



# 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/2259  
 Job Identification. : ULR-TC502518400000597  
 Date : 28-11-2018  
 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 : 14-11-2018  
 Date of Sample Receipt : 21-11-2018  
 Date of Test : 21-11-2018 to 27-11-2018  
 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/m3]	270	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.17	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	262.07	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	44.63	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.17	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	79.87	IS 5182 (Part 23)-2006 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.

*malhi*  
**MALTI GARG**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: A/2259)



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## TEST REPORT

Report No. : A/2257  
 Job Identification. : ULR-TC502518400000595  
 Date : 28-11-2018  
 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 : 15-11-2018  
 Date of Sample Receipt : 21-11-2018  
 Date of Test : 21-11-2018 to 27-11-2018  
 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]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.3	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	252.3	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	30.67	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.56	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	80.4	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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**MALTI GARG**  
 Senior Analyst

  
**Rajesh Maheshwari**  
 Authorized Signatory  
 (Report No: A/2257)



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## TEST REPORT

Report No. : A/2258  
 Job Identification. : ULR-TC502518400000596  
 Date : 28-11-2018  
 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 : 15-11-2018  
 Date of Sample Receipt : 21-11-2018  
 Date of Test : 21-11-2018 to 27-11-2018  
 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]	360	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.59	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	284.13	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	31.69	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.79	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	73.97	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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*Malti*  
MALTI GARG  
Senior Analyst

*Rajesh*  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: A/2258)



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## TEST REPORT

Report No. : A/2260  
 Job Identification. : ULR-TC502518400000598  
 Date : 28-11-2018  
 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 : 14-11-2018  
 Date of Sample Receipt : 21-11-2018  
 Date of Test : 21-11-2018 to 27-11-2018  
 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/m3]	330	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.27	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	309.11	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	45.45	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.37	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	72.47	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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**MALVI GARG**  
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Job Identification. :

## TEST REPORT

ST/1007  
TC50251800000309

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E-mail : director@teamtesthouse.com

Date :

28-11-2018

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 Plant

Type of Sample :

Stack Emission Level

Date of Sample Collection/Monitoring :

16-11-2018

Date of Sample Receipt :

21-11-2018

Date of Test :

21-11-2018 to 28-11-2018

Sample Collected By :

Parsa ram

Point of Collection :

Rotary Klin Stack (25.318193\*N  
74.540203\*E)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm <sup>3</sup> ]	38.86	IS 11255 (Part 1):1985 Reaffirmed 2014

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*Malti*  
**MALTI GARG**  
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*Rajesh*  
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# TEAM TEST HOUSE

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TC-5025

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## TEST REPORT

Report No. : ST/1006  
 Job Identification. : ULR-TC502518500000310  
 Date : 28-11-2018  
 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 : 15-11-2018  
 Date of Sample Receipt : 21-11-2018  
 Date of Test : 21-11-2018 to 28-11-2018  
 Sample Collected By : Parsa Ram Kudi  
 Point of Collection : Coal Mill Stack


## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm <sup>3</sup> ]	39.37	IS 11255 (Part 1):1985 Reaffirmed 2014

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**MALTI GARG**  
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 (Report No: ST/1006)