



# 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/1127  
Job Identification. : 1602  
Date : 01-08-2014  
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 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 09-07-2014  
Date of Sample Receipt : 14-07-2014  
Date of Test : 14-07-2014 to 01-08-2014  
Sample Collected By : Satyendra Kumar Sharma  
Point of Collection : Near Suras Pit (Mining Face)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m3]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.03	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	282.66	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	46.45	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.43	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	78.93	IS 5182 (Part 23)	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.

  
(Rajesh Maheshwari)  
Technical Manager

  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1127)



# 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/1126  
Job Identification. : 1601  
Date : 01-08-2014  
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 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 09-07-2014  
Date of Sample Receipt : 14-07-2014  
Date of Test : 14-07-2014 to 01-08-2014  
Sample Collected By : Satyendra Kumar Sharma  
Point of Collection : Samodi village

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m <sup>3</sup> ]	180	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	15.18	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	274.39	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	35.97	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.97	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	66.28	IS 5182 (Part 23)	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.

(Rajesh Maheshwari)  
Technical Manager

(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1126)



# 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/1128  
Job Identification. : 1603  
Date : 01-08-2014  
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 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 09-07-2014  
Date of Sample Receipt : 14-07-2014  
Date of Test : 14-07-2014 to 01-08-2014  
Sample Collected By : Satyendra Kumar Sharma  
Point of Collection : Dhulkhera Village (Prabhu Lal Carpenter)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m <sup>3</sup> ]	150	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	14.3	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	254.4	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	30.44	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.54	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	75.75	IS 5182 (Part 23)	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.

  
(Rajesh Maheshwari)  
Technical Manager

  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1128)



# 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/1125  
Job Identification. : 1600  
Date : 01-08-2014  
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 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 09-07-2014  
Date of Sample Receipt : 14-07-2014  
Date of Test : 14-07-2014 to 01-08-2014  
Sample Collected By : Satyendra Kumar Sharma  
Point of Collection : Tiranga Pit (Mining Face)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m3]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.58	IS 5182 (Part 6) : 2006	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	32.06	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m3]	7.18	IS 5182 (Part 2) : 2001	80.00
5	Particulate Matter (PM 10) [microgram/m3]	78.18	IS 5182 (Part 23)	100.00
6	Suspended Particulate Matter (SPM) [microgram/m3]	313.95	IS 5182 (Part 4) : 1999	-

### 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.

  
(Rajesh Maheshwari)  
Technical Manager

  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1125)



# 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/1131  
Job Identification. : 1902  
Date : 01-08-2014  
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 - 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 22-07-2014  
Date of Sample Receipt : 30-07-2014  
Date of Test : 30-07-2014 to 01-08-2014  
Sample Collected By : Kishan Kumar Sharma  
Point of Collection : Suras *pit*

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m <sup>3</sup> ]	180	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	13.81	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	341.02	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	38.7	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	7.73	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	86.76	IS 5182 (Part 23)	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.

*Rajesh*

(Rajesh Maheshwari)  
Technical Manager

*Kavita*

(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1131)



# 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/1132  
Job Identification. : 1903  
Date : 01-08-2014  
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 - 311802 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 22-07-2014  
Date of Sample Receipt : 30-07-2014  
Date of Test : 30-07-2014 to 01-08-2014  
Sample Collected By : Kishan Kumar Sharma  
Point of Collection : Samodi village

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m <sup>3</sup> ]	170	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	12.02	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	245.9	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	27.33	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.97	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	62.02	IS 5182 (Part 23)	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.

*Rajesh*

(Rajesh Maheshwari)  
Technical Manager

*Mathur*

(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1132)



# 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

OHASAS 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/1129  
Job Identification : 1900  
Date : 01-08-2014  
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 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 22-07-2014  
Date of Sample Receipt : 30-07-2014  
Date of Test : 30-07-2014 to 01-08-2014  
Sample Collected By : Kishan Kumar Sharma  
Point of Collection : Tiranga Pit (Mining Face)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m <sup>3</sup> ]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	15.63	IS 5182 (Part 6) : 2006	80.00
3	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	34.88	CPCB Guidelines	60.00
4	Sulphur Dioxide [microgram/m <sup>3</sup> ]	8.42	IS 5182 (Part 2) : 2001	80.00
5	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	74.52	IS 5182 (Part 23)	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.

  
(Rajesh Maheshwari)  
Technical Manager

  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1129)



# 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/1130  
Job Identification. : 1901  
Date : 01-08-2014  
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 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 23-07-2014  
Date of Sample Receipt : 30-07-2014  
Date of Test : 30-07-2014 to 01-08-2014  
Sample Collected By : Kishan Kumar Sharma  
Point of Collection : Dhulkhera Village (Prabhu Lal Carpenter)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [Micro Gram/m3]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.57	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	249.17	IS 5182 (Part 4) : 1999	
4	Particulate Matter (PM2.5) [microgram/m3]	30.25	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.66	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	70.49	IS 5182 (Part 23)	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.

  
(Rajesh Maheshwari)  
Technical Manager

  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1130)