



# 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,  
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Website : [www.teamtesthouse.com](http://www.teamtesthouse.com)

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## TEST REPORT

Report No. :

A/1489

Job Identification. :

2451

Date :

08-09-2014

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 :

28-08-2014

Date of Sample Receipt :

30-08-2014

Date of Test :

30-08-2014 to 08-09-2014

Sample Collected By :

Darwesh Kumar

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 [microgram/m3]	160	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	8.21	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	128.79	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	17.86	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.05	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	44.34	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/1489)



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Website : [www.teamtesthouse.com](http://www.teamtesthouse.com)

Report No

Job Identification

Date :

Issued To :

Type of Unit :

Type of Sample :

Date of Sample Collection/Monitoring :

Date of Sample Receipt :

Date of Test :

Sample Collected By :

Point of Collection :

## TEST REPORT

A/1488

2450

08-09-2014

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)

Mines

Ambient Air Quality Monitoring

28-08-2014

30-08-2014

30-08-2014 to 08-09-2014

puran mal yogi

Samodi village

Lab.: G1-584, Sitapura Industrial Area

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E-mail : [teamtesthouse@gmail.com](mailto:teamtesthouse@gmail.com)

E-mail : [teamtest@rediffmail.com](mailto:teamtest@rediffmail.com)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	170	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	9.66	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	135.65	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	19.53	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.9	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	41.43	IS 5182 (Part 23)	100.00

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*Rajesh*

(Rajesh Maheshwari)

Technical Manager

*Kavita Mathur*

(Kavita Mathur)

Authorized Signatory

(Report No: A/1488)



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Phone : 0141-273533, 2771865

Website : www.teamtesthouse.com

Date :

Issued To :

Type of Unit :

Type of Sample :

Date of Sample Collection/Monitoring :

Date of Sample Receipt :

Date of Test :

Sample Collected By :

Point of Collection :

## TEST REPORT

A/1487

2449

08-09-2014

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)

Mines

Ambient Air Quality Monitoring

28-08-2014

30-08-2014

30-08-2014 to 08-09-2014

Satyendra Kumar Sharma

Near Suras Pit (Mining Face)

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

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m <sup>3</sup> ]	290	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	11.1	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	167.4	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	23.26	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.14	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	46.21	IS 5182 (Part 23)	100.00

Notes :-

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*Rajesh*

(Rajesh Maheshwari)  
Technical Manager

*Kavita Mathur*

(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1487)



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## TEST REPORT

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Job Identification :

Date :

Issued To :

A/1486

2448

08-09-2014

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 (Rajasthan)

Mines

Type of Unit :

Type of Sample :

Date of Sample Collection/Monitoring :

Date of Sample Receipt :

Date of Test :

Sample Collected By :

Point of Collection :

Ambient Air Quality Monitoring

28-08-2014

30-08-2014

30-08-2014 to 08-09-2014

Satyendra Kumar Sharma

Tiranga Pit (Mining Face)

## 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 NO <sub>2</sub> [microgram/m3]	10.65	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	204.93	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m3]	22.08	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.24	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m3]	50.15	IS 5182 (Part 23)	100.00

Notes :-

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*Rajesh*

(Rajesh Maheshwari)

Technical Manager

*Kavita Mathur*

(Kavita Mathur)

Authorized Signatory

(Report No: A/1486)



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Website : [www.teamtesthouse.com](http://www.teamtesthouse.com)

Date :

Issued To :

Type of Unit :

Type of Sample :

Date of Sample Collection/Monitoring :

Date of Sample Receipt :

Date of Test :

Sample Collected By :

Point of Collection :

## TEST REPORT

A/1485

2165

08-09-2014

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)

Mines

Ambient Air Quality Monitoring

14-08-2014

16-08-2014

16-08-2014 to 08-09-2014

Kishan Kumar Sharma

Dhulkhera Village (Prabhu Lal Carpenter)

Lab.: G1-584, Sitapura Industrial Area

Tonk Road, JAIPUR-302022 Raj.

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## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	7.29	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	134.27	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	22.84	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.17	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	37.48	IS 5182 (Part 23)	100.00

Notes :-

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*Rajesh*

(Rajesh Maheshwari)  
Technical Manager

*Kavita Mathur*

(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1485)



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## TEST REPORT

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Report No. : A/1484  
Job Identification. : 2164  
Date : 08-09-2014  
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 (Rajasthan)  
Type of Unit : Mines  
Type of Sample : Ambient Air Quality Monitoring  
Date of Sample Collection/Monitoring : 14-08-2014  
Date of Sample Receipt : 16-08-2014  
Date of Test : 16-08-2014 to 08-09-2014  
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 [microgram/m <sup>3</sup> ]	150	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO <sub>2</sub> [microgram/m <sup>3</sup> ]	11.35	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m <sup>3</sup> ]	159.49	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM <sub>2.5</sub> ) [microgram/m <sup>3</sup> ]	22	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m <sup>3</sup> ]	6.98	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM <sub>10</sub> ) [microgram/m <sup>3</sup> ]	38.57	IS 5182 (Part 23)	100.00

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(Rajesh Maheshwari)  
Technical Manager

  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1484)



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## TEST REPORT

Job Identification : 2163  
Date : 08-09-2014  
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 : 14-08-2014  
Date of Sample Receipt : 16-08-2014  
Date of Test : 16-08-2014 to 08-09-2014  
Sample Collected By : Kishan 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 [microgram/m3]	160	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.23	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	157.93	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	26.33	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.74	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	45.52	IS 5182 (Part 23)	100.00

### Notes :-

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*Rajesh*

(Rajesh Maheshwari)  
Technical Manager

*Kavita Mathur*  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1483)



# TEAM TEST HOUSE

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## TEST REPORT

Job Identification. : A/1482  
Date : 2162  
Issued To : 08-09-2014  
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)  
Mines  
Type of Unit : Ambient Air Quality Monitoring  
Type of Sample :  
Date of Sample Collection/Monitoring : 14-08-2014  
Date of Sample Receipt : 16-08-2014  
Date of Test : 16-08-2014 to 08-09-2014  
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 [microgram/m3]	180	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.16	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	169.54	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2 5) [microgram/m3]	21.28	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.07	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	57.08	IS 5182 (Part 23)	100.00

Notes :-

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Technical Manager

*Kavita Mathur*  
(Kavita Mathur)  
Authorized Signatory  
(Report No: A/1482)