



# 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/1218  
Job Identification. : A854/18-19  
Date : 08-08-2018  
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 : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 11-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 02-08-2018  
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> ]                         | 260            | IS 5182 (Part 10) : 1999                   | 4000  |
| 2    | Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]     | 12.73          | IS 5182 (Part 6) : 2006<br>Reaffirmed 2012 | 80.00   |
| 3    | Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]      | 163.68         | IS 5182 (Part 4) : 1999<br>Reaffirmed 2014 | -   |
| 4    | Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ] | 22.62          | CPCB Guidelines                            | 60.00   |
| 5    | Sulphur Dioxide [microgram/m <sup>3</sup> ]                         | 6.64           | IS 5182 (Part 2) : 2001<br>Reaffirmed 2012 | 80.00   |
| 6    | Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]              | 64.01          | IS 5182 (Part 23)-2006<br>Reaffirmed 2012  | 100.00  |

### Notes :-

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

  
Puran Maheshwari  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1218)



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## TEST REPORT

Report No. : A/1216  
Job Identification : A852/18-19  
Date : 08-08-2018  
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 : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 11-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 02-08-2018  
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/m3]                    | 260            | IS 5182 (Part 10) : 1999                   | 4000  |
| 2    | Nitrogen Dioxide as NO2 [microgram/m3]            | 15.49          | IS 5182 (Part 6) : 2006<br>Reaffirmed 2012 | 80.00   |
| 3    | Suspended Particulate Matter (SPM) [microgram/m3] | 171.03         | IS 5182 (Part 4) : 1999<br>Reaffirmed 2014 | -   |
| 4    | Particulate Matter (PM2.5) [microgram/m3]         | 22.82          | CPCB Guidelines                            | 60.00   |
| 5    | Sulphur Dioxide [microgram/m3]                    | 7.17           | IS 5182 (Part 2) : 2001<br>Reaffirmed 2012 | 80.00   |
| 6    | Particulate Matter (PM 10) [microgram/m3]         | 68.12          | IS 5182 (Part 23)-2006<br>Reaffirmed 2012  | 100.00  |

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Puran Malhotra  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1216)



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## TEST REPORT

Report No. : A/1217  
Job Identification. : A853/18-19  
Date : 08-08-2018  
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 : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 11-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 02-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Switchyard Station

## RESULTS

| S.No | Parameters  | Observed Value | Testing Protocol                           | Limits as per National Ambient Air Quality Standard, 2009 |
|------|---|----------------|--|---|
| 1    | Carbon Monoxide [microgram/m3]                    | 240            | IS 5182 (Part 10) : 1999                   | 4000  |
| 2    | Nitrogen Dioxide as NO2 [microgram/m3]            | 13.02          | IS 5182 (Part 6) : 2006<br>Reaffirmed 2012 | 80.00   |
| 3    | Suspended Particulate Matter (SPM) [microgram/m3] | 160.08         | IS 5182 (Part 4) : 1999<br>Reaffirmed 2014 | -   |
| 4    | Particulate Matter (PM2.5) [microgram/m3]         | 24.43          | CPCB Guidelines                            | 60.00   |
| 5    | Sulphur Dioxide [microgram/m3]                    | 7.33           | IS 5182 (Part 2) : 2001<br>Reaffirmed 2012 | 80.00   |
| 6    | Particulate Matter (PM 10) [microgram/m3]         | 60.65          | IS 5182 (Part 23)-2006<br>Reaffirmed 2012  | 100.00  |

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*Purpa*  
Puran Mai Yogi  
Senior Analyst

*Rajesh*  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1217)



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Job Identification. :

A/1219

Date :

A855/18-19

08-08-2018

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 :

Mines

Type of Sample :

Ambient Air Quality Monitoring

Date of Sample Collection/Monitoring :

12-07-2018

Date of Sample Receipt :

19-07-2018

Date of Test :

19-07-2018 to 02-08-2018

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> ]                         | 240            | IS 5182 (Part 10) : 1999                   | 4000  |
| 2    | Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]     | 15.31          | IS 5182 (Part 6) : 2006<br>Reaffirmed 2012 | 80.00   |
| 3    | Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]      | 163.14         | IS 5182 (Part 4) : 1999<br>Reaffirmed 2014 | -   |
| 4    | Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ] | 23.06          | CPCB Guidelines                            | 60.00   |
| 5    | Sulphur Dioxide [microgram/m <sup>3</sup> ]                         | 6.76           | IS 5182 (Part 2) : 2001<br>Reaffirmed 2012 | 80.00   |
| 6    | Particulate Matter (PM 10) [microgram/m <sup>3</sup> ]              | 70.7           | IS 5182 (Part 23)-2006<br>Reaffirmed 2012  | 100.00  |

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Purnan Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/1219)



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## TEST REPORT

Report No. : ST/486  
Job Identification. : ST389/18-19  
Date : 08-08-2018  
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 : Mines  
Type of Sample : Stack Emission Level  
Date of Sample Collection/Monitoring : 11-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 08-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Roatary Klin Stack


## RESULTS

| S.No | Parameters                               | Observed Value | Testing Protocol                          |
|------|--|----------------|---|
| 1    | Particulate matter [mg/Nm <sup>3</sup> ] | 33.79          | IS 11255 (Part 1):1985<br>Reaffirmed 2014 |

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Puran Malhotra  
Senior Analyst

  
Rajesh Mishra  
Authorized Signatory  
(Report No: ST/486)



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## TEST REPORT

Report No.: ST/487  
Job Identification.: ST390/18-19  
Date : 08-08-2018  
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 : Mines  
Type of Sample : Stack Emission Level  
Date of Sample Collection/Monitoring : 11-07-2018  
Date of Sample Receipt : 19-07-2018  
Date of Test : 19-07-2018 to 08-08-2018  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Coal Mil Stack

## RESULTS

| S.No | Parameters                               | Observed Value | Testing Protocol                          |
|------|--|----------------|---|
| 1    | Particulate matter [mg/Nm <sup>3</sup> ] | 11.85          | IS 11255 (Part 1):1985<br>Reaffirmed 2014 |

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Senior Analyst

  
Rajesh Maheshwari  
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(Report No: ST/487)