



# 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 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranganj 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./ULR No. :	TC502519400002207F	Date :	14-08-2019
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 :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	05-08-2019
Point of Collection :	Near Staff Canteen front off CCR Building (74°32'30"N,25°19'0"E)	Date of Receipt :	06-08-2019
Date of Test/Analysis :	06-08-2019 to 14-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
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	Carbon Monoxide [microgram/m <sup>3</sup> ]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.21	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	183.56	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	27.77	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	4.52	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	67.01	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

### Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE 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.

Purnan Mal Yogi  
Senior Analyst

Rajesh Maheshwan  
Authorized Signatory  
(Report No: TC502519400002207F )



# 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 9001:2015                      OHSAS 18001:2007                      JDA/UDH

Office : E-65, Chitranganj 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./ULR No. :	TC502519400002208F	Date :	14-08-2019
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 :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	05-08-2019
Point of Collection :	Tiranga House [25°18'975 N 074°32'306 E]	Date of Receipt :	06-08-2019
Date of Test/Analysis :	06-08-2019 to 14-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
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	Carbon Monoxide [microgram/m <sup>3</sup> ]	270	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	11.23	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	132.91	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	30.69	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	3.17	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	61.64	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE 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.

*Purbi Mal Yogi*  
Senior Analyst

*Rajesh Maheshwari*  
Authorized Signatory  
(Report No: TC502519400002208F)





# 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 9001:2015

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./ULR No. :	TC502519400002209F	Date :	14-08-2019
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 :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	04-08-2019
Point of Collection :	Switchyard Station (74°32'36"N,25°19'27"E)	Date of Receipt :	06-08-2019
Date of Test/Analysis :	06-08-2019 to 14-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
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	Carbon Monoxide [microgram/m3]	330	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.08	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	221.16	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	30.13	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.29	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	63.44	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

### Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE 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 Maheshwari  
Authorized Signatory  
(Report No: TC502519400002209F )



# 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 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranganj 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./ULR No. :	TC502519400002210F	Date :	14-08-2019
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 :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	05-08-2019
Point of Collection :	Near BFN Plant -B [25°19'172 N 074°32'385 E]	Date of Receipt :	06-08-2019
Date of Test/Analysis :	06-08-2019 to 14-08-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Barwari Lal Kumawat
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	Carbon Monoxide [microgram/m3]	300	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.08	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	141.27	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.28	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	3.58	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	66.23	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

### Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE 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 Mat Yogi

Senior Analyst

Rajesh Maheshwan  
Authorized Signatory

(Report No: TC502519400002210F )





# 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 9001:2015

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./ULR No. :	TC502519500001103F	Date :	29-08-2019
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 :	Mines
Type of Sample :	Stack Emission Level	Date of Sample Collection/Monitoring :	23-08-2019
Point of Collection :	Roatary Klin Stack (74°32'24	Date of Receipt :	26-08-2019
Date of Test/Analysis :	26-08-2019 to 29-08-2019	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
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 Environment protection rules, 1986
1	Particulate matter [mg/Nm <sup>3</sup> ]	28.76	IS 11255 (Part 1):1985 Reaffirmed 2014	50

Notes :-

- # Parameter No. 1 covered under NABL scope and Parameter No. NONE 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.

**Purn Mal Yogi**  
Senior Analyst

**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: TC502519500001103F )



# 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 9001:2015                      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./ULR No. :	TC502519500001104F	Date :	29-08-2019
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 :	Stack Emission Level	Date of Sample Collection/Monitoring :	23-08-2019
Point of Collection :	Coal Mill Stack	Date of Receipt :	26-08-2019
Date of Test/Analysis :	26-08-2019 to 29-08-2019	Sampling Plan :	IS 11255:2008(Part 3)RA 2018
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 Environment protection rules, 1986
1	Particulate matter [mg/Nm <sup>3</sup> ]	23.36	IS 11255 (Part 1):1985 Reaffirmed 2014	50

Notes :-

- # Parameter No. 1 covered under NABL scope and Parameter No. NONE 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: TC502519500001104F )