



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/2558
Job Identification. : ULR-TC502518400000926
Date : 28-12-2018
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 : 17-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : Near Staff Canteen front off CCR Building

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m ³]	9.0	CPCB Guidelines	400.00
2	Benzene [microgram/m ³]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
3	Carbon Monoxide [microgram/m ³]	250	IS 5182 (Part 10) : 1999	4000
4	Lead [microgram/m ³]	0.14	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
5	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.25	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
6	Ozone [microgram/m ³]	BDL (<20)	APHA 1977, Part 819	100.00
7	Suspended Particulate Matter (SPM) [microgram/m ³]	252.63	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
8	Particulate Matter (PM _{2.5}) [microgram/m ³]	27.99	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m ³]	7.91	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
10	Particulate Matter (PM ₁₀) [microgram/m ³]	77.56	IS 5182 (Part 23)-2006 Reaffirmed 2012	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 2014	6.00
13	Nickel [ng/m ³]	1.8	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00

Notes :-

- # 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.



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/2556
Job Identification. : ULR-TC502518400000924
Date : 28-12-2018
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 : 14-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : Tiranga House

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	9.1	CPCB Guidelines	400.00
2	Benzene [microgram/m3]	BDL(<1.0)	IS 5182 (Part 11) : 2006	5.00
3	Carbon Monoxide [microgram/m3]	280	IS 5182 (Part 10) : 1999	4000
4	Lead [microgram/m3]	0.16	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
5	Nitrogen Dioxide as NO ₂ [microgram/m3]	14.08	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
6	Ozone [microgram/m3]	BDL(<20)	APHA 1977, Part 819	100.00
7	Suspended Particulate Matter (SPM) [microgram/m3]	256.86	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
8	Particulate Matter (PM _{2.5}) [microgram/m3]	36	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m3]	6.87	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
10	Particulate Matter (PM ₁₀) [microgram/m3]	80.21	IS 5182 (Part 23)-2006 Reaffirmed 2012	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 2014	6.00
13	Nickel [ng/m3]	3.8	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00

Notes :-

- # 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 Togi

Manish Babbar



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

NABL RSPCB ISO 9001:2008 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/2557
Job Identification. : ULR-TC502518400000925
Date : 28-12-2018
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 : 15-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : Switchyard Station

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m ³]	8.6	CPCB Guidelines	400.00
2	Benzene [microgram/m ³]	BDL(<1.0)	IS 5182 (Part 11) : 2006	5.00
3	Carbon Monoxide [microgram/m ³]	270	IS 5182 (Part 10) : 1999	4000
4	Lead [microgram/m ³]	0.15	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
5	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.78	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
6	Ozone [microgram/m ³]	BDL(<20)	APHA 1977, Part 819	100.00
7	Suspended Particulate Matter (SPM) [microgram/m ³]	272.5	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
8	Particulate Matter (PM _{2.5}) [microgram/m ³]	29.55	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m ³]	8.4	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
10	Particulate Matter (PM ₁₀) [microgram/m ³]	81.63	IS 5182 (Part 23)-2006 Reaffirmed 2012	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 2014	6.00
13	Nickel [ng/m ³]	4.1	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00

Notes :-

- # 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.

Puram
Puram M. Yogi

Rajesh
Rajesh Mishra



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/2559
Job Identification. : ULR-TC502518400000927
Date : 28-12-2018
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 : 14-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : BFN Plant B

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m ³]	10.5	CPCB Guidelines	400.00
2	Benzene [microgram/m ³]	BDL(<1.0)	IS 5182 (Part 11) : 2006	5.00
3	Carbon Monoxide [microgram/m ³]	290	IS 5182 (Part 10) : 1999	4000
4	Lead [microgram/m ³]	0.14	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
5	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.05	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
6	Ozone [microgram/m ³]	BDL(<20)	APHA 1977, Part 819	100.00
7	Suspended Particulate Matter (SPM) [microgram/m ³]	272	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
8	Particulate Matter (PM _{2.5}) [microgram/m ³]	35.88	CPCB Guidelines	60.00
9	Sulphur Dioxide [microgram/m ³]	7.8	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
10	Particulate Matter (PM ₁₀) [microgram/m ³]	78.01	IS 5182 (Part 23)-2006 Reaffirmed 2012	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 2014	6.00
13	Nickel [ng/m ³]	2.1	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00

Notes :-

- # 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.

Purges
Dusan Malhotra

Rajesh Mahechwart



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : ST/1170
Job Identification. : ULR-TC502518500000460
Date : 28-12-2018
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 : 19-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : Rotary Kiln Stack

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm ³]	26.39	IS 11255 (Part 1):1985 Reaffirmed 2014

Notes :-

- # 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.


Purnan Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: ST/1170)



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT


Report No. : ST/1171
Job Identification. : ULR-TC502518500000461
Date : 28-12-2018
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 : 17-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : Coal Mil Stack

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm ³]	30.54	IS 11255 (Part 1):1985 Reaffirmed 2014

Notes :-

- # 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.


Purnima Maheshwan
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: ST/1171)

(Raj)



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : ST/1173
Job Identification: ULR-TC502518500000463
Date : 28-12-2018
Issued to M/s. Jindal Saw Limited
Iron Ore Pellet Unit, Khasra No.6711,9696/6711 Villagr -Pur,
District Bhilwara (Rajasthan)
Type of Unit Pellet Plant
Type of Sample : **DG Stack Monitoring**
Date of Sample Collection/ Monitoring: 18-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected by : Sitaram Jangid
Point of Collection : D.G. Set 563 KVA (Magna Max)


RESULTS

S. No	Parameter	Unit	Observed Value	Testing Protocol	Limits as per Environment (Protection) Act, 1986,
1.	Particulate Matter	g/kw-hr	0.10	IS:11255 (Part-1)	0.3
2.	Oxides of Nitrogen as NO ₂	g/kw-hr	1.85	IS:11255 (Part-7)	9.2
3.	Carbon monoxide as CO	g/kw-hr	0.80	IS:5182 (Part-10)	3.5
4.	Sulphur Dioxide as SO ₂	g/kw-hr	BDL(<0.02)	IS:11255 (Part-2)	-
5.	Hydrocarbon as HC	g/kw-hr	0.19	IS:5182 (Part-21)	1.3

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. 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: ST/1173)



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : ST/1172
Job Identification: ULR-TC502518500000462
Date : 28-12-2018
Issued to : M/s. Jindal Saw Limited
Iron Ore Pellet Unit, Khasra No.6711,9696/6711 Villagr -Pur,
District Bhilwara (Rajasthan)
Type of Unit : Pellet Plant
Type of Sample : **DG Stack Monitoring**
Date of Sample Collection/ Monitoring: 18-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected by : Sitaram Jangid
Point of Collection : D.G. Set 750 KVA (Kirloskar)

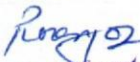
RESULTS


S. No	Parameter	Unit	Observed Value	Testing Protocol	Limits as per Environment (Protection) Act, 1986,
1.	Particulate Matter	g/kw-hr	0.13	IS:11255 (Part-1)	0.3
2.	Oxides of Nitrogen as NO ₂	g/kw-hr	2.36	IS:11255 (Part-7)	9.2
3.	Carbon monoxide as CO	g/kw-hr	0.62	IS:5182 (Part-10)	3.5
4.	Sulphur Dioxide as SO ₂	g/kw-hr	BDL(<0.02)	IS:11255 (Part-2)	-
5.	Hydrocarbon as HC	g/kw-hr	0.22	IS:5182 (Part-21)	1.3

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. 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: ST/1172)



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/2530
Job Identification. : ULR-TC502518400000928
Date : 28-12-2018
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 : 19-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : Bentonite Grinding Area

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	470.57	IS 5182 (Part 4) : 1999 Reaffirmed 2014

Notes :-

- # 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 Maheshwari
Authorized Signatory
(Report No: A/2530)



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

NABL RSPCB ISO 9001:2008 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : A/2531
Job Identification : ULR-TC502518400000929
Date : 15-01-2019
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 : 20-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 28-12-2018
Sample Collected By : Sitaram jangid
Point of Collection : Coal Pulverize Area (Near Nitrogen Plant)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	450.49	IS 5182 (Part 4) : 1999 Reaffirmed 2014

Notes :-

- # 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 Ma
Puran Ma Yogi
Senior Analyst

Rajesh
Rajesh Maheshwan
Authorized Signatory
(Report No: A/2531)



TEAM TEST HOUSE

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



TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/1774
 Job Identification. : ULR-TC502518100000662
 Date : 08-01-2019
 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 : 20-12-2018
 Date of Sample Receipt : 24-12-2018
 Date of Test : 24-12-2018 to 08-01-2019
 Sample Collected By : Sitaram jangid
 Point of Collection : Borewell Water

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	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) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.40	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	588	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	330.04	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	1838	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

Continue to next page...

Signature



TEAM TEST HOUSE

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



TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
10	Calcium [mg/l]	163.2	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	43.74	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	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]	240.37	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	24.07	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	1.23	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	272	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.42	IS 13428 (Annexure H)	0.5	1.0
24	E-coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2013	Shall not be detectable in 100 ml sample	-
25	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012	Shall not be detectable in 100 ml sample	-
26	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
27	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-

Note:

Continue to next page...

Raj



TEAM TEST HOUSE

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



TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
29	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
30	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
31	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
32	Calcium Hardness [mg/l]	408	IS 3025 (Part 40) : 1991 RA 2014	-	-
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 2014	0.001	-

Notes :-

- # 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: W/NABL/1774)

Rajesh

Rajesh



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/1774
Job Identification. : ULR-TC502518100000662
Date : 08-01-2019
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 : 20-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 08-01-2019
Sample Collected By : Sitaram jangid
Point of Collection : Borewell Water

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-
2	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-

Notes :-

- # 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
Puran Mat Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/1774)



TEAM TEST HOUSE

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



TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL RSPCB ISO 9001:2008 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/1773
Job Identification. : ULR-TC502518100000661
Date : 08-01-2019
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 : 20-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 08-01-2019
Sample Collected By : Sitaram jangid
Point of Collection : Pur Pond

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	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) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	6.77	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	232	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	137.67	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	623	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

Continue to next page...

Gey



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
10	Calcium [mg/l]	62.4	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	18.47	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	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]	86.87	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	10.71	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.26	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	116	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.42	IS 13428 (Annexure H)	0.5	1.0
24	E-coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2013	Shall not be detectable in 100 ml sample	-
25	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012	Shall not be detectable in 100 ml sample	-
26	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
27	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-

Note:

Continue to next page...

Raj



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
29	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
30	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
31	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
32	Calcium Hardness [mg/l]	156	IS 3025 (Part 40) : 1991 RA 2014	-	-
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 2014	0.001	-

Notes :-

- # 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 Maheshwari
Authorized Signatory
(Report No: W/NABL/1773)



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/1773
Job Identification. : ULR-TC502518100000661
Date : 15-01-2019
Issued To : M/S Jindal Saw Limited (Pellet Plant)
ML No. 627/05, Village : Lampiya Tehsil : Banera,
District : Bhilwara- 311802 (Rajasthan)
Type of Unit : Pellet Plant
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 20-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 08-01-2019
Sample Collected By : Sitaram Jangid
Point of Collection : Pur Pond (Surface Water)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(0.0001)	APHA 2012 : 6440 B	0.0001	-
2	Pesticides [mg/l]	Not Detected	APHA : 2012	-	-
3	Suspended Solids [mg/l]	33	IS 3025 (part 15) : 1984	-	-

Notes :-

- # 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.


Purnan Mal Yogi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: W/1773)



TEAM TEST HOUSE

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



TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/1772
Job Identification : ULR-TC502518100000660
Date : 08-01-2019
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 : 18-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 08-01-2019
Sample Collected By : Sitaram jangid
Point of Collection : Near CCR Building

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	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) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.43	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	112	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	22.63	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	135	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

Continue to next page...

Page



TEAM TEST HOUSE

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



TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
10	Calcium [mg/l]	28.8	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	9.72	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL (<0.01)	IS 3025 (Part 42) : 1992 RA 2014	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]	12.75	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	6.11	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.14	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	24	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	-
23	Boron [mg/l]	0.41.	IS 13428 (Annexure H)	0.5	1.0
24	E-coli [MPN/100ml]	BDL	IS 5887 (Part 1) : 1976 RA 2013	Shall not be detectable in 100 ml sample	-
25	Total coliform [MPN/100ml]	BDL	IS 5401 (Part 2) : 2012	Shall not be detectable in 100 ml sample	-
26	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
27	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-

Note:

Continue to next page...

Per



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

NABL RSPCB ISO 9001:2008 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
29	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
30	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
31	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
32	Calcium Hardness [mg/l]	72	IS 3025 (Part 40) : 1991 RA 2014	-	-
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 2014	0.001	-

Notes :-

- # 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
Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/1772)

Rajesh

Rajesh



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/1772
Job Identification. : ULR-TC502518100000660
Date : 08-01-2019
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 : 18-12-2018
Date of Sample Receipt : 24-12-2018
Date of Test : 24-12-2018 to 08-01-2019
Sample Collected By : Sitaram jangid
Point of Collection : Near CCR Building

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-
2	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-

Notes :-

- # 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 Manohwari
Authorized Signatory
(Report No: W/1772)

P.aj



TEAM TEST HOUSE

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



TC-5025

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL
RSPCB
ISO 9001:2008
OHSAS 18001:2007
JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : WW/NABL/1063
 Job Identification. : ULR-TC50251820000362
 Date : 08-01-2019
 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 : 19-12-2018
 Date of Sample Receipt : 24-12-2018
 Date of Test : 24-12-2018 to 08-01-2019
 Sample Collected By : Sitaram jangid
 Point of Collection : 15 KLD STP Outlet

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Total Suspended Solids [mg/l]	18	APHA.2017:2540-D	100
2	Ammonical Nitrogen [mg/l]	8.3	APHA 2017 : 4500-NH3 C	50
3	Biochemical Oxygen Demand (BOD) [mg/l]	12	APHA 2017:5210-B	30
4	Chloride [mg/l]	194.98	APHA 2017 : 4500- CI- B	-
5	Chemical Oxygen Demand (COD) [mg/l]	82.94	APHA:2017 : 5220-C	250
6	pH	7.29	APHA:2017 : 4500 H+B	5.5 - 9.0
7	Sulphide [mg/l]	BDL(<0.1)	APHA. 2017 : 4500-S2-F	2
8	Total Kjeldahl Nitrogen (TKN) [mg/l]	18	APHA 2017 : 4500-Norg B	100
9	Oil & Grease [mg/l]	8	APHA 2017 : 5520 B	10
10	Total Residual Chlorine [mg/l]	BDL(<0.1)	APHA:2017 : 4500-CI B	1.0

Notes :-

- # 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
Puran Mal Yogi
 Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
 Authorized Signatory
 (Report No: WW/NABL/1063)



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

NABL

RSPCB

ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No N/1227
Date 28/12/2018
Issued to M/s. Jindal Saw Limited (Pellet Plant)
Iron Ore Pellet Plant, Khasra No.6711, 9997/6711
Near Village -Pur, Tehsil & District Bhilwara
(Rajasthan)
Type of Unit Pellet plant
Date of Monitoring 14/12/2018 to 17/12/2018
Date of Sample Receipt 24/12/2018
Date of Test 24/12/2018
Sample Collected by Sitaram jangid
Type of Monitoring Ambient Noise Level Monitoring

RESULTS

Sr. No.	Point Of Monitoring	Observed value [Leq dB (A)] Day Time	Observed value [Leq dB (A)] Night Time
1.	Near Nitrogen Plant	66.4	59.1
2.	Near Cooler Area	71.4	63.4
3	Near DG Area	67.5	60.1
4	Near Proportioning & HPGR Building	65.3	57.4
5	Near Balling Disk	63.9	57.4

Standard Limits [in dB (A)] Leq:

Category of Area/ Zone	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puran
Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No.: - N/1227)