



# 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,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDI

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Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502523400000084	Date :	03-02-2023
Issued To :	M/S Jindal Saw Limited (Pellet Plant) Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur Tehsil Bhilwara, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Pellet unit
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	14-01-2023 17:30 to 13-01-2023 17:29
Point of Collection :	Near Staff Canteen front off CCR Building (74°32'30"N,25°19'0"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]	410	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.13	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	150.68	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.01	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.26	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	68.41	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Senior Analyst

  
Authorized Signatory  
(Report No: TC502523400000084 )



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Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502523400000082	Date :	03-02-2023
Issued To :	M/S Jindal Saw Limited (Pellet Plant) Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur Tehsil Bhilwara, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Pellet unit
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	14-01-2023 17:28 to 13-01-2023 17:28
Point of Collection :	Tiranga House [25°18'975 N 074°32'306 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]	12.83	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	152.05	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	34.89	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.24	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.23	IS 5182 (Part 23)-2006 RA 2017	100.00

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## TEST REPORT

Report No./ULR No. :	TC502523400000083	Date :	03-02-2023
Issued To :	M/S Jindal Saw Limited (Pellet Plant) Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur Tehsil Bhilwara, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Pellet unit
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	14-01-2023 17:28 to 13-01-2023 17:28
Point of Collection :	Switch Yard Station [25°19'27" N 74°32'36" 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]	390	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.83	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	156.11	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	26.88	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	4.97	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	71.15	IS 5182 (Part 23)-2006 RA 2017	100.00

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## TEST REPORT

Report No./ULR No. :	TC50252340000085	Date :	03-02-2023
Issued To :	M/S Jindal Saw Limited (Pellet Plant) Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur Tehsil Bhilwara, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Pellet unit
Type of sample / Discipline :	Ambient Air Quality Monitoring / Chemical	Date of Sample Collection/Monitoring :	14-01-2023 17:30 to 13-01-2023 17:30
Point of Collection :	BFN Plant B [74°32'21"N,25°19'10"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]	400	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.95	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	141.31	IS 5182 (Part 4) : 1999 RA 2019	-
4	Particulate Matter (PM2.5) [microgram/m3]	31.98	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.33	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.33	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

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Senior Analyst



Authorized Signatory

(Report No: TC50252340000085 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC50252350000034	Date :	31-01-2023
Issued To :	M/S Jindal Saw Limited (Pellet Plant) Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur Tehsil Bhilwara, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Pellet unit
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	15-01-2023
Point of Collection :	Rotary Klin Stack (Dia-8.29 m)	Date of Receipt :	19-01-2023
Date of Test/Analysis :	19-01-2023 to 31-01-2023	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
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
1	Particulate matter [mg/Nm <sup>3</sup> ]	41.39	IS 11255 (Part 1):1985 Reaffirmed 2014
2	Stack Gas Velocity [m/sec]	5.47	IS 11255 (Part 3):1985 Reaffirmed 2014

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Senior Analyst

Authorized Signatory

(Report No: TC50252350000034 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC50252250000035	Date :	31-1-2023
Issued To :	M/S Jindal Saw Limited (Pellet Plant) Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur Tehsil Bhilwara, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Pellet unit
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	15-01-2023
Point of Collection :	Coal Mill Stack	Date of Receipt :	19-01-2023
Date of Test/Analysis :	19-01-2023 to 31-01-2023	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
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
1	Particulate matter [mg/Nm <sup>3</sup> ]	32.7	IS 11255 (Part 1):1985 Reaffirmed 2014
2	Stack Gas Velocity [m/sec]	40.54	IS 11255 (Part 3):1985 Reaffirmed 2014

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Senior Analyst  
Purni Mal Yogi

Authorized Signatory  
Rajat Mishra

(Report No: TC50252250000035 )