



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/UDH

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Email : director@teamtesthouse.com,
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TEST REPORT

Report No./ULR No. :	TC502523400001347	Date :	24-05-2023
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 :	07-05-2023 10:57 to 08-05-2023 10:57
Point of Collection :	Near Staff Canteen [25*19'00" N 74*32'30" E]	Date of Receipt :	12-05-2023
Date of Test/Analysis :	12-05-2023 to 23-05-2023	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]	360	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.98	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	154.64	IS 5182 (Part 4) : 1999 RA 2019	Not Specified
4	Particulate Matter (PM2.5) [microgram/m3]	40.05	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	4.45	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.9	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.

Puran Mar Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502523400001347)



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TEST REPORT

Report No./ULR No. :	TC502523400001348	Date :	24-05-2023
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 :	07-05-2023 11:00 to 08-05-2023 11:00
Point of Collection :	Tiranga House [25°18'975 N 074°32'306 E]	Date of Receipt :	12-05-2023
Date of Test/Analysis :	12-05-2023 to 23-05-2023	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]	14.78	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	133.51	IS 5182 (Part 4) : 1999 RA 2019	Not Specified
4	Particulate Matter (PM2.5) [microgram/m3]	38.62	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.76	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	72.02	IS 5182 (Part 23)-2006 RA 2017	100.00

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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory

(Report No: TC502523400001348)



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TEST REPORT

Report No./ULR No. :	TC502523400001350	Date :	24-05-2023
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 :	07-05-2023 11:12 to 08-05-2023 11:12
Point of Collection :	Switchyard Station (74°32'36"N,25°19'27"E)	Date of Receipt :	12-05-2023
Date of Test/Analysis :	12-05-2023 to 23-05-2023	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]	14.93	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	140.99	IS 5182 (Part 4) : 1999 RA 2019	Not Specified
4	Particulate Matter (PM2.5) [microgram/m3]	37.46	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	6.95	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	71.67	IS 5182 (Part 23)-2006 RA 2017	100.00

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Puran Mal
Senior Analyst


Rajesh Maheshwari
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TEST REPORT

Report No./ULR No. :	TC502523400001349	Date :	24-05-2023
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 :	07-05-2023 11:10 to 08-05-2023 11:10
Point of Collection :	Mineral Beneficiation Plant	Date of Receipt :	12-05-2023
Date of Test/Analysis :	12-05-2023 to 23-05-2023	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]	350	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.61	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	145.13	IS 5182 (Part 4) : 1999 RA 2019	Not Specified
4	Particulate Matter (PM2.5) [microgram/m3]	34.78	IS 5182 (Part 24) : 2019	60.00
5	Sulphur Dioxide [microgram/m3]	5.13	IS 5182 (Part 2) : 2001 RA 2017	80.00
6	Particulate Matter (PM 10) [microgram/m3]	82.17	IS 5182 (Part 23)-2006 RA 2017	100.00

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Puran Maj Yogi
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TEST REPORT

Report No./ULR No. :	TC50252350000578	Date :	24-05-2023
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 :	Stack Emission Level / Chemical	Date of Sample Collection/Monitoring :	10-05-2023
Point of Collection :	Rotry Kiln [74°32'24"N 25°19'6"E]	Date of Receipt :	12-05-2023
Date of Test/Analysis :	12-05-2023 to 23-05-2023	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 ³]	38.78	IS 11255 (Part 1):1985 Reaffirmed 2014
2	Stack Gas Velocity [m/sec]	5.26	CPCB Guidelines

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M. Yogi
Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
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TEST REPORT


Report No./ULR No. :	TC502523500000579	Date :	24-05-2023
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 :	Stack Emission Level / Chemical	Date of Sample Collection/Monitoring :	10-05-2023
Point of Collection :	Coal Mill Stack [74*32*28"N 25*19'8"E]	Date of Receipt :	12-05-2023
Date of Test/Analysis :	12-05-2023 to 23-05-2023	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 ³]	45.38	IS 11255 (Part 1):1985 Reaffirmed 2014
2	Stack Gas Velocity [m/sec]	20.36	CPCB Guidelines

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Manoj Yogi
Senior Analyst


Rajesh Maheshwari
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(Report No: TC502523500000579)



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TEST REPORT

Report No./ULR No. :	TC502523500000498	Date :	20-04-2023
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 :	Stack Emission Level / Chemical	Date of Sample Collection/Monitoring :	05-04-2023
Point of Collection :	Rotry Kiln [74*32'24"N 25*19'6"E]	Date of Receipt :	10-04-2023
Date of Test/Analysis :	10-04-2023 to 20-04-2023	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 ³]	30.15	IS 11255 (Part 1):1985 Reaffirmed 2014
2	Stack Gas Velocity [m/sec]	7.39	CPCB Guidelines

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Purni Mal Yogi
Senior Analyst


Rajesh Maheshwar
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(Report No: TC502523500000498)



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TEST REPORT

Report No./ULR No. :	TC502523500000499	Date :	20-04-2023
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 :	Stack Emission Level / Chemical	Date of Sample Collection/Monitoring :	05-04-2023
Point of Collection :	Coal Mill Stack [74°32'28"N 25°19' 8"E]	Date of Receipt :	10-04-2023
Date of Test/Analysis :	10-04-2023 to 20-04-2023	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 ³]	46.71	IS 11255 (Part 1):1985 Reaffirmed 2014
2	Stack Gas Velocity [m/sec]	23.38	CPCB Guidelines

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Senior Analyst


Kalesh Maheshwan
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