



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
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/1220

Date :

A856/18-19

08-08-2018

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 :

12-07-2018

Date of Sample Receipt :

19-07-2018

Date of Test :

19-07-2018 to 02-08-2018

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/m ³]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.02	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	177.14	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	23.51	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.9	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	68.48	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 Manoj

Senior Analyst

Rajesh Maneshwari
Authorized Signatory
(Report No: A/1220)



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TEST REPORT

Report No: A/1223
Job Identification : A860/18-19
Date: 08/08/2018
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)
Type of Unit mines
Type of Monitoring: Ambient Air Quality Monitoring
Date of Sample Collection/ Monitoring: 12/07/2018
Date of Receipt: 12/07/2018
Date of Test: 19/07/2018 to 02/08/2018
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]	190	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m ³]	12.6	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m ³]	174	IS 5182 (Part 4) : 1999 Reaffirmed 2012	-
4.	Particulate Matter (PM2.5) [microgram/m ³]	23.54	CPCB Guidelines	60.00
5..	Sulphur Dioxide [microgram/m ³]	6.45	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6.	Particulate Matter (PM10) [microgram/m ³]	60.23	IS 5182 (Part 23) Reaffirmed 2012	100.00

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Senior Analyst


Authorized Signatory
(Report No A/1223)



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TEST REPORT

Report No. : A/1222
Job Identification. : A858/18-19
Date : 08-08-2018
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 : 11-07-2018
Date of Sample Receipt : 19-07-2018
Date of Test : 19-07-2018 to 02-08-2018
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]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.88	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	148.39	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	23.89	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	4.39	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	68.28	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Malhotra
Senior Analyst


Raj
Authorized Signatory
(Report No: A/1222)



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TEST REPORT

Report No. : A/1221
Job Identification. : A857/18-19
Date : 08-08-2018
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 : 10-07-2018
Date of Sample Receipt : 19-07-2018
Date of Test : 19-07-2018 to 02-08-2018
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]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.99	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	185.91	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	26.22	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.11	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.82	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puram
Puram
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: A/1221)



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TEST REPORT

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Ph.: 94602-22039, 94602-22049
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Job Identification. : A/1235
Date : A975/18-19
Issued To : 09-08-2018
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 : 28-07-2018
Date of Sample Receipt : 01-08-2018
Date of Test : 01-08-2018 to 09-08-2018
Sample Collected By : Parsa Ram Kudi
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]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.57	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	298.07	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	34.74	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.41	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	85.71	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi
Senior Analyst


Rajesh Maneshwan
Authorized Signatory
(Report No: A/1235)



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E-mail : director@teamtesthouse.com

TEST REPORT

Report No: A/1238
Job Identification : A978/18-19
Date: 09/08/2018
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)
Type of Unit mines
Type of Monitoring: Ambient Air Quality Monitoring
Date of Sample Collection/ Monitoring: 30/07/2018
Date of Receipt: 01/08/2018
Date of Test: 01/08/2018 to 09/08/2018
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]	220	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m ³]	14.4	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m ³]	194	IS 5182 (Part 4) : 1999 Reaffirmed 2012	-
4.	Particulate Matter (PM2.5) [microgram/m ³]	27.83	CPCB Guidelines	60.00
5..	Sulphur Dioxide [microgram/m ³]	6.60	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6.	Particulate Matter (PM10) [microgram/m ³]	68.7	IS 5182 (Part 23) Reaffirmed 2012	100.00

Notes: -

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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No A/1238)



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Job Identification. :

A/1236

Date :

A976/18-19

09-08-2018

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 :

29-07-2018

Date of Sample Receipt :

01-08-2018

Date of Test :

01-08-2018 to 09-08-2018

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]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.05	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	253.42	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	33.37	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.44	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	78.4	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/1236)



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Job Identification. : A/1237
Date : A977/18-19
Issued To : 09-08-2018
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 : 30-07-2018
Date of Sample Receipt : 01-08-2018
Date of Test : 01-08-2018 to 09-08-2018
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]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.81	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	273.55	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	35.22	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.22	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	68.04	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Senior Analyst


Authorized Signatory
(Report No: A/1237)