



# 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

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## TEST REPORT

Report No. : A/1308  
Job Identification. : A1029/18-19  
Date : 20-08-2018  
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 : 01-08-2018  
Date of Sample Receipt : 07-08-2018  
Date of Test : 07-08-2018 to 20-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Tiranga House

## 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> ]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	15.74	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	235.29	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	27.07	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.09	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	73.74	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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- # 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 Maneshwari  
Authorized Signatory  
(Report No: A/1308)



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## TEST REPORT

Report No. : A/1309  
Job Identification. : A1030/18-19  
Date : 20-08-2018  
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 : 01-08-2018  
Date of Sample Receipt : 07-08-2018  
Date of Test : 07-08-2018 to 20-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Switch Yard station

## 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> ]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	18.31	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	307.35	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	25.76	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	8.70	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	84.62	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puram Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1309)



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## TEST REPORT

A/1310

Job Identification. :

A1031/18-19

Date :

20-08-2018

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 :

01-08-2018

Date of Sample Receipt :

07-08-2018

Date of Test :

07-08-2018 to 20-08-2018

Sample Collected By :

Parsa Ram Kudi

Point of Collection :

Nr Staff Canteen Front off CRR Building

## 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> ]	380	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	15.26	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	238.17	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	36.33	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.87	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	88.59	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1310)



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Report No. :

## TEST REPORT

A/1311

Lab.: G1-584, Sitapura Industrial Area  
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Ph.: 94602-22039, 94602-22049  
E-mail : teamtesthouse@gmail.com  
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Job Identification. :

A1031/18-19

Date :

20-08-2018

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 :

03-08-2018

Date of Sample Receipt :

07-08-2018

Date of Test :

07-08-2018 to 20-08-2018

Sample Collected By :

Parsa Ram Kudi

Point of Collection :

BFN Plant B

## 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> ]	330	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	14.88	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	266.03	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	31.9	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.37	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]	78.67	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1311)



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**TEST REPORT**

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Job Identification : ST/586  
Date : 06-09-2018  
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 : 22-08-2018  
Date of Sample Receipt : 25-08-2018  
Date of Test : 25-08-2018 to 06-09-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Rotary Kiln

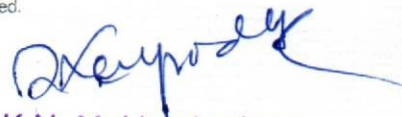
**RESULTS**

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm <sup>3</sup> ]	35.97	IS 11255 (Part 1):1985 Reaffirmed 2014

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Puran Marwadi  
Senior Analyst

  
K.N. Mukhopadhyay  
Authorized Signatory  
(Report No: ST/586)



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Job Identification : ST/587  
Date : 06-09-2018  
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 : 22-08-2018  
Date of Sample Receipt : 25-08-2018  
Date of Test : 25-08-2018 to 06-09-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Coal Grinding Mill


## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm <sup>3</sup> ]	32.15	IS 11255 (Part 1):1985 Reaffirmed 2014

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Puran Mal Yogi  
Senior Analyst

  
K.N. Mukhophadyay  
Authorized Signatory  
(Report No: ST/587)