



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, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : 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/657
Job Identification : A340/18-19
Date : 07-06-2018
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 : 14-05-2018
Date of Sample Receipt : 18-05-2018
Date of Test : 18-05-2018 to 07-06-2018
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]	410	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	18.19	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	300.53	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	35.67	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.45	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	81.78	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Puran Mehta
Senior Analyst


Rajesh Mishra
Authorized Signatory
(Report No: A/657)



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/660
Job Identification : A343/17-18
Date: 07/06/2018
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: 14/05/2018
Date of Receipt: 18/05/2018
Date of Test: 18/05/2018 to 07/06/2018
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]	240	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m ³]	14.15	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m ³]	243	IS 5182 (Part 4) : 1999 Reaffirmed 2012	-
4.	Particulate Matter (PM2.5) [microgram/m ³]	28.3	CPCB Guidelines	60.00
5.	Sulphur Dioxide [microgram/m ³]	7.40	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6.	Particulate Matter (PM10) [microgram/m ³]	73.6	IS 5182 (Part 23) Reaffirmed 2012	100.00

Notes: -

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Senior Analyst


Authorized Signatory
(Report No A/660)



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/658
Job Identification.: A341/18-19
Date: 07-06-2018
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: 12-05-2018
Date of Sample Receipt: 18-05-2018
Date of Test: 18-05-2018 to 07-06-2018
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]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	18.71	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	385.03	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	33.01	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.69	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	79.97	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Puran Moh Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/658)



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, Chitranganj 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/659

Job Identification. : A342/18-19

Date : 07-06-2018

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 : 13-05-2018

Date of Sample Receipt : 18-05-2018

Date of Test : 18-05-2018 to 07-06-2018

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]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	19.28	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	259.91	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.94	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.71	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	78.29	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Parsa Ram Kudi
Senior Analyst

Rajendra Kumar
Authorized Signatory
(Report No: A/659)



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, Chitranganj 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/690
Job Identification : A469/18-19
Date : 11-06-2018
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 : 28-05-2018
Date of Sample Receipt : 01-06-2018
Date of Test : 01-06-2018 to 11-06-2018
Sample Collected By : Satyendra Kumar Sharma
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]	300	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	19.59	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	407.25	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	37.71	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.27	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	83.92	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Purnima Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/690)



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/672
Job Identification : A693/17-18
Date: 07/06/2018
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: Ambient Air Quality Monitoring
Type of Monitoring: 27/05/2018
Date of Sample Collection/ Monitoring: 01/06/2018
Date of Receipt: 01/06/2018 to 11/06/2018
Date of Test: Satyendra Kumar Sharma
Sample Collected By: Samodi Village
Point of Collection: RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [$\mu\text{g}/\text{m}^3$]	270	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [$\mu\text{g}/\text{m}^3$]	15.28	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3.	Suspended Particulate Matter (SPM) [$\mu\text{g}/\text{m}^3$]	261	IS 5182 (Part 4) : 1999 Reaffirmed 2012	-
4.	Particulate Matter (PM _{2.5}) [$\mu\text{g}/\text{m}^3$]	30.42	CPCB Guidelines	60.00
5.	Sulphur Dioxide [$\mu\text{g}/\text{m}^3$]	7.87	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6.	Particulate Matter (PM ₁₀) [$\mu\text{g}/\text{m}^3$]	77.38	IS 5182 (Part 23) Reaffirmed 2012	100.00

Notes: -

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Purnan Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No A/672)



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/691
Job Identification. : A470/18-19
Date : 11-06-2018
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araji 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 : 28-05-2018
Date of Sample Receipt : 01-06-2018
Date of Test : 01-06-2018 to 11-06-2018
Sample Collected By : Satyendra Kumar Sharma
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]	370	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	20.13	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	321.42	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	45.24	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.56	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	80.21	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Senior Analyst Yogi


Authorized Signatory
(Report No: A/691)



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/692
Job Identification. : A471/18-19
Date : 11-06-2018
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araji 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 : 28-05-2018
Date of Sample Receipt : 01-06-2018
Date of Test : 01-06-2018 to 11-06-2018
Sample Collected By : Satyendra Kumar Sharma
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]	410	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	18.06	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	327.99	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	43.8	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.16	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	81.38	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # 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 Chhabra
Authorized Signatory
(Report No: A/692)