



# 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

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JDA/UDH

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Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

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Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No.ULR:	TC502520400001205	Date :	13-07-2020
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 Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	29-06-2020
Point of Collection :	Near Sraff canteen front off CCR [74°32'30" 25°19'00"]	Date of Receipt :	01-07-2020 :
Date of Test/Analysis :	01-07-2020 to 13-07-2020	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/m <sup>3</sup> ]	BDL (<10.0)	CPCB Guidelines	400.00
2	Benzene [microgram/m <sup>3</sup> ]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
3	Carbon Monoxide [microgram/m <sup>3</sup> ]	290	IS 5182 (Part 10) : 1999 RA 2019	4000
4	Lead [microgram/m <sup>3</sup> ]	0.10	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
5	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	17.92	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
6	Ozone [microgram/m <sup>3</sup> ]	BDL (<20.0)	APHA 1977,Part 819	100.00

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Phone : +91 9460222039, 9460222049,  
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/m <sup>3</sup> ]	225.65	IS 5182 (Part 4) : 1999 RA 2019	-
8	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	38.54	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.16	IS 5182 (Part 2) : 2001 RA 2017	80.00
10	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	83.70	IS 5182 (Part 23)-2006 RA 2017	100.00
11	Benzo-alfa- Pyrene [ng/m <sup>3</sup> ]	BDL(<0.5)	CPCB Guidelines	1.00
12	Arsenic [ng/m <sup>3</sup> ]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
13	Nickel [ng/m <sup>3</sup> ]	3.80	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.
- # 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 Maheshwan**  
Authorized Signatory

(Report No:TC502520400001205 )



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### TEST REPORT

Report No./ULR	TC5025204000001203	Date :	13-07-2020
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 Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	30-06-2020
Point of Collection :	Tiranga House [74°32'19" 25°18'57" ]	Date of Receipt :	01-07-2020
Date of Test/Analysis :	01-07-2020 to 21-03-2020	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]	330	IS 5182 (Part 10) : 1999 RA 2019	4000
4	Lead [microgram/m3]	0.16	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
5	Nitrogen Dioxide as NO2 [microgram/m3]	12.93	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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Phone : +91 9460222039, 9460222049,  
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]	239.23	IS 5182 (Part 4) : 1999 RA 2019	-
8	Particulate Matter (PM2.5) [microgram/m3]	29.87	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m3]	5.52	IS 5182 (Part 2) : 2001 RA 2017	80.00
10	Particulate Matter (PM 10) [microgram/m3]	80.23	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]	4.31	IS 5182 (Part 22) : 2004 Reaffirmed 2019	20.00

### Notes :-

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwan  
Authorized Signatory

(Report No: TC502520400001203 )



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## TEST REPORT

Report No.ULR :	TC502520400001204	Date :	13-07-2020
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 Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	30-06-2020
Point of Collection :	Switch yard Station [74*32'36" 25*19'27" ]	Date of Receipt :	01-07-2020
Date of Test/Analysis :	01-07-2020 to 13-07-2020	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/m <sup>3</sup> ]	BDL (<10.0)	CPCB Guidelines	400.00
2	Benzene [microgram/m <sup>3</sup> ]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
3	Carbon Monoxide [microgram/m <sup>3</sup> ]	310	IS 5182 (Part 10) : 1999 RA 2019	4000
4	Lead [microgram/m <sup>3</sup> ]	0.10	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
5	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	16.6	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
6	Ozone [microgram/m <sup>3</sup> ]	BDL (<20.0)	APHA 1977,Part 819	100.00

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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 <sup>3</sup> ]	257.4	IS 5182 (Part 4) : 1999 RA 2019	-
8	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	36.39	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.31	IS 5182 (Part 2) : 2001 RA 2017	80.00
10	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	84.15	IS 5182 (Part 23)-2006 RA 2017	100.00
11	Benzo-alfa- Pyrene [ng/m <sup>3</sup> ]	BDL(<0.5)	CPCB Guidelines	1.00
12	Arsenic [ng/m <sup>3</sup> ]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
13	Nickel [ng/m <sup>3</sup> ]	5.28	IS 5182 (Part 22) : 2004 Reaffirmed 2019	20.00

### Notes :-

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: TC502520400001204 )



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## TEST REPORT

Report No.ULR:	TC502520400001206	Date :	13-07-2020
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 Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	30-06-2020
Point of Collection :	Near BFN plant B [74*32'21" 25*19'10"]	Date of Receipt :	01-07-2020
Date of Test/Analysis :	11-03-2020 to 21-03-2020	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Parsa Ram Kudi
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/m <sup>3</sup> ]	BDL (<10.0)	CPCB Guidelines	400.00
2	Benzene [microgram/m <sup>3</sup> ]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
3	Carbon Monoxide [microgram/m <sup>3</sup> ]	320	IS 5182 (Part 10) : 1999 RA 2019	4000
4	Lead [microgram/m <sup>3</sup> ]	0.20	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
5	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	16.11	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
6	Ozone [microgram/m <sup>3</sup> ]	BDL (<20.0)	APHA 1977,Part 819	100.00

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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/m <sup>3</sup> ]	267.01	IS 5182 (Part 4) : 1999 RA 2019	-
8	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	33.9	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m <sup>3</sup> ]	4.99	IS 5182 (Part 2) : 2001 RA 2017	80.00
10	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	88.06	IS 5182 (Part 23)-2006 RA 2017	100.00
11	Benzo-alfa- Pyrene [ng/m <sup>3</sup> ]	BDL(<0.5)	CPCB Guidelines	1.00
12	Arsenic [ng/m <sup>3</sup> ]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
13	Nickel [ng/m <sup>3</sup> ]	5.32	IS 5182 (Part 22) : 2004 Reaffirmed 2019	20.00

### Notes :-

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- # Parameter No. NONE outsourced for testing.
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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: TC502520400001206 )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No.:	500000678	Date :	13-07-2020
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 :	29-06-2020
Point of Collection :	DG Set 750 KVA [74°32'28" 25°19'12"]	Date of Receipt :	01-07-2020
Date of Test/Analysis :	01-07-2020 to 13-07-2020	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]	0.13	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	-
3	Oxides of Nitrogen [g/kw-hr]	2.18	IS 11255 (Part 7) :1985 Redffirmed 2012	9.2
4	Carbon monoxide [g/kw-hr]	0.89	IS 5182 (Part 10) : 1999	3.5
5	Hydrocarbon [g/kw-hr]	0.22	IS 5182 (Part 10) : 1999	1.3

### Notes :-

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Purnan Mal Yogi  
Senior Analyst

Rajesh Maheshwan  
Authorized Signatory  
(Report No: 500000678 )



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

## TEST REPORT

Report No.:	500000679	Date :	13-07-2020
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 :	29-06-2020
Point of Collection :	DG Set 563 KVA [74*32'28" 25*19'12"]	Date of Receipt :	01-07-2020
Date of Test/Analysis :	01-07-2020 to 13-07-2020	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]	0.14	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	-
3	Oxides of Nitrogen [g/kw-hr]	2.41	IS 11255 (Part 7) :1985 Redfirmed 2012	9.2
4	Carbon monoxide [g/kw-hr]	0.94	IS 5182 (Part 10) : 1999	3.5
5	Hydrocarbon [g/kw-hr]	0.26	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
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Puran Mal Yogi  
Senior Analyst

Rajesh Maheshwan  
Authorized Signatory  
(Report No: 500000679)



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

## TEST REPORT

Report No.:	500000676	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Rotry Kiln ESP Stack (74°32'24",25°19'05")	Date of Receipt :	01-07-2020
Date of Test/Analysis :	01-07-2020 to 21-03-2020	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 <sup>3</sup> ]	39.57	IS 11255 (Part 1):1985 Reaffirmed 2014

### 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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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

  
Puran Mal Yogi  
Senior Analyst

  
Raiesh Maheshwan  
Authorized Signatory  
(Report No: 500000676 )



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

## TEST REPORT

Report No./ULR No. :	TC502520500000677F	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Coal Mill Stack [74°32'28"N 25°19'8"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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 [mg/Nm <sup>3</sup> ]	27.8	IS 11255 (Part 1):1985 Reaffirmed 2014	100

Notes :-

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**Puran Mal Yogi**  
Senior Analyst

**Rajesh Maheshwari**  
Authorized Signatory

(Report No: TC502520500000677F )



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

## TEST REPORT

Report No./ULR No. :	TC502520100000639P	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Bore well Near Balling Disc Building [74°32'26"N 25°19'6"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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	8.09	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	540	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
7	Iron [mg/l]	0.05	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
8	Chloride [mg/l]	349.89	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00

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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]	1596	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
10	Calcium [mg/l]	128	IS 3025 (Part 40) : 1991 RA 2019	75.00	200.00
11	Magnesium [mg/l]	29.16	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]	277.86	IS 3025 (Part 24) : 1986 RA 2019	200.00	400.00
15	Nitrate [mg/l]	26.85	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	-
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994 RA 2019	0.01	-
20	Zinc [mg/l]	0.23	IS 3025 (Part 49) : 1994 RA 2019	5.00	15.00
21	Alkalinity - T [mg/l]	250	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]	0.42	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 (<0.01)	IS 3025 (Part 48) : 1994 RA 2019	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL (<0.001)	APHA 2017 : 6440 B	0.0001	-
28	Mineral oil [mg/l]	BDL (<0.05)	IS 3025 (Part 39) : 1991 RA 2019	0.5	-

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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	Cyanide [mg/l]	BDL (<0.01)	IS 3025 (Part 27) : 1986 RA 2019	0.05	-
30	Calcium Hardness [mg/l]	320	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 (<0.001)	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 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 Mal Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TC502520100000639P )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502520100000640P	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Bore Well Nr. Coal Storage Yard	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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	7.63	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]	0.07	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
8	Chloride [mg/l]	299.91	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00

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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]	1668	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]	53.46	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]	280.86	IS 3025 (Part 24) : 1986 RA 2019	200.00	400.00
15	Nitrate [mg/l]	29.81	IS 3025 (Part 34) : 1988 RA 2019	45.00	-
16	Fluoride [mg/l]	1.20	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	-
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]	350	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	-	-
23	Boron [mg/l]	0.45	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 (<0.001)	APHA 2017 : 6440 B	0.0001	-
28	Mineral oil [mg/l]	BDL (<0.05)	IS 3025 (Part 39) : 1991 RA 2019	0.5	-

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
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	Nickel [mg/l]	BDL (<0.01)	IS 3025 (Part 54) : 2003 RA 2019	-	-
34	Phenolic Compound [mg/l]	BDL (<0.001)	IS 3025 (Part 43) : 1992 RA 2019	0.001	-
35	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012 RA 2018	Shall not be detectable in 100ml Sample	-
36	E. Coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2018	Shall not be detectable in 100ml Sample	-
37	Selenium [mg/l]	BDL (<0.001)	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
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Puran Maheshwari  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TC502520100000640P )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502520200000591F	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	15 KLD STP Inlet	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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]	15	APHA.2017:2540-D	100
2	Ammonical Nitrogen as N [mg/l]	5.6	APHA 2017 : 4500-NH3 C	50
3	Biochemical Oxygen Demand (BOD) [mg/l]	13	APHA 2017:5210-B	30
4	Chloride as Cl [mg/l]	629.8	APHA 2017 : 4500- Cl- B	-
5	Chemical Oxygen Demand (COD) [mg/l]	76.03	APHA:2017 : 5220-C	250
6	pH	7.64	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]	12.4	APHA 2017 : 4500-Norg B	100
9	Oil & Grease [mg/l]	3	APHA 2017 : 5520 B	10
10	Total Residual Chlorine [mg/l]	0.1	APHA:2017 : 4500-Cl B	1.0

Notes :-

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Senior Analyst

  
Rajesh Maheshwan  
Authorized Signatory  
(Report No: TC502520200000591F )



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Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502520200000590F	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	15 KLD STP Outlet [74°32'24"N 25°18'58"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	Sampling Plan :	APHA 2017 : 1060
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	Total Suspended Solids [mg/l]	12	APHA.2017:2540-D	100
2	Ammonical Nitrogen as N [mg/l]	5.04	APHA 2017 : 4500-NH3 C	50
3	Biochemical Oxygen Demand (BOD) [mg/l]	16	APHA 2017:5210-B	30
4	Chloride as Cl [mg/l]	669.79	APHA 2017 : 4500- Cl- B	-
5	Chemical Oxygen Demand (COD) [mg/l]	60.48	APHA:2017 : 5220-C	250
6	pH	8.02	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]	9.8	APHA 2017 : 4500-Norg B	100
9	Oil & Grease [mg/l]	3	APHA 2017 : 5520 B	10
10	Total Residual Chlorine [mg/l]	BDL(<0.1)	APHA:2017 : 4500-CI B	1.0

### Notes :-

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Puran Mal Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory

(Report No: TC502520200000590F)



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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

## TEST REPORT

Report No./ULR No. :	TC502520100000638P	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Pur Pond [74°32'21"N 25°17'60"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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	7.18	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	150	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]	124.96	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00

Note:

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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]	479	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
10	Calcium [mg/l]	52	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]	221.43	IS 3025 (Part 24) : 1986 RA 2019	200.00	400.00
15	Nitrate [mg/l]	33.21	IS 3025 (Part 34) : 1988 RA 2019	45.00	-
16	Fluoride [mg/l]	0.36	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	-
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]	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]	7	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	Mercury [mg/l]	BDL (<0.001)	IS 3025 (Part 48) : 1994 RA 2019	0.001	-
28	Polynuclear aromatic Hydrocarbon [mg/l]	BDL (<0.001)	APHA 2017 : 6440 B	0.0001	-

Note:

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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	Mineral oil [mg/l]	BDL (<0.05)	IS 3025 (Part 39) : 1991 RA 2019	0.5	-
30	Cyanide [mg/l]	BDL (<0.01)	IS 3025 (Part 27) : 1986 RA 2019	0.05	-
31	Calcium Hardness [mg/l]	130	IS 3025 (Part 40) : 1991 RA 2019	-	-
32	Pesticides [mg/l]	Not detected	APHA : 2017	-	-
33	Anionic Surface Detergents as MBA's [mg/l]	BDL (<0.1)	IS 13428 (Annexure K)	0.20	1.00
34	Phenolic Compound [mg/l]	BDL (<0.001)	IS 3025 (Part 43) : 1992 RA 2019	0.001	-
35	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012 RA 2018	Shall not be detectable in 100ml Sample	-
36	E. Coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2018	Shall not be detectable in 100ml Sample	-
37	Selenium [mg/l]	BDL (<0.001)	APHA :2017 :3111- B	0.01	-

### Notes :-

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

Rajesh Maheshwan  
Authorized Signatory

(Report No: TC502520100000638P )



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

## TEST REPORT

Report No./ULR No. :	TC50252060000953F	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Near Proportioning & HPGR Building [74°33'1"N 25°19'51"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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)]	68.7	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	56.3	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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*Puran*  
**Puran Mal Yogi**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: TC50252060000953F )



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## TEST REPORT

Report No./ULR No. :	TC50252060000954F	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Near Balling Disc Building [74°32'24"N 25°19'2"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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)]	67.4	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	58.7	IS 9989	70

Notes :-

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Senior Analyst

  
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## TEST REPORT

Report No./ULR No. :	TC50252060000951F	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Near Cooler Area [74°32'29"N 25°19'7"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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)]	66.5	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	58.7	IS 9989	70

Notes :-

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**TEST REPORT**

Report No./ULR No. :	TC50252060000950F	Date :	13-07-2020
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 :	30-06-2020
Point of Collection :	Near Nitrogen Plant [74°32'24"N 25°19'8"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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)]	63.7	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	55.2	IS 9989	70

Notes :-

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**TEST REPORT**

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Issued To :	M/S Jindal Saw Limited (Pellet Plant) Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur Tehsil Bhitwara, District : Bhitwara- 311802 (Rajasthan),	Type of Unit :	Pellet unit
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	30-06-2020
Point of Collection :	Near D.G. Room [74°32'27"N 25°19'03"E]	Date of Receipt :	03-07-2020
Date of Test/Analysis :	03-07-2020 to 13-07-2020	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)]	65.8	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	44.6	IS 9989	70

Notes :-

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