



# 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

RSPCB

ISO 9001:2015,

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ISO 45001:2018 (OH&S)

JDA/UDI

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Phone : +91 6377210064, 9414077379,  
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Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC50252340000078	Date :	03-02-2023
Issued To :	Dhedwas Iron Ore Mines & BFN Plant (ML No.-631/05) M/S Jindal Saw Limited., Araj No. 9697/6711, Near Tiranga Hills ,Village : Pur ,Tehsil & District-Bhilwara (Raj.) (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	13-01-2023 16:50 to 12-01-2023 16:50
Point of Collection :	Near Tiranga Pit	Date of Receipt :	19-01-2023
Date of Test/Analysis :	19-01-2023 to 03-02-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Vimal Kumar Yadav
Unit's representative :	Mr Shitanshu Pandey	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.89	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	151.38	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	35.12	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.18	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	77.24	IS 5182 (Part 23)-2006 RA 2017	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.

  
Senior Analyst  
**Sunil Kumar**

  
Authorized Signatory  
**Rakesh Maheshwari**  
(Report No: TC50252340000078 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502523400000081	Date :	03-02-2023
Issued To :	Dhedwas Iron Ore Mines & BFN Plant (ML No.-631/05) M/S Jindal Saw Limited,, Araj No. 9697/6711, Near Tiranga Hills ,Village : Pur ,Tehsil & District-Bhilwara (Raj.) (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	13-01-2023 16:52 to 12-01-2023 16:52
Point of Collection :	Samodi Village (74°32'57" N 25°20'53"E]	Date of Receipt :	19-01-2023
Date of Test/Analysis :	19-01-2023 to 03-02-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Vimal Kumar Yadav
Unit's representative :	Mr Shitanshu Pandey	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.32	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	139.75	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	31.87	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.86	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.63	IS 5182 (Part 23)-2006 RA 2017	100.00

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Senior Analyst  
**Sunil Kumar**

  
Authorized Signatory  
**Rajesh Maheshwar**  
(Report No: TC502523400000081 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC50252340000079	Date :	03-02-2023
Issued To :	Dhedwas Iron Ore Mines & BFN Plant (ML No.- 631/05) M/S Jindal Saw Limited., Arajai No. 9697/6711, Near Tiranga Hills ,Village : Pur ,Tehsil & District-Bhilwara (Raj.) (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	13-01-2023 16:51 to 12-01-2023 16:51
Point of Collection :	Dhulkhera Pit [74*34'26"N 25*23'32"E]	Date of Receipt :	19-01-2023
Date of Test/Analysis :	19-01-2023 to 03-02-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Vimal Kumar Yadav
Unit's representative :	Mr Shitanshu Pandey	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	420	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.71	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	138.92	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	33.08	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.01	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	79.19	IS 5182 (Part 23)-2006 RA 2017	100.00

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Senior Analyst  
**Sunil Kumar**

Authorized Signatory  
**Rajesh Maheshwari**  
(Report No: TC50252340000079 )



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## TEST REPORT

Report No./ULR No. :	TC502523400000200	Date :	03-02-2023
Issued To :	Dhedwas Iron Ore Mines & BFN Plant (ML No.-631/05) M/S Jindal Saw Limited,, Araji No. 9697/6711, Near Tiranga Hills ,Village : Pur ,Tehsil & District-Bhilwara (Raj.) (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	25-01-2023 15:41 to 26-01-2023 15:41
Point of Collection :	Near Tiranga Pit (74*32'18"N 25*19'32"E)	Date of Receipt :	01-02-2023
Date of Test/Analysis :	01-02-2023 to 03-02-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Shitanshu Pandey	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.8	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	149.11	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	34.63	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	3.8	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	63.38	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Senior Analyst  
**Sunil Kumar**

  
Authorized Signatory  
(Report No: TC502523400000200 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502523400000201	Date :	03-02-2023
Issued To :	Dhedwas Iron Ore Mines & BFN Plant (ML No.-631/05) M/S Jindal Saw Limited,, Araji No. 9697/6711, Near Tiranga Hills ,Village : Pur ,Tehsil & District-Bhilwara (Raj.) (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	24-01-2023 15:41 to 25-01-2023 15:41
Point of Collection :	Dhulkhera Pit [74°34'26"N 25°23'32"E]	Date of Receipt :	01-02-2023
Date of Test/Analysis :	01-02-2023 to 03-02-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Shitanshu Pandey	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.99	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	158.43	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	37.03	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	3.12	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.35	IS 5182 (Part 23)-2006 RA 2017	100.00

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Senior Analyst

Authorized Signatory  
(Report No: TC502523400000201 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502523400000203	Date :	03-02-2023
Issued To :	Dhedwas Iron Ore Mines & BFN Plant (ML No.- 631/05) M/S Jindal Saw Limited., Araji No. 9697/6711, Near Tiranga Hills ,Village : Pur ,Tehsil & District-Bhilwara (Raj.) (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	25-01-2023 15:43 to 26-01-2023 15:43
Point of Collection :	Samodi Village (74*32'57" N 25*20'53"E]	Date of Receipt :	01-02-2023
Date of Test/Analysis :	01-02-2023 to 03-02-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Shitanshu Pandey	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	250	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.72	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	163.53	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.41	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	2.7	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	55.24	IS 5182 (Part 23)-2006 RA 2017	100.00

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Senior Analyst  
**Sunil Kumar**

Authorized Signatory  
(Report No: TC502523400000203 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502523400000202	Date :	03-02-2023
Issued To :	Dhedwas Iron Ore Mines & BFN Plant (ML No.- 631/05) M/S Jindal Saw Limited,, Araj No. 9697/6711, Near Tiranga Hills ,Village : Pur ,Tehsil & District-Bhilwara (Raj.) (Rajasthan),	Type of Unit :	Mines
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	24-01-2023 15:42 to 25-01-2023 15:42
Point of Collection :	Suras Pit (74*34'10"N,25*23'25"E)	Date of Receipt :	01-02-2023
Date of Test/Analysis :	01-02-2023 to 03-02-2023	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Mr Shitanshu Pandey	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	280	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.09	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	195.16	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.99	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	2.78	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	76.59	IS 5182 (Part 23)-2006 RA 2017	100.00

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Senior Analyst  
**Sunil Kumar**

  
Authorized Signatory  
(Report No: TC502523400000202 )