



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 : 0141-2369980, 2771865
Report No. teamtesthouse.com
Website: www.teamtesthouse.com

TEST REPORT

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

Job Identification. : 1470/16-17
Date : 16-06-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 13-05-2016
Date of Sample Receipt : 21-05-2016
Date of Test : 21-05-2016 to 14-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Tiranga Pit (Mining Area)


RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.43	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	368.4	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	34.9	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.38	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	82.47	IS 5182 (Part 23)	100.00

Notes :-

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Puran Meji Yogi
Senior Analyst


Rejesh Mahapatra
Authorized Signatory
(Report No: A/540)



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Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

Job Identification. :

A/541

Date :

1471/16-17

Issued To :

16-06-2016

M/S Jindal Saw Limited (Dhedwas Mines)

Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara

District-Bhilwara 311802 (Rajasthan)

Type of Unit :

Mines

Type of Sample :

Ambient Air Quality Monitoring

Date of Sample Collection/Monitoring : 13-05-2016

Date of Sample Receipt : 21-05-2016

Date of Test :

21-05-2016 to 14-06-2016

Sample Collected By :

Darwesh Kumar

Point of Collection :

Dhulkhera Pit

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	14.22	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	258.82	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	25.04	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.79	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	71.59	IS 5182 (Part 23)	100.00

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Purajog
Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Mahestwan
Authorized Signatory
(Report No: A/541)



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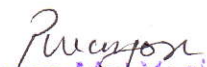
Report No. : A/542
Job Identification : 1472/16-17
Date : 16-06-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 13-05-2016
Date of Sample Receipt : 21-05-2016
Date of Test : 21-05-2016 to 14-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Pit Near Dhaba

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	10.51	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	287.28	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.73	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.58	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	73.1	IS 5182 (Part 23)	100.00

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Purnima Kaur
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/542)



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Ph.: 94602-22039, 94602-22049
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Job Identification. :

A/543

Date :

1473/16-17

16-06-2016

Issued To :

M/S Jindal Saw Limited (Dhedwas Mines)

Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.

9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara

District-Bhilwara 311802 (Rajasthan)

Type of Unit :

Mines

Type of Sample :

Ambient Air Quality Monitoring

Date of Sample Collection/Monitoring : 14-05-2016

Date of Sample Receipt : 21-05-2016

Date of Test : 21-05-2016 to 14-06-2016

Sample Collected By :

Darwesh Kumar

Point of Collection :


Samodi Village Roof of Shri Bheru Lal Jahir

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 NO2 [microgram/m3]	10.45	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	325.33	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	30.14	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.16	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	71.95	IS 5182 (Part 23)	100.00

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Purnan Maheshwari
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/543)



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TEST REPORT

Report No: A/549
Job Identification : 1941
Date: 16/06/2016
Issued to: M/s Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines
Araji No.6711,9696/6711, Near Tiranga Hills
Village : Pur, District Bhilwara 311802 (Rajasthan)

Type of Unit: Mines
Type of Monitoring: Ambient Air Quality Monitoring
Date of Sample Collection/ Monitoring: 23/05/2016
Date of Receipt: 28/05/2016
Date of Test: 28/05/2016 to 14/06/2016
Sample Collected By: Darwesh Kumar
Point of Collection: Dhulkhera Village Roof of Shri Ratan Lal Mali


RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [microgram/m ³]	280	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m ³]	16.74	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m ³]	314.62	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM2.5) [microgram/m ³]	32.56	CPCB Guidelines	60.00
5.	Sulphur Dioxide [microgram/m ³]	7.64	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM10) [microgram/m ³]	84.7	IS 5182 (Part 23)	100.00

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Purnan Maheshwari
Senior Analyst


Rajesh Maheshwari
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E-mail : director@teamtesthouse.com

TEST REPORT


Report No: A/550
Job Identification : 1942
Date: 16/06/2016
Issued to: M/s Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines
Araji No.6711,9696/6711, Near Tiranga Hills
Village : Pur, District Bhilwara 311802 (Rajasthan)
Mines
Type of Unit: Ambient Air Quality Monitoring
Type of Monitoring: Ambient Air Quality Monitoring
Date of Sample Collection/ Monitoring: 23/05/2016
Date of Receipt: 28/05/2016
Date of Test: 28/05/2016 to 14/06/2016
Sample Collected By: Darwesh Kumar
Point of Collection: Village Samodi (Shri Bheru Lal Jahir)

RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [microgram/m ³]	280	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m ³]	16.47	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m ³]	278.36	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM2.5) [microgram/m ³]	32.56	CPCB Guidelines	60.00
5.	Sulphur Dioxide [microgram/m ³]	7.05	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM10) [microgram/m ³]	76.39	IS 5182 (Part 23)	100.00

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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No A/550)



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TEST REPORT

Report No: A/551
Job Identification : 1943
Date: 16/06/2016
Issued to: M/s Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines
Araji No.6711,9696/6711, Near Tiranga Hills Village :
Pur, District Bhilwara 311802 (Rajasthan)


Type of Unit: Mines
Type of Monitoring: Ambient Air Quality Monitoring
Date of Sample Collection/ Monitoring: 24/05/2016
Date of Receipt: 28/05/2016
Date of Test: 28/05/2016 to 14/06/2016
Sample Collected By: Darwesh Kumar
Point of Collection: Suras Pit Near Dhaba

RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [microgram/m ³]	270	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [microgram/m ³]	15.67	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [microgram/m ³]	274.36	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM2.5) [microgram/m ³]	28.17	CPCB Guidelines	60.00
5.	Sulphur Dioxide [microgram/m ³]	7.69	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM10) [microgram/m ³]	76.38	IS 5182 (Part 23)	100.00

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Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No A/551)



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TEST REPORT

Report No: A/552
Job Identification : 1944
Date: 16/06/2016
Issued to: M/s Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines
Araji No.6711,9696/6711, Near Tiranga Hills Village :
Pur, District Bhilwara 311802 (Rajasthan)
Type of Unit: Mines
Type of Monitoring: Ambient Air Quality Monitoring
Date of Sample Collection/ Monitoring: 24/05/2016
Date of Receipt: 28/05/2016
Date of Test: 28/05/2016 to 14/06/2016
Sample Collected By: Darwesh Kumar
Point of Collection: Tiranga Pit (Mining Area)

RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1.	Carbon Monoxide [$\mu\text{g}/\text{m}^3$]	350	IS 5182 (Part 10) : 1999	4000
2.	Nitrogen Dioxide [$\mu\text{g}/\text{m}^3$]	19.87	IS 5182 (Part 6) : 2006	80.00
3.	Suspended Particulate Matter (SPM) [$\mu\text{g}/\text{m}^3$]	347.52	IS 5182 (Part 4) : 1999	500
4.	Particulate Matter (PM _{2.5}) [$\mu\text{g}/\text{m}^3$]	35.67	CPCB Guidelines	60.00
5.	Sulphur Dioxide [$\mu\text{g}/\text{m}^3$]	9.85	IS 5182 (Part 2) : 2001	80.00
6.	Particulate Matter (PM ₁₀) [$\mu\text{g}/\text{m}^3$]	87.91	IS 5182 (Part 23)	100.00

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Purnan Mal Yogi
Senior Analyst


Rajesh Maheshwari
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(Report No A/552)