



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

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JDA/UDH

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TEST REPORT

Report No. : A/5054
Job Identification. : 10359
Date : 02-03-2016
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 : 12-02-2016
Date of Sample Receipt : 17-02-2016
Date of Test : 17-02-2016 to 02-03-2016
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]	270	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	13.61	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	212.02	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	27.53	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.42	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	66.72	IS 5182 (Part 23)	100.00

Notes :-

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Puranjoti
Senior Analyst


Raju
Authorized Signatory
(Report No: A/5054)



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TEST REPORT

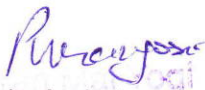
Report No. : A/5053
Job Identification. : 10358
Date : 02-03-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 12-02-2016
Date of Sample Receipt : 17-02-2016
Date of Test : 17-02-2016 to 02-03-2016
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/m ³]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.45	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	188.48	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	26.32	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.57	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	64.53	IS 5182 (Part 23)	100.00

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Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: A/5053)



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TEST REPORT

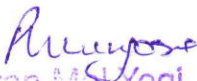
Report No. : A/5052
Job Identification. : 10356
Date : 02-03-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 12-02-2016
Date of Sample Receipt : 17-02-2016
Date of Test : 17-02-2016 to 02-03-2016
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]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	14.54	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	265.83	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	27.39	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.86	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	78.89	IS 5182 (Part 23)	100.00

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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/5052)



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TEST REPORT

Report No. : A/5051
Job Identification. : 10355
Date : 02-03-2016
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 : 12-02-2016
Date of Sample Receipt : 17-02-2016
Date of Test : 17-02-2016 to 02-03-2016
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/m ³]	430	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.9	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	279.79	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	23.44	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.75	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	70.97	IS 5182 (Part 23)	100.00

Notes :-

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Puran Mah Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/5051)



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TEST REPORT

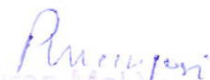
Report No. : A/5063
Job Identification. : 11025
Date : 03-03-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 26-02-2016
Date of Sample Receipt : 29-02-2016
Date of Test : 29-02-2016 to 03-03-2016
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]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.71	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	241.94	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM2.5) [microgram/m3]	25.75	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.91	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	60.73	IS 5182 (Part 23)	100.00

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Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/5063)



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TEST REPORT

Report No. : A/5062
Job Identification. : 11024
Date : 03-03-2016
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 : 25-02-2016
Date of Sample Receipt : 29-02-2016
Date of Test : 29-02-2016 to 03-03-2016
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]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.22	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	257.38	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	29.88	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.77	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	69.69	IS 5182 (Part 23)	100.00

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Anujoshi
Puran Mal Yogi
Senior Analyst

Rajm
Rajesh Manesriwari
Authorized Signatory
(Report No: A/5062)



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TEST REPORT

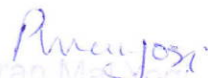
Report No. : A/5061
Job Identification. : 11023
Date : 03-03-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 25-02-2016
Date of Sample Receipt : 29-02-2016
Date of Test : 29-02-2016 to 03-03-2016
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/m3]	350	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m3]	14.78	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	260.56	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m3]	26.67	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	7.31	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m3]	79.51	IS 5182 (Part 23)	100.00

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Anurag Joshi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/5061)



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TEST REPORT

Report No. : A/5060
Job Identification. : 11022
Date : 03-03-2016
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 : 28-02-2016
Date of Sample Receipt : 29-02-2016
Date of Test : 29-02-2016 to 03-03-2016
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/m ³]	420	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	20.09	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	274.18	IS 5182 (Part 4) : 1999	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	29.86	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	10.92	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	80.13	IS 5182 (Part 23)	100.00

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Puran MakYogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/5060)