



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

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Ph.: 94602-22039, 94602-22049
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TEST REPORT

Report No. :	A/3173
Job Identification. :	ULR-TC502519400000334
Date :	15-02-2019
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 :	01-02-2019
Date of Sample Receipt :	07-02-2019
Date of Test :	07-02-2019 to 14-02-2019
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Near Tiranga Pit

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.59	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	238.42	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	43.09	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.06	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	77.23	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Bairam
Bairam Agarwal
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: A/3173)



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TEST REPORT

Report No. :	A/3176
Job Identification. :	ULR-TC502519400000337
Date :	15-02-2019
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 :	02-02-2019
Date of Sample Receipt :	07-02-2019
Date of Test :	07-02-2019 to 15-02-2019
Sample Collected By :	Parsa Ram Kudi
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/m3]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	18.18	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	293.95	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	41.21	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.45	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	74.93	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Balram
Balram Agarwal
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Raj
Rajesh Maheshwari
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TEST REPORT

Report No. : A/3175
Job Identification. : ULR-TC502519400000336
Date : 15-02-2019
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 : 03-02-2019
Date of Sample Receipt : 07-02-2019
Date of Test : 07-02-2019 to 15-02-2019
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]	330	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.76	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	310.21	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	34.54	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.79	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	84.78	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Balram Agarwal
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Rajesh
Rajesh Maheshwari
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TEST REPORT

Report No. :	A/3174
Job Identification. :	ULR-TC502519400000335
Date :	15-02-2019
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 :	03-02-2019
Date of Sample Receipt :	07-02-2019
Date of Test :	07-02-2019 to 15-02-2019
Sample Collected By :	Parsa Ram Kudi
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/m3]	320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	16.44	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	330.51	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.7	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.89	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	78.57	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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TEST REPORT

Report No. :	A/3421
Job Identification. :	ULR-TC502519400000572
Date :	13-03-2019
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 :	27-02-2019
Date of Sample Receipt :	01-03-2019
Date of Test :	01-03-2019 to 13-03-2019
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Near Tiranga Pit (74°32'20"N, 25°19'32"E)

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]	11.96	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	262.78	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	43.45	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	3.85	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	75.75	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: A/3421)



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TEST REPORT

Report No. :	A/3424
Job Identification. :	ULR-TC502519400000575
Date :	13-03-2019
Issued To :	M/S Jindal Saw Limited (Dhedwas Mines)
	Dhedwas Iron Ore Copper & Associated Minerals Mines Araji 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 :	26-02-2019
Date of Sample Receipt :	01-03-2019
Date of Test :	01-03-2019 to 13-03-2019
Sample Collected By :	Parsa Ram Kudi
Point of Collection :	Samodi Village [74°33'05"N 25°20'47"E]

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	17.13	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	227.34	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.81	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.16	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	79.03	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Purnan Maheshwari
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/3424)



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TEST REPORT

Report No. : A/3423
Job Identification. : ULR-TC502519400000574
Date : 13-03-2019
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 : 26-02-2019
Date of Sample Receipt : 01-03-2019
Date of Test : 01-03-2019 to 13-03-2019
Sample Collected By : Parsa Ram Kudi
Point of Collection : Suras Pit (74°34'10"N,25°23'24"E)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.66	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	214.5	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	30.4	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	3.59	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.53	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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TEST REPORT

Report No. : A/3422
Job Identification. : ULR-TC502519400000573
Date : 14-03-2019
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 : 27-02-2019
Date of Sample Receipt : 01-03-2019
Date of Test : 01-03-2019 to 13-03-2019
Sample Collected By : Parsa Ram Kudi
Point of Collection : Dhulkhera Pit (74°34'31"N, 25°23'37"E)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.27	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	247.21	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	42.43	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	3.54	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	83.82	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

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Puran Mal Yogi
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