	11.56	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	163.5	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m3]	24.16	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.75	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	56.58	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Maitiyogi
Puran Maitiyogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: A/2726)



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TEST REPORT

Report No. : A/2728
Job Identification. : 9812/16-17
Date : 14-02-2017
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 : 28-01-2017
Date of Sample Receipt : 01-02-2017
Date of Test : 01-02-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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 ³]	180	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.99	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	210.92	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	23.66	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.42	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	52.02	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Maheshwari
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/2728)



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TEST REPORT

Report No.: A/2729
Job Identification.: 9813/16-17
Date : 14-02-2017
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 : 28-01-2017
Date of Sample Receipt : 01-02-2017
Date of Test : 01-02-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.42	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	210	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.3	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.04	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	57.56	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Purnan M S Yogi
Senior Analyst


Rajesh Maheshwari
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(Report No: A/2729)



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TEST REPORT

Report No. : A/2727
Job Identification. : 9811/16-17
Date : 14-02-2017
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 : 28-01-2017
Date of Sample Receipt : 01-02-2017
Date of Test : 01-02-2017 to 14-02-2017
Sample Collected By : Satyendra Kumar 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 ³]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	11.99	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	181.81	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	26.05	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.18	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	61.53	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran May Yogi
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