



TEST REPORT



VIBRANT

"Experience the unimaginable"

Sample Number : VTL/AA/05

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05), Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401120006/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°19'25" & 74°32'4"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/01/2024 To 10/01/2024
Time of Monitoring : 10:00 to 10:00 Hrs.
Ambient Temperature (°C) : Min. 11°C Max. 18°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	83.46	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	42.15	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	22.27	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	11.10	µg/m ³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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TEST REPORT

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Sample Number : VTL/AA/05

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401120006/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°19'25" & 74°32'4"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/01/2024 To 10/01/2024
Time of Monitoring : 10:00 to 10:00 Hrs.
Ambient Temperature (°C) : Min. 11°C Max. 18°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.83	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	210.0	µg/m ³	--

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End of Report

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Sample Number : VTL/AA/08

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

TEST REPORT



TC-11227

Report No. : VTL/A/2401120009/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°21'3" & 74°32'52"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/01/2024 To 11/01/2024
Time of Monitoring : 11:30 to 11:30 Hrs.
Ambient Temperature (°C) : Min. 07°C Max. 20°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	69.72	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	31.25	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.42	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.78	µg/m³	80

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Sample Number : VTL/AA/08

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401120009/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°21'3" & 74°32'52"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/01/2024 To 11/01/2024
Time of Monitoring : 11:30 to 11:30 Hrs.
Ambient Temperature (°C) : Min. 07°C Max. 20°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.75	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	186.0	µg/m ³	--

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Sample Number: VTL/AA/06

TEST REPORT



TC-11227

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.-: 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401120007/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : **AMBIENT AIR QUALITY MONITORING**

General Information:-

Sampling Location : Dhulkhera Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°23'32" & 74°34'26"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/01/2024 To 11/01/2024
Time of Monitoring : 10:50 to 10:50 Hrs.
Ambient Temperature (°C) : Min. 07°C Max. 20°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	80.75	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	39.86	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	21.34	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.89	µg/m³	80

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TEST REPORT

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Sample Number : VTL/AA/06

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401120007/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dhulkhera Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°23'32" & 74°34'26"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/01/2024 To 11/01/2024
Time of Monitoring : 10:50 to 10:50 Hrs.
Ambient Temperature (°C) : Min. 07°C Max. 20°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.79	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	202.0	µg/m ³	--

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Sample Number : VTL/AA/07

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05),Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

TEST REPORT



TC-11227

Report No. : VTL/A/2401120008/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Suras Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'24" & 74°34'11"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/01/2024 To 11/01/2024
Time of Monitoring : 10:30 to 10:30 Hrs.
Ambient Temperature (°C) : Min. 07°C Max. 20°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	78.96	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	38.45	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	20.12	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.91	µg/m ³	80

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TEST REPORT

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Sample Number : VTL/AA/07

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401120008/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/01/2024
Period of Analysis : 12/01/2024-20/01/2024
Receipt Date : 12/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Suras Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'24" & 74°34'11"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/01/2024 To 11/01/2024
Time of Monitoring : 10:30 to 10:30 Hrs.
Ambient Temperature (°C) : Min. 07°C Max. 20°C
Surrounding Activity : Human, Vehicular & Other Activities
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.68	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	198.0	µg/m ³	--

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End of Report

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Sample Number: VTL/AA/03

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

TEST REPORT



TC-11227

Report No. : VTL/A/2401280011/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 03/02/2024
Period of Analysis : 28/01/2024-03/02/2024
Receipt Date : 28/01/2024

Sample Description : **AMBIENT AIR QUALITY MONITORING**

General Information:-

Sampling Location : Tiranga Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/07
Coordinates : 25°19'24" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 11:00 TO 11:00 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	77.85	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	37.18	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	20.10	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.32	µg/m³	80

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End of Report

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Sample Number : VTL/AA/03

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401280011/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 03/02/2024
Period of Analysis : 28/01/2024-03/02/2024
Receipt Date : 28/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/07
Coordinates : 25°19'24" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 11:00 TO 11:00 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.81	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	165.1	µg/m ³	--

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Sample Number : VTL/AA/04

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05),Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

TEST REPORT



TC-11227

Report No. : VTL/A/2401280012/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 03/02/2024
Period of Analysis : 28/01/2024-03/02/2024
Receipt Date : 28/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°21'3" & 74°32'52"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 12:00 TO 12:00 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	69.21	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	30.47	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	16.10	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.25	µg/m ³	80

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Name & Address of the Party : M/S Jindal Saw Ltd.
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Receipt Date : 28/01/2024

Sample Description : **AMBIENT AIR QUALITY MONITORING**

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°21'3" & 74°32'52"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 12:00 TO 12:00 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.72	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	141.81	µg/m ³	--

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End of Report

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VIBRANT

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Sample Number : VTL/AA/01

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05),Near Tiranga Hill, Village-Pur, Tehsil & District- Bhilwara Rajasthan

TEST REPORT



TC-11227

Report No. : VTL/A/2401280009/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 03/02/2024
Period of Analysis : 28/01/2024-03/02/2024
Receipt Date : 28/01/2024

Sample Description : **AMBIENT AIR QUALITY MONITORING**

General Information:-

Sampling Location : Suras Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'24" & 74°34'11"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 10:00 TO 10:00 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	79.24	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	41.52	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	21.02	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.16	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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RK Yadav
Lab Incharge
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Vibrant Techno Lab Pvt. Ltd.

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TEST REPORT

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Sample Number : VTL/AA/01

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05), Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401280009/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 03/02/2024
Period of Analysis : 28/01/2024-03/02/2024
Receipt Date : 28/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Suras Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'24" & 74°34'11"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 10:00 TO 10:00 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.73	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	177.31	µg/m ³	--

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Authorized Signatory



VIBRANT

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Sample Number : VTL/AA/02

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

TEST REPORT



TC-11227

Report No. : VTL/A/2401280010/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 03/02/2024
Period of Analysis : 28/01/2024-03/02/2024
Receipt Date : 28/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dhulkhera Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°23'32" & 74°34'25"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 10:30 TO 10:30 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	75.32	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	38.98	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.46	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	11.30	µg/m ³	80

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TEST REPORT

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Sample Number : VTL/AA/02

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2401280010/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 03/02/2024
Period of Analysis : 28/01/2024-03/02/2024
Receipt Date : 28/01/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dhulkhera Pit
Sample Collected By : VTL Team
Sampling Equipment used : RDS/FPS
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°23'32" & 74°34'25"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/01/2024 To 27/01/2024
Time of Monitoring : 10:30 TO 10:30 Hrs.
Ambient Temperature (°C) : Min. 10°C Max. 25°C
Surrounding Activity : Human, Vehicular & Other Act.
Scope of Monitoring : Regulatory Requirement
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.78	mg/m ³	4
2	Suspended Particulate Matter (as SPM)	IS:5182 (P- 4) :1999, RA.2014	161.55	µg/m ³	--

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