



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

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ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

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TEST REPORT


Report No. : A/1688
Job Identification : 6393/16-17
Date : 22-10-2016
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 : 07-10-2016
Date of Sample Receipt : 10-10-2016
Date of Test : 10-10-2016 to 22-10-2016
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/m3]	300	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.44	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	339.1	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	41.03	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.38	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	85.68	IS 5182 (Part 23)	100.00

Notes :-

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Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/1688)



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Job Identification. : A/1689
6394/16-17
Date : 22-10-2016
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 : 07-10-2016
Date of Sample Receipt : 10-10-2016
Date of Test : 10-10-2016 to 22-10-2016
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]	460	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.02	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	176.45	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	35.59	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.09	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.66	IS 5182 (Part 23)	100.00

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Pooja Maheshwari
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/1689)



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Job Identification. :

A/1690

Date :

6395/16-17

Issued To :

22-10-2016

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 :

08-10-2016

Date of Sample Receipt :

10-10-2016

Date of Test :

10-10-2016 to 22-10-2016

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]	320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.11	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	227.85	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.59	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.11	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.56	IS 5182 (Part 23)	100.00

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Purnima
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/1690)



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Job Identification :

A/1691
6396/16-17

Date :

22-10-2016

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 :

08-10-2016

Date of Sample Receipt :

10-10-2016

Date of Test :

10-10-2016 to 22-10-2016

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]	390	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	18.24	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	172.65	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	26.03	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.03	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	81.77	IS 5182 (Part 23)	100.00

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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/1691)



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Job Identification : A/1770
Date : 7049/16-17
Issued To : 04-11-2016
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 : 25-10-2016
Date of Sample Receipt : 28-10-2016
Date of Test : 28-10-2016 to 04-11-2016
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]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.12	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	146.48	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	25.06	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.75	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	47.34	IS 5182 (Part 23)	100.00

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Purnan Malhotra
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/1770)



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TEST REPORT

Report No. : A/1771
Job Identification : 7050/16-17
Date : 04-11-2016
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 : 25-10-2016
Date of Sample Receipt : 28-10-2016
Date of Test : 28-10-2016 to 04-11-2016
Sample Collected By : Kishan 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/m3]	140	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.37	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	141.08	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	24.26	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.52	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	48.84	IS 5182 (Part 23)	100.00

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Puranga
Puranga Maheshwari
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: A/1771)



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TEST REPORT

Report No: A/1772
Job Identification : 7051/16-17
Date : 04-11-2016
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 : 26-10-2016
Date of Sample Receipt : 28-10-2016
Date of Test : 28-10-2016 to 04-11-2016
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]	13.15	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	191.83	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	24.59	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	4.24	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	57.64	IS 5182 (Part 23)	100.00

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Puran Malhotra
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: A/1772)



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TEST REPORT

Report No.: A/1773
Job Identification.: 7052/16-17
Date : 04-11-2016
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 : 26-10-2016
Date of Sample Receipt : 28-10-2016
Date of Test : 28-10-2016 to 04-11-2016
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]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.79	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	175.12	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	20.8	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.96	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	58.28	IS 5182 (Part 23)	100.00

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Purnan Malhotra
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/1773)