



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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Website : www.teamtesthouse.com

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Ph.: 94602-22039, 94602-22049
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TEST REPORT

Report No. : A/3551
Job Identification. : 5525
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 09-01-2015
Date of Sample Receipt : 13-01-2015
Date of Test : 13-01-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Tiranga Pit (Mining Face)

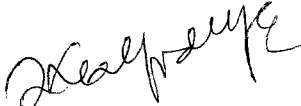
RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	340	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.98	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	329.48	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	33.79	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	10.42	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	82.72	IS 5182 (Part 23)	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.


(Rajesh Maheshwari)
Technical Manager


(Kavita Mathur)
Authorized Signatory
(Report No: A/3551)



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TEST REPORT

Report No. : A/3552
Job Identification. : 5526
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 09-01-2015
Date of Sample Receipt : 13-01-2015
Date of Test : 13-01-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Pit (About 10 meter distance of loading point)

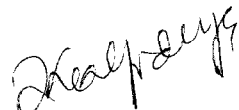
RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	290	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.99	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	298.87	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	34.13	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.07	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	85.1	IS 5182 (Part 23)	100.00

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(Rajesh Maheshwari)
Technical Manager


(Kavita Mathur)
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TEST REPORT


Report No. : A/3553
Job Identification. : 5527
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 10-01-2015
Date of Sample Receipt : 13-01-2015
Date of Test : 13-01-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Dhulkhera Village (Prabhu Lal Carpenter)

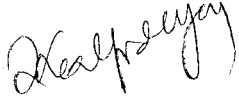
RESULTS

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]	11.11	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	321.35	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	32.14	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	9.64	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	79.98	IS 5182 (Part 23)	100.00

Notes :-

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(Kavita Mathur)
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(Report No: A/3553)



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TEST REPORT

Report No. : A/3554
Job Identification. : 5528
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 10-01-2015
Date of Sample Receipt : 13-01-2015
Date of Test : 13-01-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi village


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]	11.11	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	268.27	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	29.3	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.56	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	57.37	IS 5182 (Part 23)	100.00

Notes :-

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TEST REPORT

Report No. : A/3559
Job Identification. : 6155
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajai No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 28-01-2015
Date of Sample Receipt : 02-02-2015
Date of Test : 02-02-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Tiranga Pit (Mining Face)

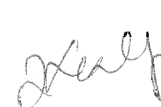
RESULTS

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]	19.21	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	294.45	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	30.74	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	9.91	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	84.61	IS 5182 (Part 23)	100.00

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E-mail : teamtest@rediffmail.com

TEST REPORT

Report No. : A3560
Job Identification. : 6156
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 28-01-2015
Date of Sample Receipt : 02-02-2015
Date of Test : 02-02-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi village


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.1	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	253.47	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	19.85	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.2	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	54.27	IS 5182 (Part 23)	100.00

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TEST REPORT

Report No. : A/3561
Job Identification. : 6157
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 29-01-2015
Date of Sample Receipt : 02-02-2015
Date of Test : 02-02-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Pit (About 10 meter distance of loading point)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	270	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	21.83	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	358.21	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	23.21	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.2	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	74.23	IS 5182 (Part 23)	100.00

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TEST REPORT

Report No. : A/3562
Job Identification. : 6158
Date : 06-02-2015
Issued To : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 29-01-2015
Date of Sample Receipt : 02-02-2015
Date of Test : 02-02-2015 to 06-02-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Dhulkhera Village (Prabhu Lal Carpenter)


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]	15.74	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	308.67	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	21.79	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.82	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	73.53	IS 5182 (Part 23)	100.00

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