



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

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ISO 9001:2008

OHSAS 18001:2007

JDA/UDH

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TEST REPORT

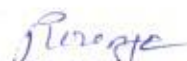
Report No. : A/2104
Job Identification. : 6643/17-18
Date : 24-11-2017
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 13-11-2017
Date of Sample Receipt : 17-11-2017
Date of Test : 17-11-2017 to 24-11-2017
Sample Collected By : Parsa Ram Kudi
Point of Collection : Near Tiranga Pit [25°19.528" N 074°32.327"E]

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.49	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	320.36	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	34.42	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.85	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	81.15	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Puran Mal Yogi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: A/2104)



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TC-5025

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TEST REPORT

Report No. :	A/2105
Job Identification. :	6644/17-18
Date :	24-11-2017
Issued To :	M/S Jindal Saw Limited (Dhedwas Mines)
Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring :	14-11-2017
Date of Sample Receipt :	17-11-2017
Date of Test :	17-11-2017 to 24-11-2017
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Dhulkhera Pit [25°23'50.9"N 74°35'02.5"E]

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	370	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	19.15	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	290.46	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	34.52	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	9.46	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
	Particulate Matter (PM 10) [microgram/m3]	84.66	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yagi
Puran Mal Yagi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: A/2105)



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TEST REPORT

Report No. : A/2106
 Job Identification. : 6645/17-18
 Date : 24-11-2017
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Arajai 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 : 15-11-2017
 Date of Sample Receipt : 17-11-2017
 Date of Test : 17-11-2017 to 24-11-2017
 Sample Collected By : Parsa Ram Kudi
 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 [microgram/m3]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	17.91	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	267.35	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	34.15	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.34	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
	Particulate Matter (PM 10) [microgram/m3]	83	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puranga
 Puran Mal Yogi
 Senior Analyst

Rajesh
 Rajesh Maheshwan

Authorized Signatory
 (Report No: A/2106)



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TEST REPORT

Report No. : A/2238
Job Identification. : 7046/17-18
Date : 08-12-2017
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 : 28-11-2017
Date of Sample Receipt : 02-12-2017
Date of Test : 02-12-2017 to 07-12-2017
Sample Collected By : Parsa Ram Kudi
Point of Collection : Near Tiranga Pit [25°19'528" N 074°32'327"E]

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	370	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.78	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	301.99	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	42.47	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.39	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	79.07	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Mal Vogi
Senior Analyst


Rajesh Mishra
Authorized Signatory
(Report No: A/2238)



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TEST REPORT

Report No. : A/2239
Job Identification. : 7047/17-18
Date : 08-12-2017
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 : 28-11-2017
Date of Sample Receipt : 02-12-2017
Date of Test : 02-12-2017 to 07-12-2017
Sample Collected By : Parsa Ram Kudi
Point of Collection : Dhulkhera Pit [25°23'50.9"N 74°35'02.5"E]

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.83	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	283.39	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	34.93	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.18	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	80.46	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Purasi Moh Yogi
Senior Analyst


Rajesh Maheshwari
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TEST REPORT

Report No. : A/2240
Job Identification. : 7048/17-18
Date : 08-12-2017
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 : 28-11-2017
Date of Sample Receipt : 02-12-2017
Date of Test : 02-12-2017 to 07-12-2017
Sample Collected By : Parsa Ram Kudi
Point of Collection : Samodi Village [25°20'53.4"N 74°32'47.7"E]

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	13.45	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	257.54	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	26.49	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.45	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	76.48	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Purni Mal Yogi
Senior Analyst


Rajesh Maheshwari
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(Report No: A/2240)



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TEST REPORT

Report No. : A/2241
Job Identification. : 7049/17-18
Date : 08-12-2017
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 : 29-11-2017
Date of Sample Receipt : 02-12-2017
Date of Test : 02-12-2017 to 07-12-2017
Sample Collected By : Parsa Ram Kudi
Point of Collection : Near Suras Pit

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 as NO ₂ [microgram/m ³]	14.59	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	289.46	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	33.5	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.74	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	86.69	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Purandhar Mal Yogi
Purandhar Mal Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
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(Report No: A/2241)