



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/2249
Job Identification. :	ULR-TC502518400000591
Date :	27-11-2018
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 :	14-11-2018
Date of Sample Receipt :	21-11-2018
Date of Test :	21-11-2018 to 27-11-2018
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Near Tiranga Pit

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]	14.44	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	363.28	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	43.24	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.88	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	76.02	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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MALTI GARG
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/2249)



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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/2252
Job Identification. :	ULR-TC502518400000594
Date :	27-11-2018
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 :	15-11-2018
Date of Sample Receipt :	21-11-2018
Date of Test :	21-11-2018 to 27-11-2018
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/m3]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	19.6	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	212.92	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	31.9	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.85	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	67.27	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Mahl
MALTI GARG
Senior Analyst

Raj
Rajesh Maheshwari
Authorized Signatory
(Report No: A/2252)



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

TEST REPORT

Report No. :	A/2250
Job Identification. :	ULR-TC502518400000592
Date :	27-11-2018
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 :	14-11-2018
Date of Sample Receipt :	21-11-2018
Date of Test :	21-11-2018 to 27-11-2018
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/m ³]	490	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	14.25	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	277.36	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	29.94	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.28	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	79.73	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Senior Analyst

Raiesh Maheshwari
Authorized Signatory
(Report No: A/2250)



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

TEST REPORT

Report No. : A/2251
Job Identification : ULR-TC502518400000593
Date : 27-11-2018
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 : 15-11-2018
Date of Sample Receipt : 21-11-2018
Date of Test : 21-11-2018 to 27-11-2018
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]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.59	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	248.43	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.14	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.19	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	83.59	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Matti
MAITI GARG
Senior Analyst

Raj
Rajesh Maheshwari
Authorized Signatory
(Report No: A/2251)



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Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. :	A/2280
Job Identification. :	ULR-TC502518400000664
Date :	28-11-2018
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 :	23-11-2018
Date of Sample Receipt :	27-11-2018
Date of Test :	27-11-2018 to 28-11-2018
Sample Collected By :	Sitaram jangid
Point of Collection :	Near Tiranga Pit

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	13.51	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	226.93	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	36.16	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.09	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	71.32	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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MALTI GARG
(Signature)

Senior Analyst

(Signature)
Rajesh Maheshwari
Authorized Signatory
(Report No: A/2280)



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

TEST REPORT

Report No. :	A/2283
Job Identification. :	ULR-TC502518400000667
Date :	28-11-2018
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 :	23-11-2018
Date of Sample Receipt :	27-11-2018
Date of Test :	27-11-2018 to 28-11-2018
Sample Collected By :	Sitaram jangid
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]	340	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	18.68	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	300.7	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	39.36	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	4.28	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	72.17	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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MANISH GARG
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/2283)



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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/2281
Job Identification. :	ULR-TC502518400000665
Date :	28-11-2018
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 :	21-11-2018
Date of Sample Receipt :	27-11-2018
Date of Test :	27-11-2018 to 28-11-2018
Sample Collected By :	Sitaram jangid
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]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.1	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	228.15	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.03	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.88	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	77.87	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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MALTI GARG

Malti
MALTI GARG
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: A/2281)



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

TEST REPORT

Report No. :	A/2282
Job Identification. :	ULR-TC502518400000666
Date :	28-11-2018
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 :	22-11-2018
Date of Sample Receipt :	27-11-2018
Date of Test :	27-11-2018 to 28-11-2018
Sample Collected By :	Sitaram jangid
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]	270	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.36	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	276.2	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.96	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.74	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.34	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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MAL@math@RG

Senior Analyst

Rajesh
Rajesh Maheshwan
Authorized Signatory
(Report No: A/2282)