



# 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/3165
Job Identification. :	ULR-TC502519400000077
Date :	14-02-2019
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 :	04-01-2019
Date of Sample Receipt :	10-01-2019
Date of Test :	10-01-2019 to 14-02-2019
Sample Collected By :	Sitaram jangid
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]	320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.55	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	252.96	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	38.63	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.31	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	83.56	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.

*Balram*  
Senior Analyst

*Rajesh Maheshwan*  
Authorized Signatory  
(Report No: A/3165)



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## TEST REPORT

Report No. :	A/3163
Job Identification. :	ULR-TC502519400000075
Date :	14-02-2019
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 :	Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring :	05-01-2019
Date of Sample Receipt :	10-01-2019
Date of Test :	10-01-2019 to 14-02-2019
Sample Collected By :	Sitaram jangid
Point of Collection :	Tiranga House [25°18'975N 74°32'306 E]

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.51	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	260.3	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	48.2	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.08	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	76.98	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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*Balram*  
**Balram Agarwal**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwar**  
Authorized Signatory  
(Report No: A/3163)



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## TEST REPORT

Report No. :	A/3164
Job Identification. :	ULR-TC502519400000076
Date :	14-02-2019
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 :	04-01-2019
Date of Sample Receipt :	10-01-2019
Date of Test :	10-01-2019 to 14-02-2019
Sample Collected By :	Sitaram jangid
Point of Collection :	Switch Yard Station [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/m3]	340	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.06	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	269.86	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	48.13	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.3	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	85.76	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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*Balram*  
**Balram Agarwal**  
Senior Analyst

*Raj*  
**Rajesh Maheshwan**  
Authorized Signatory  
(Report No: A/3164)



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## TEST REPORT

Report No. :	A/3166
Job Identification. :	ULR-TC502519400000078
Date :	14-02-2019
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 :	05-01-2019
Date of Sample Receipt :	10-01-2019
Date of Test :	10-01-2019 to 14-02-2019
Sample Collected By :	Sitaram jangid
Point of Collection :	BFN Plant B [25*19'172N 74*32'385E]

## 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]	12.05	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	273.97	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	45.96	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.68	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	61.93	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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*Balram*  
**Balram Agarwal**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: A/3166)



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## TEST REPORT

Report No. : ST/1406  
Job Identification. : J-P1  
Date : 14-02-2019  
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 Plant  
Type of Sample : Stack Emission Level  
Date of Sample Collection/Monitoring : 05-01-2019  
Date of Sample Receipt : 10-01-2019  
Date of Test : 10-01-2019 to 16-01-2019  
Sample Collected By : Parsa Ram Kudi  
Point of Collection : Rotary Klin Stack [74°32.411'E 25°19.112'N]

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm <sup>3</sup> ]	25.24	IS 11255 (Part 1):1985 Reaffirmed 2014

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Puran Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: ST/1406)



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**TEST REPORT**

Report No. : ST/1406  
Job Identification. : J-P2  
Date : 14-02-2019  
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 : 05-01-2019  
Date of Sample Receipt : 10-01-2019  
Date of Test : 10-01-2019 to 16-01-2019  
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> ]	29.84	IS 11255 (Part 1):1985 Reaffirmed 2014

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**Balram Agarwal**  
Senior Analyst

  
**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: ST/1406)