



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, Chitrangan 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
E-mail : director@teamtesthouse.com

TEST REPORT

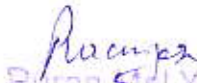
Report No. : A/265
Job Identification. : 488/16-17
Date : 04-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajai No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 13-04-2016
Date of Sample Receipt : 19-04-2016
Date of Test : 19-04-2016 to 03-05-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Dhulkhera Pit (Near Mines Office)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	410	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.63	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	372.36	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	48.15	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	4.85	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	89	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.


Purnima
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/265)



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TEST REPORT

Report No. : A/266
Job Identification. : 489/16-17
Date : 04-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
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 : 13-04-2016
Date of Sample Receipt : 19-04-2016
Date of Test : 19-04-2016 to 03-05-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi Village (House of Shri Ratan Ahir)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.65	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	375.31	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	35.65	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.72	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	79.98	IS 5182 (Part 23)	100.00

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Senior Analyst

Authorized Signatory
(Report No: A/266)



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TEST REPORT

Report No. : A/267
Job Identification : 490/16-17
Date : 04-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
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 : 13-04-2016
Date of Sample Receipt : 19-04-2016
Date of Test : 19-04-2016 to 04-05-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Pit Near Dhaba

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]	11.31	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	352.3	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	38.23	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.05	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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Senior Analyst


Authorized Signatory
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TEST REPORT

Report No. : A/268
Job Identification. : 491/16-17
Date : 04-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
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 : 13-04-2016
Date of Sample Receipt : 19-04-2016
Date of Test : 19-04-2016 to 04-05-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Tiranga Pit (Mining Area)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	430	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.55	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	367.2	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	46.25	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.33	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	80.79	IS 5182 (Part 23)	100.00

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Purnan Maheshwari
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/268)



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E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/287
Job Identification. : 1111/16-17
Date : 09-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
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 : 28-04-2016
Date of Sample Receipt : 04-05-2016
Date of Test : 04-05-2016 to 09-05-2016
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/m ³]	460	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	9.98	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	419.19	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	33.01	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	3.46	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	87.42	IS 5182 (Part 23)	100.00

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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/287)



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E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/288
Job Identification. : 1112/16-17
Date : 09-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
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 : 28-04-2016
Date of Sample Receipt : 04-05-2016
Date of Test : 04-05-2016 to 09-05-2016
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]	410	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	11.9	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	398.57	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	32.42	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.16	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	71.87	IS 5182 (Part 23)	100.00

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Puran Mal Yogi
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Rajesh Maheshwari
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TEST REPORT

Report No. : A/289
Job Identification. : 1113/16-17
Date : 09-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
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 : 29-04-2016
Date of Sample Receipt : 04-05-2016
Date of Test : 04-05-2016 to 09-05-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Pit Near Dhaba

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	430	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	11.44	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	331.14	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	42.34	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	4.53	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	82.63	IS 5182 (Part 23)	100.00

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Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/289)



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TEST REPORT

Report No. : A/290
Job Identification : 1114/16-17
Date : 09-05-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
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 : 29-04-2016
Date of Sample Receipt : 04-05-2016
Date of Test : 04-05-2016 to 09-05-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi Village (Ratan Singh Aheer's House)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	10.61	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	410.18	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	34.91	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	3.85	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	75.83	IS 5182 (Part 23)	100.00

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Senior Analyst

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