



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

OHSAS 18001:2007

JDA/UDH

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TEST REPORT

Report No./ULR No. :	TC502520400001770P	Date :	22-09-2020
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 :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection :	Nr Staff Canteen Area [74°32'30"N 25°18'60"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	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	Ammonia [microgram/m3]	BDL(<10.0)	CPCB Guidelines	400.00
2	Benzene [microgram/m3]	BDL(<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
3	Carbon Monoxide [microgram/m3]	350	IS 5182 (Part 10) : 1999 RA 2019	4000
4	Lead [microgram/m3]	0.22	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
5	Nitrogen Dioxide as NO ₂ [microgram/m3]	15.05	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
6	Ozone [microgram/m3]	BDL(<20.0)	APHA 1977,Part 819	100.00

Note:

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Rajesh
Rajesh Maheshwar



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

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
7	Suspended Particulate Matter (SPM) [microgram/m3]	210.99	IS 5182 (Part 4) : 1999 RA 2019	500
8	Particulate Matter (PM2.5) [microgram/m3]	32.76	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m3]	4.73	IS 5182 (Part 2) : 2001 RA 2017	80.00
10	Particulate Matter (PM 10) [microgram/m3]	74.72	IS 5182 (Part 23)-2006 RA 2017	100.00
11	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00
12	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
13	Nickel [ng/m3]	5.1	IS 5182 (Part 22) : 2004 Reaffirmed 2019	20.00

Notes :-

- # Parameter No. 1,3,4,5,6,7,8,9,10,12,13 covered under NABL scope and Parameter No. 2,11 does not cover under NABL scope.
- # Parameter No. NONE outsourced for testing.
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Purja Mal Yogi

Senior Analyst

Raj Maheshwar
Authorized Signatory

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TEST REPORT

Report No./ULR No. :	TC502520400001768P	Date :	22-09-2020
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 :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection :	Tiranga House [74°32'18"N 25°18'57"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	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	Ammonia [microgram/m3]	BDL(<10.0)	CPCB Guidelines	400.00
2	Carbon Monoxide [microgram/m3]	360	IS 5182 (Part 10) : 1999 RA 2019	4000
3	Lead [microgram/m3]	0.06	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	12.32	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL(<20)	APHA 1977, Part 819	100.00
6	Suspended Particulate Matter (SPM) [microgram/m3]	215.1	IS 5182 (Part 4) : 1999 RA 2019	500

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
7	Particulate Matter (PM2.5) [microgram/m3]	32.38	CPCB Guidelines	60.00
8	Sulphur Dioxide [microgram/m3]	7.73	IS 5182 (Part 2) : 2001 RA 2017	80.00
9	Particulate Matter (PM 10) [microgram/m3]	61.24	IS 5182 (Part 23)-2006 RA 2017	100.00
10	Benzene [microgram/m3]	BDL(<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
11	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00
12	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
13	Nickel [ng/m3]	2.3	IS 5182 (Part 22) : 2004 Reaffirmed 2019	20.00

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Pooja Yoni

Senior Analyst

Rajesh Maheshwar

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TEST REPORT

Report No./ULR No. :	TC502520400001769P	Date :	22-09-2020
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 :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	09-09-2020
Point of Collection :	Switch yard Station [74°32'36"N 25°19'27"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	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	Ammonia [microgram/m3]	BDL(<10.0)	CPCB Guidelines	400.00
2	Benzene [microgram/m3]	BDL(<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
3	Carbon Monoxide [microgram/m3]	370	IS 5182 (Part 10) : 1999 RA 2019	4000
4	Lead [microgram/m3]	0.2	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
5	Nitrogen Dioxide as NO2 [microgram/m3]	12.83	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
6	Ozone [microgram/m3]	BDL(<20)	APHA 1977,Part 819	100.00

Note:

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
7	Suspended Particulate Matter (SPM) [microgram/m ³]	186.82	IS 5182 (Part 4) : 1999 RA 2019	-
8	Particulate Matter (PM _{2.5}) [microgram/m ³]	28.46	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m ³]	6.73	IS 5182 (Part 2) : 2001 RA 2017	80.00
10	Particulate Matter (PM ₁₀) [microgram/m ³]	68.81	IS 5182 (Part 23)-2006 RA 2017	100.00
11	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00
12	Arsenic [ng/m ³]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
13	Nickel [ng/m ³]	6	IS 5182 (Part 22) : 2004 Reaffirmed 2019	20.00

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Purba Mal Yogi

Senior Analyst

Rajesh Maneshwar

Authorized Signatory

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TEST REPORT

Report No./ULR No. :	TC502520400001771P	Date :	22-09-2020
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 :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection :	Near BFN Plant B [74°32'21"N 25°19'10"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	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	Ammonia [microgram/m3]	BDL(<10.0)	CPCB Guidelines	400.00
2	Carbon Monoxide [microgram/m3]	330	IS 5182 (Part 10) : 1999 RA 2019	4000
3	Lead [microgram/m3]	0.14	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	15.22	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL(<20)	APHA 1977, Part 819	100.00
6	Suspended Particulate Matter (SPM) [microgram/m3]	189.67	IS 5182 (Part 4) : 1999 RA 2019	-

Note:

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
7	Particulate Matter (PM _{2.5}) [microgram/m ³]	32.08	CPCB Guidelines	60.00
8	Sulphur Dioxide [microgram/m ³]	5.7	IS 5182 (Part 2) : 2001 RA 2017	80.00
9	Particulate Matter (PM ₁₀) [microgram/m ³]	69.8	IS 5182 (Part 23)-2006 RA 2017	100.00
10	Benzene [microgram/m ³]	BDL(<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
11	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00
12	Arsenic [ng/m ³]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
13	Nickel [ng/m ³]	2	IS 5182 (Part 22) : 2004 Reaffirmed 2019	20.00

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Pulkit Yogti

Senior Analyst

Rajesh Maheshwari

Authorized Signatory

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TEST REPORT

Report No./ULR No. :	TC502520100001008P	Date :	25-09-2020
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
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Borewell Near <i>Ballinghouse</i>	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 25-09-2020	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7) : 2017 & (Part8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.11	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	560	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
7	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
8	Chloride [mg/l]	329.9	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Total Dissolved Solids [mg/l]	1808	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
10	Calcium [mg/l]	140	IS 3025 (Part 40) : 1991 RA 2019	75.00	200.00
11	Magnesium [mg/l]	51.03	IS 3025 (Part 46) : 1994 RA 2019	30.00	100.00
12	Copper [mg/l]	BDL (<0.01)	IS 3025 (Part 42) : 1992 RA 2019	0.05	1.50
13	Manganese [mg/l]	BDL (<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	266.25	IS 3025 (Part 24) : 1986 RA 2019	200.00	400.00
15	Nitrate [mg/l]	35.8	IS 3025 (Part 34) : 1988 RA 2019	45.00	-
16	Fluoride [mg/l]	1.22	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2019	0.003	-
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988 RA 2019	0.01	-
9	Lead [mg/l]	0.01	IS 3025 (Part 47) : 1994 RA 2019	0.01	-
20	Zinc [mg/l]	0.14	IS 3025 (Part 49) : 1994 RA 2019	5.00	15.00
21	Alkalinity - T [mg/l]	280	IS 3025 (Part 23) : 1986 RA 2019	200.00	600.00
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003 RA 2019	0.03	0.2
23	Boron [mg/l]	BDL(<0.2)	IS 13428 (Annexure H)	0.5	1.0
24	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2019	0.2	1.0
25	Total Chromium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.05	-
26	Mercury [mg/l]	BDL (<0.001)	IS 3025 (Part 48) : 1994 RA 2019	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL (<0.0001)	APHA 2017 : 6440 B	0.0001	-
28	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2019	0.5	-

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
29	Cyanide [mg/l]	BDL (<0.01)	IS 3025 (Part 27) : 1986 RA 2019	0.05	-
30	Calcium Hardness [mg/l]	350	IS 3025 (Part 40) : 1991 RA 2019	-	-
31	Pesticides [mg/l]	Not detected	APHA : 2017	-	-
32	Anionic Surface Detergents as MBA's [mg/l]	BDL (<0.1)	IS 13428 (Annexure K)	0.20	1.00
33	Phenolic Compound [mg/l]	BDL (<0.001)	IS 3025 (Part 43) : 1992 RA 2019	0.001	-
34	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012 RA 2018	Shall not be detectable in 100ml Sample	-
35	E. Coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2018	Shall not be detectable in 100ml Sample	-
36	Selenium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.01	-
37	Selenium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.01	-

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,32,33,34,35,36,37 covered under NABL scope and Parameter No. 27,31 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Majhi
Senior Analyst

Rajesh Maheshwan
Authorized Signatory
(Report No: TC502520100001008P)



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Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502520100001007P	Date :	25-09-2020
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 :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Borewell Near Coal Storage Yard	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 25-09-2020	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7) : 2017 & (Part8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.19	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	570	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
7	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
8	Chloride [mg/l]	369.89	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00

Note:

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

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Total Dissolved Solids [mg/l]	1700	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
10	Calcium [mg/l]	148	IS 3025 (Part 40) : 1991 RA 2019	75.00	200.00
11	Magnesium [mg/l]	48.6	IS 3025 (Part 46) : 1994 RA 2019	30.00	100.00
12	Copper [mg/l]	BDL (<0.01)	IS 3025 (Part 42) : 1992 RA 2019	0.05	1.50
13	Manganese [mg/l]	0.02	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	249.38	IS 3025 (Part 24) : 1986 RA 2019	200.00	400.00
15	Nitrate [mg/l]	33.6	IS 3025 (Part 34) : 1988 RA 2019	45.00	-
16	Fluoride [mg/l]	1.27	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
17	Cadmium [mg/l]	0.005	IS 3025 (Part 41) : 1992 RA 2019	0.003	-
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988 RA 2019	0.01	0.05
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994 RA 2019	0.01	-
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994 RA 2019	5.00	15.00
21	Alkalinity - T [mg/l]	300	IS 3025 (Part 23) : 1986 RA 2019	200.00	600.00
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003 RA 2019	0.03	0.2
23	Boron [mg/l]	BDL(<0.2)	IS 13428 (Annexure H)	0.5	1.0
24	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2019	0.2	1.0
25	Total Chromium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.05	-
26	Mercury [mg/l]	BDL (<0.001)	IS 3025 (Part 48) : 1994 RA 2019	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL (<0.0001)	APHA 2017 : 6440 B	0.0001	-
28	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2019	0.5	-

Note:

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Phone : +91 9460222039, 9460222049,
Email : director@teamtesthouse.com,
Email : marketinglab@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
29	Cyanide [mg/l]	BDL (<0.01)	IS 3025 (Part 27) : 1986 RA 2019	0.05	-
30	Calcium Hardness [mg/l]	370	IS 3025 (Part 40) : 1991 RA 2019	-	-
31	Pesticides [mg/l]	Not detected	APHA : 2017	-	-
32	Anionic Surface Detergents as MBA's [mg/l]	BDL (<0.1)	IS 13428 (Annexure K)	0.20	1.00
33	Anionic Surface Detergents as MBA's [mg/l]	BDL (<0.1)	IS 13428 (Annexure K)	0.20	1.00
34	Nickel [mg/l]	BDL (<0.01)	IS 3025 (Part 54) : 2003 RA 2019	0.02	-
35	Phenolic Compound [mg/l]	BDL (<0.001)	IS 3025 (Part 43) : 1992 RA 2019	0.001	-
36	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012 RA 2018	Shall not be detectable in 100ml Sample	-
37	E. Coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2018	Shall not be detectable in 100ml Sample	-
38	Selenium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.01	-

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,32,33,34,35,36,37,38 covered under NABL scope and Parameter No. 27,31 does not cover under NABL scope
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Senior Analyst

Authorized Signatory

(Report No: TC502520100001007P)



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

TEST REPORT

Report No./ULR No. :	TC502520100001006P	Date :	25-09-2020
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 :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Pur Pond [74°32'21"N 25°17'60"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 25-09-2020	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7) : 2017 & (Part8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	6.80	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	170	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
7	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
8	Chloride [mg/l]	119.96	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00

Note:

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Total Dissolved Solids [mg/l]	540	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
10	Calcium [mg/l]	60	IS 3025 (Part 40) : 1991 RA 2019	75.00	200.00
11	Magnesium [mg/l]	4.86	IS 3025 (Part 46) : 1994 RA 2019	30.00	100.00
12	Copper [mg/l]	BDL (<0.01)	IS 3025 (Part 42) : 1992 RA 2019	0.05	1.50
13	Manganese [mg/l]	BDL (<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	85	IS 3025 (Part 24) : 1986 RA 2019	200.00	400.00
15	Nitrate [mg/l]	28.6	IS 3025 (Part 34) : 1988 RA 2019	45.00	-
16	Fluoride [mg/l]	0.38	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992 RA 2019	0.003	-
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988 RA 2019	0.01	0.05
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994 RA 2019	0.01	-
20	Zinc [mg/l]	0.14	IS 3025 (Part 49) : 1994 RA 2019	5.00	15.00
21	Alkalinity - T [mg/l]	100	IS 3025 (Part 23) : 1986 RA 2019	200.00	600.00
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003 RA 2019	0.03	0.2
23	Boron [mg/l]	BDL(<0.2)	IS 13428 (Annexure H)	0.5	1.0
24	Suspended Solids [mg/l]	5	IS 3025 (Part 17) : 1984 RA 2017	-	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2019	0.2	1.0
26	Total Chromium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.05	-
27	Total Chromium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.05	-
28	Mercury [mg/l]	BDL (<0.001)	IS 3025 (Part 48) : 1994 RA 2019	0.001	-



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

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
29	Polynuclear aromatic Hydrocarbon [mg/l]	BDL (<0.0001)	APHA 2017 : 6440 B	0.0001	-
30	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2019	0.5	-
31	Cyanide [mg/l]	BDL (<0.01)	IS 3025 (Part 27) : 1986 RA 2019	0.05	-
32	Calcium Hardness [mg/l]	150	IS 3025 (Part 40) : 1991 RA 2019	-	-
33	Pesticides [mg/l]	Not detected	APHA : 2017	-	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL (<0.1)	IS 13428 (Annexure K)	0.20	1.00
35	Phenolic Compound [mg/l]	BDL (<0.001)	IS 3025 (Part 43) : 1992 RA 2019	0.001	-
36	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012 RA 2018	Shall not be detectable in 100ml Sample	-
37	E. Coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2018	Shall not be detectable in 100ml Sample	-
38	Selenium [mg/l]	BDL (<0.01)	APHA :2017 :3111- B	0.01	-

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,30,31,32,34,35,36,37,38 covered under NABL scope and Parameter No. 29,33 does not cover under NABL scope
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Senior Analyst

Authorized Signatory
(Report No: TC502520100001006P)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502520500000971F	Date :	22-09-2020
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 :	14-09-2020
Point of Collection :	Rotary Kiln	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm ³]	34.71	IS 11255 (Part 1):1985 Reaffirmed 2014

Notes :-

- # Parameter No. 1,2,3,4 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Pujan Mat Yogi

Senior Analyst

Rajesh Kumar

Authorized Signatory

(Report No: TC502520500000971F)



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Email : marketinglab@teamtesthouse.com

TEST REPORT


Report No./ULR No. :	TC502520500000972F	Date :	22-09-2020
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 :	Mines
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection :	Coal Mill Stack	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm ³]	27.84	IS 11255 (Part 1):1985 Reaffirmed 2014

Notes :-

- # Parameter No. 1,2,3,4 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Pulkit Yogi
Senior Analyst


Rajesh Maheshwar
Authorized Signatory
(Report No: TC502520500000972F)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No.:	500000973	Date :	22-09-2020
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 :	DG Stack Emission Level	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection	DG Set 750 KVA [74°32'28" 25°19'12"]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [g/kw-hr]	0.15	IS 11255 (Part 1):1985 Reaffirmed 2014	0.3
2	Sulphur Dioxide [g/kw-hr]	BDL(<0.02)	IS 11255(Part 2) :1985 Reaffirmed 2014	-
	Oxides of Nitrogen [g/kw-hr]	1.85	IS 11255 (Part 7) :1985 Redffirmed 2012	9.2
4	Carbon monoxide [g/kw-hr]	0.80	IS 5182 (Part 10) : 1999	3.5
5	Hydrocarbon [g/kw-hr]	0.21	IS 5182 (Part 10) : 1999	1.3

Notes :-

- # Parameter No. 1,2,3,4 covered under NABL scope and Parameter No. 5 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Senior Analyst

Authorized Signatory
(Report No: 500000973)



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TEST REPORT

Report No.:	500000974	Date :	22-09-2020
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 :	DG Stack Emission Level	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection :	DG Set 563 KVA [74°32'28" 25°19'12"]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Particulate matter [g/kw-hr]	0.10	IS 11255 (Part 1):1985 Reaffirmed 2014	0.3
2	Sulphur Dioxide [g/kw-hr]	BDL(<0.02)	IS 11255(Part 2):1985 Reaffirmed 2014	-
	Oxides of Nitrogen [g/kw-hr]	2.13	IS 11255 (Part 7) :1985 Redffirmed 2012	9.2
4	Carbon monoxide [g/kw-hr]	1.21	IS 5182 (Part 10) : 1999	3.5
5	Hydrocarbon [g/kw-hr]	0.25	IS 5182 (Part 10) : 1999	1,3

Notes :-

- # Parameter No. 1,2,3,4 covered under NABL scope and Parameter No. 5 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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Senior Analyst

Authorized Signatory
(Report No: 500000974)



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TEST REPORT

Report No./ULR No. :	TC502520200000909F	Date :	25-09-2020
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 :	Wastewater Sample	Date of Sample Collection/Monitoring :	13-09-2020
Point of Collection :	15 KLD STP Inlet	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 25-09-2020	Sampling Plan :	APHA 2017 : 1060
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Total Suspended Solids [mg/l]	85	APHA.2017:2540-D
2	Ammonical Nitrogen as N [mg/l]	17.56	APHA 2017 : 4500-NH3 C
3	Biochemical Oxygen Demand (BOD) [mg/l]	33	APHA 2017:5210-B
4	Chloride as Cl [mg/l]	609.81	APHA 2017 : 4500- Cl- B
5	Chemical Oxygen Demand (COD) [mg/l]	134.4	APHA:2017 : 5220-C
6	pH	7.32	APHA:2017 : 4500 H+B
7	Sulphide as S [mg/l]	BDL(<0.1)	APHA. 2017 : 4500-S2-F
8	Total Kjeldahl Nitrogen (TKN) [mg/l]	50.2	APHA 2017 : 4500-Norg B
9	Oil & Grease [mg/l]	13	APHA 2017 : 5520 B
10	Total Residual Chlorine [mg/l]	0.1	APHA:2017 : 4500-CI B

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Maheshwari
Senior Analyst


Rajesh Maheshwari
Authorized Signatory

(Report No: TC502520200000909F)



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TEST REPORT

Report No./ULR No. :	TC502520200000910F	Date :	25-09-2020
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 :	Wastewater Sample	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection :	15 KLD STP Outlet [74°32'24"N 25°18'58"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 25-09-2020	Sampling Plan :	APHA 2017 : 1060
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Total Suspended Solids [mg/l]	13	APHA.2017:2540-D	100
2	Ammonical Nitrogen as N [mg/l]	0.56	APHA 2017 : 4500-NH3 C	50
3	Biochemical Oxygen Demand (BOD) [mg/l]	5.25	APHA 2017:5210-B	30
4	Chloride as Cl [mg/l]	649.8	APHA 2017 : 4500- Cl- B	-
5	Chemical Oxygen Demand (COD) [mg/l]	43.01	APHA:2017 : 5220-C	250
6	pH	7.06	APHA:2017 : 4500 H+B	5.5 - 9.0
7	Sulphide as S [mg/l]	BDL(<0.1)	APHA. 2017 : 4500-S2-F	2
8	Total Kjeldahl Nitrogen (TKN) [mg/l]	6.52	APHA 2017 : 4500-Norg B	100
9	Oil & Grease [mg/l]	4	APHA 2017 : 5520 B	10
10	Total Residual Chlorine [mg/l]	0.1	APHA:2017 : 4500-Cl B	1.0

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502520200000910F)



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Email : marketinglab@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502520600001343F	Date :	25-09-2020
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 :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Near Nitrogen Plant [74°32'24"N 25°19'8"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 23-09-2020	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	70.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	62.7	IS 9989	70

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Senior Analyst

Authorized Signatory
(Report No: TC502520600001343F)



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TEST REPORT

Report No./ULR No. :	TC502520600001344F	Date :	25-09-2020
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 :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Near Cooler Area [74°32'29"N 25°19'7"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 23-09-2020	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	63.6	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	55.9	IS 9989	70

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Purnan Mal Yogi
Senior Analyst


Rajesh Maneswan
Authorized Signatory
(Report No: TC502520600001344F)



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TEST REPORT

Report No./ULR No. :	TC502520600001345F	Date :	25-09-2020
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 :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Near D.G. Room [74°32'27"N 25°19'03"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 23-09-2020	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	67.9	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	52.3	IS 9989	70

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: TC502520600001345F)



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TEST REPORT

Report No./ULR No. :	TC502520600001346F	Date :	25-09-2020
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 :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Near Proportioning & HPGR Building [74°33'1"N 25°19'51"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 23-09-2020	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	67.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	54.1	IS 9989	70

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Majhi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: TC502520600001346F)



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TEST REPORT

Report No./ULR No. :	TC50252060001347F	Date :	25-09-2020
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 :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Near Balling Disc Building [74°32'24"N 25°19'2"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	69.2	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	58.9	IS 9989	70

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC50252060001347F)



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TEST REPORT

Report No./ULR No. :	TC502520400001772F	Date :	22-09-2020
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 :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	11-09-2020
Point of Collection :	Bentonite Grinding Storage [74°32'23"N 25°19'2"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	459.42	IS 5182 (Part 4) : 1999 RA 2019

Notes :-

- # Parameter No. 1 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Punit Malhotra
Senior Analyst

Senior Analyst

Rajesh Malhotra
Authorized Signatory

Authorized Signatory

(Report No: TC502520400001772F)



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TEST REPORT

Report No./ULR No. :	TC502520400001773F	Date :	22-09-2020
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 :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	12-09-2020
Point of Collection :	Coal Pulverize Area [74°32'27"N 25°19'07"E]	Date of Receipt :	16-09-2020
Date of Test/Analysis :	16-09-2020 to 22-09-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	380.85	IS 5182 (Part 4) : 1999 RA 2019

Notes :-

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Senior Analyst



Authorized Signatory

(Report No: TC502520400001773F)