



# 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/1135  
 Job Identification. : 3283/17-18  
 Date : 18-08-2017  
 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 : 01-08-2017  
 Date of Sample Receipt : 05-08-2017  
 Date of Test : 05-08-2017 to 18-08-2017  
 Sample Collected By : Parsa Ram Kudl  
 Point of Collection : Near Staff Canteen front off CCR Building [25°19'010 N 074°32'496 E]

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	11.97	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	304.42	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	26.67	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.17	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	73.21	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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 Vogi*  
Puran Mal Vogi  
Senior Analyst

*Rajesh Maheshwan*  
Rajesh Maheshwan  
Authorized Signatory  
(Report No: A/1135)



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## TEST REPORT

Report No. : A/1133  
Job Identification. : 3281/17-18  
Date : 18-08-2017  
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 : 02-08-2017  
Date of Sample Receipt : 05-08-2017  
Date of Test : 05-08-2017 to 18-08-2017  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Near Tiranga House [25°18'975 N 074°32'306 E]

## 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> ]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.89	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	251.6	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	25.33	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.7	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	60.93	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Senior Analyst

Authorized Signatory  
(Report No: A/1133)



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## TEST REPORT

Report No. : A/1134  
Job Identification : 3282/17-18  
Date : 18-08-2017  
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 : 03-08-2017  
Date of Sample Receipt : 05-08-2017  
Date of Test : 05-08-2017 to 18-08-2017  
Sample Collected By : Parsa Ram Kudl  
Point of Collection : Near Switch Yard [25°19'456 N 074°32'568 E]

## 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> ]	390	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	13.66	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	271.73	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	30.59	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.72	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	81.65	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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*Puram Yogi*  
Puram Yogi  
Senior Analyst

*Rajesh Mohitwan*  
Rajesh Mohitwan  
Authorized Signatory  
(Report No: A/1134)



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## TEST REPORT

Report No. : A/1136  
Job Identification. : 3283A/17-18  
Date : 18-08-2017  
Issued To : M/S Jindal Saw Limited (Pellet Plant)  
Iron Ore Pellet Unit, Khasra No. 6711, 9697/6711 Village Pur P.O. Pur  
Tehsil Bhiwara  
District : Bhiwara- 311802 (Rajasthan)  
Type of Unit : Pellet unit  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 04-08-2017  
Date of Sample Receipt : 05-08-2017  
Date of Test : 05-08-2017 to 18-08-2017  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Near BFN Plant -B [25°19'172 N 074°32'385 E]

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	430	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.02	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	271	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	30.34	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.05	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	68.64	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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**Puran Mal Vogi**  
Senior Analyst

*Rajesh Maheshwan*  
**Rajesh Maheshwan**  
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(Report No: A/1136)