



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

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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/392
Job Identification. : A80/18-19
Date : 14-05-2018
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 : 11-04-2018
Date of Sample Receipt : 16-04-2018
Date of Test : 16-04-2018 to 14-05-2018
Sample Collected By : Parsa Ram Kudi
Point of Collection : Near Tinranga Pit


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	17.11	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	331.6	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	41.72	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.14	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	80.03	IS 5182 (Part 23)-2006 Reaffirmed 2012	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.


Puran Mal Yogi
Senior Analyst


Rajesh Maheshwar
Authorized Signatory
(Report No: A/392)



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TEST REPORT

Report No. : A/395
Job Identification. : A83/18-19
Date : 14-05-2018
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 : 11-04-2018
Date of Sample Receipt : 16-04-2018
Date of Test : 16-04-2018 to 14-05-2018
Sample Collected By : Parsa Ram Kudi
Point of Collection : Samodi village - Ratan lal ahir


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	270	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.04	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	204.87	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	19.37	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.43	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	66.38	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Purnan Mohi Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/395)



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

TEST REPORT


Report No. : A/393
Job Identification. : A81/18-19
Date : 14-05-2018
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 : 09-04-2018
Date of Sample Receipt : 16-04-2018
Date of Test : 16-04-2018 to 14-05-2018
Sample Collected By : Parsa Ram Kudi
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]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.83	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	304.39	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	33.42	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.55	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	78.68	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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

TEST REPORT

Report No. : A/394
Job Identification. : A82/18-19
Date : 14-05-2018
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 : 10-04-2018
Date of Sample Receipt : 16-04-2018
Date of Test : 16-04-2018 to 14-05-2018
Sample Collected By : Parsa Ram Kudi
Point of Collection : Suras Pit


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	17.95	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	353.57	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	37.04	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.3	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	83.41	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran MNI Yogi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Web Report No. teamtesthouse.com

TEST REPORT

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

Job Identification. : A/408
Date : A195/18-19
Issued To : 14-05-2018
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 : 25-04-2018
Date of Sample Receipt : 27-04-2018
Date of Test : 27-04-2018 to 14-05-2018
Sample Collected By : Parsa Ram Kudi
Point of Collection : Near Tiranga Pit [25*19.528" N 074*32.327"E]

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	380	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.99	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	286.3	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	40.6	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.33	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	72.16	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Moh Yogi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: A/408)



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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/411
Job Identification : A198
Date: 14/05/2018
Issued to: M/s. Jindal Saw Limited (dhedwas mines)
Dhedwas Iron Ore Copper & Associate Minerals mines
Araji No.9697/6711, Near Tirnga Hills, Village -Pur,
District Bhilwara 311802 (Rajasthan)
mines
Type of Unit: mines
Type of Monitoring: Ambient Air Quality Monitoring
Date of Sample Collection/ Monitoring: 25/04/2018
Date of Receipt: 27/04/2018
Date of Test: 27/04/2018 to 14/05/2018
Sample Collected By: Parsa Ram Kudi
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]	290	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m ³]	14.9	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m ³]	238	IS 5182 (Part 4) : 1999 Reaffirmed 2012	-
4.	Particulate Matter (PM2.5) [microgram/m ³]	26.07	CPCB Guidelines	60.00
5.	Sulphur Dioxide [microgram/m ³]	6.55	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6.	Particulate Matter (PM10) [microgram/m ³]	70.15	IS 5182 (Part 23) Reaffirmed 2012	100.00

Notes: -

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Puran Mal Vogi
Senior Analyst


Rajesh Mishra
Authorized Signatory
(Report No A/411)



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Lab.: G1-584, Sitapura Industrial Area
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Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/409
Job Identification. : A196/18-19
Date : 14-05-2018
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 : 24-04-2018
Date of Sample Receipt : 27-04-2018
Date of Test : 27-04-2018 to 14-05-2018
Sample Collected By : Parsa Ram Kudi
Point of Collection : Dhulkhera Pit [25°23'50.9"N 74°35'02.5"E]


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.49	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	229.01	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	31.07	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.07	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	82.95	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Senior Analyst Yogi


Authorized Signatory
(Report No: A/409)



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

TEST REPORT

Report No: A/410
Job Identification. : A197/18-19
Date : 14-05-2018
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 : 25-04-2018
Date of Sample Receipt : 27-04-2018
Date of Test : 27-04-2018 to 14-05-2018
Sample Collected By : Parsa Ram Kudi
Point of Collection : Suras 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]	17.78	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	261.88	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	41.9	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.32	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	86.47	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Maheshwari
Senior Analyst


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