



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

Office : E-65, Chitranjan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2173533, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : teamtest@rediffmail.com

TEST REPORT


Report No : A/306
Date : 21/05/2014
Job Identification : 322
Issued to : M/s. Jindal Saw Limited
Dhedwas Iron Ore Copper & Associated Minerals
Mines Araj No. 9697/6711 Near Tiranga Hills
Village Pur Tehsil & District – Bhilwara – 311802 (Raj.)
Type of Unit : Pellet Unit
Collected/Monitored by : Mr. Kishan Kumar Sharma
Date of Sample Collection : 25/04/2014
Date of Sample Receipt : 27/04/2014
Date of Test : 27/04/2014 to 30/04/2014
Duration of Sampling : 24 Hours
Type of Monitoring/Sampling : **Ambient Air Quality Monitoring**
Point of Collection : **Coal Pulversior Area Nr. Nitrogen Plant**
Sampling Instrument : Respirable Dust Sampler APM 460 BL & Fine Particulate
Sampler APM 550
Testing Protocol : As per CPCB Guidelines

RESULTS

S. No	Parameters	Observed Value	Limits as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	91.03	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	45.96	60
3.	Sulphur Dioxide as SO ₂ (µg/m ³)	8.86	80
4.	Oxides of Nitrogen as NO ₂ (µg/m ³)	13.93	80
5.	Carbon Monoxide as CO (mg/m ³)	0.35	04
6.	Suspended Particulate Matter (SPM) µg/m ³	453.7	-

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Rajesh Maheshwari
Technical Manager


Kavita Mathur
Quality Manager
(Report No: A /306)



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

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2173533, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : teamtest@rediffmail.com

TEST REPORT


Report No : A/302
Date : 21/05/2014
Job Identification : 305
Issued to : M/s. Jindal Saw Limited
Dhedwas Iron Ore Copper & Associated Minerals
Mines Araji No. 9697/6711 Near Tiranga Hills
Village Pur Tehsil & District – Bhilwara – 311802 (Raj.)
Type of Unit : Pellet Unit
Collected/Monitored by : Mr. Kishan Kumar Sharma
Date of Sample Collection : 26/04/2014
Date of Sample Receipt : 27/04/2014
Date of Test : 27/04/2014 to 30/04/2014
Duration of Sampling : 24 Hours
Type of Monitoring/Sampling : Ambient Air Quality Monitoring
Point of Collection : Switch Yard Area
Sampling Instrument : Respirable Dust Sampler APM 460 BL & Fine Particulate Sampler APM 550
Testing Protocol : As per CPCB Guidelines


RESULTS

S. No	Parameters	Observed Value	Limits as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	81.02	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	29.99	60
3.	Sulphur Dioxide as SO ₂ (µg/m ³)	8.27	80
4.	Oxides of Nitrogen as NO ₂ (µg/m ³)	17.85	80
5.	Carbon Monoxide as CO (mg/m ³)	0.33	04
6.	Suspended Particulate Matter (SPM) µg/m ³	409.97	-

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Rajesh Maheshwari
Technical Manager


Kavita Mathur
Quality Manager
(Report No: A /302)



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

Office : E-65, Chitranjan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2173533, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : teamtest@rediffmail.com

TEST REPORT


Report No : **A/305**
Date : 21/05/2014
Job Identification : 321
Issued to : M/s. Jindal Saw Limited
Dhedwas Iron Ore Copper & Associated Minerals
Mines Arajji No. 9697/6711 Near Tiranga Hills
Village Pur Tehsil & District – Bhilwara – 311802 (Raj.)
Type of Unit : Pellet Unit
Collected/Monitored by : Mr. Kishan Kumar Sharma
Date of Sample Collection : 25/04/2014
Date of Sample Receipt : 27/04/2014
Date of Test : 27/04/2014 to 30/04/2014
Duration of Sampling : 24 Hours
Type of Monitoring/Sampling : **Ambient Air Quality Monitoring**
Point of Collection : **Near Mine Workshop (CIL Camp)**
Sampling Instrument : Respirable Dust Sampler APM 460 BL & Fine Particulate
Sampler APM 550
Testing Protocol : As per CPCB Guidelines


RESULTS

S. No	Parameters	Observed Value	Limits as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	87.69	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	39.57	60
3.	Sulphur Dioxide as SO ₂ (µg/m ³)	7.8	80
4.	Oxides of Nitrogen as NO ₂ (µg/m ³)	15.08	80
5.	Carbon Monoxide as CO (mg/m ³)	0.31	04
6.	Suspended Particulate Matter (SPM) µg/m ³	414.93	-

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Rajesh Maheshwari
Technical Manager


Kavita Mathur
Quality Manager
(Report No: A /305)



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

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2173533, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : teamtest@rediffmail.com

TEST REPORT


Report No : A/303
Job Identification : 306
Date : 21/05/2014
Issued to : M/s. Jindal Saw Limited
Dhedwas Iron Ore Copper & Associated Minerals
Mines Arajai No, 9697/6711, Near Tiranga Hills,
Village Pur, Tehsil & District – Bhilwara, Rajasthan.
Type of Unit : Pellet Unit
Date of Sample Collection : 25/04/2014
Date of Sample Receipt : 27/04/2014
Date of Test : 27/04/2014 to 30/04/2014
Duration of Sampling/Monitoring : 30 Minutes
Type of Stack : RCC
Stack Identification : **Rotary Kiln ESP Stack**
Sampling Instrument : Vayubodhan Stack Monitoring Kit VSS 1
Testing Protocol : As per CPCB Guideline
Monitored/Collected By : Mr. Kishan Kumar Sharma


RESULTS

S. No	Parameter	Units	Observed Value
1.	Particulate Matter	mg/Nm ³	30.4
2.	Oxides of Nitrogen as NO _x	mg/Nm ³	120.4
3.	Sulphur dioxide as SO ₂	mg/Nm ³	66.2

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Rajesh Maheshwari
Technical Manager


Kavita Mathur
Quality Manager
(Report No: A/303)



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

Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2173533, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : teamtest@rediffmail.com

TEST REPORT

Report No : A/304
Date : 21/05/2014
Issued to : M/s. Jindal Saw Limited
Dhedwas Iron Ore Copper & Associated Minerals
Mines Arajai No, 9697/6711, Near Tiranga Hills,
Village Pur, Tehsil & District – Bhilwara, Rajasthan.
Type of Unit : Pellet unit
Date of Monitoring : 25/04/2014
Date of Sample Receipt : 27/04/2014
Date of Test : 27/04/2014 to 28/04/2014
Sample Collected by : Mr. Kishan Kumar Sharma
Type of Monitoring : Ambient Noise Monitoring
Instrument Used : Noise Level meter

RESULTS

Sr. No.	Point Of Monitoring	Type of Area	Observed value [Leq dB (A)] Day Time	Observed value [Leq dB (A)] Night Time
1.	Near Proportioning Building	Industrial Area	59.4	51.7
2.	CCR Building	Industrial Area	58.9	48.5
3.	Near D.G. Set	Industrial Area	53.8	46.7
4.	Near Cooler Area	Industrial Area	58.4	44.5
5.	Near T.G. Building	Industrial Area	60.2	52.7
6.	Stacker Area	Industrial Area	64.5	55.2
7.	Near Nitrogen Plant	Industrial Area	56.8	47.6
8.	Near LDO Tank	Industrial Area	61.7	53.2
9.	Balling Disc Building	Industrial Area	63.5	54.6
10.	Near Bentonite Building	Industrial Area	57.9	49.5

Standard Limits [in dB (A)] Leq:

Category of Area/ Zone	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Rajesh Maheshwari
Technical Manager

Kavita Mathur
Quality Manager



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

Office : E-65, Chitranjan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2173533, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : teamtest@rediffmail.com

TEST REPORT


Report No : **A/301**
Date : 21/05/2014
Job Identification : 304
Issued to : M/s. Jindal Saw Limited
Dhedwas Iron Ore Copper & Associated Minerals
Mines Araji No. 9697/6711 Near Tiranga Hills
Village Pur Tehsil & District – Bhilwara – 311802 (Raj.)
Type of Unit : Pellet Unit
Collected/Monitored by : Mr. Kishan Kumar Sharma
Date of Sample Collection : 26/04/2014
Date of Sample Receipt : 27/04/2014
Date of Test : 27/04/2014 to 30/04/2014
Duration of Sampling : 24 Hours
Type of Monitoring/Sampling : **Ambient Air Quality Monitoring**
Point of Collection : **CCR Building Near Overhead Water Tank**
Sampling Instrument : Respirable Dust Sampler APM 460 BL & Fine Particulate
Sampler APM 550
Testing Protocol : As per CPCB Guidelines


RESULTS

S. No	Parameters	Observed Value	Limits as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	89.95	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	46.19	60
3.	Sulphur Dioxide as SO ₂ (µg/m ³)	8.74	80
4.	Oxides of Nitrogen as NO ₂ (µg/m ³)	17.58	80
5.	Carbon Monoxide as CO (mg/m ³)	0.31	04
6.	Suspended Particulate Matter (SPM) µg/m ³	401.9	-

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. 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.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Rajesh Maheshwari
Technical Manager


Kavita Mathur
Quality Manager
(Report No: A/301)