



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

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.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
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TEST REPORT

Report No. : A/272
Job Identification. : 325
Date : 04-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 11-04-2015
Date of Sample Receipt : 13-04-2015
Date of Test : 13-04-2015 to 27-04-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Tiranga Pit (Mining Face)

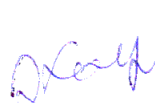
RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	430	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	19.83	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	339.84	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	37.52	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	10.57	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	75.84	IS 5182 (Part 23)	100.00

Notes :-

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Technical Manager


Authorized Signatory
(Report No: A/272)



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TEST REPORT

Report No. : A/273
Job Identification. : 326
Date : 04-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 11-04-2015
Date of Sample Receipt : 13-04-2015
Date of Test : 13-04-2015 to 27-04-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Village (Ratan Lal house-on roof)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	380	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	17.3	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	329.11	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	27.66	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	9.17	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	86.41	IS 5182 (Part 23)	100.00

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Rajen

Technical Manager

[Signature]

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TEST REPORT

Report No. : A/274
Job Identification. : 327
Date : 04-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 11-04-2015
Date of Sample Receipt : 13-04-2015
Date of Test : 13-04-2015 to 27-04-2015
Sample Collected By : Darwesh Kumar
Point of collection : Dhulkhera Pit

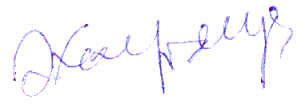
RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.21	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	356.31	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	27.92	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.87	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	76.32	IS 5182 (Part 23)	100.00

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TEST REPORT

Report No. : A/275
Job Identification. : 328
Date : 04-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 11-04-2015
Date of Sample Receipt : 13-04-2015
Date of Test : 13-04-2015 to 04-05-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi village

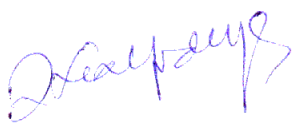
RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.8	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	231.21	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	19.49	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.77	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	70.89	IS 5182 (Part 23)	100.00

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E-mail : teamtest@rediffmail.com

TEST REPORT

Report No. : A/283
Job Identification. : 762
Date : 05-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 24-04-2015
Date of Sample Receipt : 27-04-2015
Date of Test : 27-04-2015 to 04-05-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi village

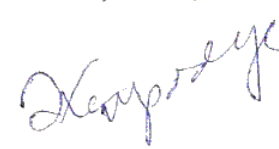
RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	14.54	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	229.56	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	20.63	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.91	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	59.87	IS 5182 (Part 23)	100.00

Notes :-

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TEST REPORT

Report No. : A/282
Job Identification. : 759
Date : 05-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 24-04-2015
Date of Sample Receipt : 27-04-2015
Date of Test : 27-04-2015 to 04-05-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Dhulkhera Village (Prabhu Lal Carpenter)

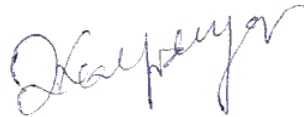
RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.31	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	370.02	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	27.88	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.22	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	89.87	IS 5182 (Part 23)	100.00

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TEST REPORT

Report No. : A/281
Job Identification. : 758
Date : 05-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 23-04-2015
Date of Sample Receipt : 27-04-2015
Date of Test : 27-04-2015 to 04-05-2015
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Village (Ratan Lal house-on roof)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	370	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m3]	18.11	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	306.61	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m3]	26.28	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.58	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	71.99	IS 5182 (Part 23)	100.00

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TEST REPORT

Report No. : A/280
Job Identification. : 757
Date : 05-05-2015
Issued To : M/S Jindal Saw Limited (Mines Unit)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 23-04-2015
Date of Sample Receipt : 27-04-2015
Date of Test : 27-04-2015 to 04-05-2015
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]	390	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m3]	19.09	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	327.27	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m3]	29.44	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.96	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m3]	74.88	IS 5182 (Part 23)	100.00

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