



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./ULR No. :	TC502519400001073F	Date :	10-05-2019
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 :	10-04-2019
Point of Collection :	Near Staff Canteen [25°19'00" N 74°32'30" E]	Date of Receipt :	16-04-2019
Date of Test/Analysis :	16-04-2019 to 25-04-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Parsa Ram Kudi
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.77	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	243.1	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	26.04	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.1	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	78.05	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puran Mali
Puran Mali Yogi
Senior Analyst

Rajesh Maheshwan
Rajesh Maheshwan
Authorized Signatory

(Report No: TC502519400001073F)



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TEST REPORT

Report No./ULR No. :	TC502519400001071F	Date :	10-05-2019
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 :	10-04-2019
Point of Collection :	Tiranga House [25°18'57" N 74°32'18" E]	Date of Receipt :	16-04-2019
Date of Test/Analysis :	16-04-2019 to 25-04-2019	Point of Collection :	Tiranga House [25°18'57" N 74°32'18" E]
Quantity of Sample :	N/A	Sample Collected By :	Parsa Ram Kudi
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	240	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	13.69	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	265.46	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	26.07	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.17	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	71.4	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Mai Jogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: TC502519400001071F)



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TEST REPORT

Report No./ULR No.:	TC502519400001072F	Date :	10-05-2019
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 :	10-04-2019
Point of Collection :	Switch Yard Station [25°19'27" N 74°32'36" E]	Date of Receipt :	16-04-2019
Date of Test/Analysis :	16-04-2019 to 25-04-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Parse Ram Kudi
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.97	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	336.93	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	29.92	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.84	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	76.32	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Mal Yogi
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TEST REPORT

Report No./ULR No. :	TC502519400001074F	Date :	10-05-2019
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 :	10-04-2019
Point of Collection :	Near BFN Plant B [74°32'21"N 25°19'10"E]	Date of Receipt :	16-04-2019
Date of Test/Analysis :	16-04-2019 to 25-04-2019	Point of Collection :	Near BFN Plant B [74°32'21"N 25°19'10"E]
Quantity of Sample :	N/A	Sample Collected By :	Parsa Ram Kudi
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	17.45	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	277.38	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	37.17	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.38	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	89.92	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Senior Analyst


Rajesh Maheshwari
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TEST REPORT

Report No./ULR No. :	TC502519500000530F	Date :	17-05-2019
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 :	11-04-2019
Point of Collection :	Rotry Kiln Stack [74°32'24"E 25°19'06"N]	Date of Receipt :	16-04-2019
Date of Test/Analysis :	16-04-2019 to 25-04-2019	Sampling plane	IS-11255 Part-3 :2008
Quantity of Sample :	N/A	Sample Collected By :	Parsa Ram Kudi
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm ³]	36.70	IS 11255 (Part 1):1985 Reaffirmed 2014

Notes :-

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TEST REPORT

Report No./ULR No. :	TC502519500000529F	Date :	10-05-2019
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 :	11-04-2019
Point of Collection :	Coal Mill Stack [74°32'18"E 25°19'07"N]	Date of Receipt :	16-04-2019
Date of Test/Analysis :	16-04-2019 to 25-04-2019	Point of Collection :	Coal Mill Stack [74°32'18"E 25°19'07"N]
Quantity of Sample :	N/A	Sample Collected By :	Parsa Ram Kudi
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Particulate matter [mg/Nm ³]	28.44	IS 11255 (Part 1):1985 Reaffirmed 2014

Notes :-

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Puran Mayya
Senior Analyst

Raj Maheshwari
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(Report No: TC502519500000529F)