



VIBRANT

Sample Number : VTL/AA/01



TC-16019

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TEST REPORT

Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2505130001/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 22/05/2025
Period of Analysis : 13/05/2025-22/05/2025
Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dhulera Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'32" & 74°34'25"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/05/2025 To 10/05/2025
Time of Monitoring : 09:00 TO 09:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 39°C
Surrounding Activity : Human, Vehicular & Mining Act.
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 2022	81.98	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	41.77	µg/m ³	60
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P- 6)-2006 RA 2022	22.40	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P- 2) : Sec 1 : 2023	14.54	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.89	mg/m ³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	430.67	µg/m ³	--

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

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

Plot No. Q-39, Shringarpura, Narayan Vihar Q,
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VIBRANT

Sample Number : VTL/AA/05



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TEST REPORT

Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2505130002/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 22/05/2025
Period of Analysis : 13/05/2025-22/05/2025
Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga House
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'32" & 74°34'25"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/05/2025 To 11/05/2025
Time of Monitoring : 09:30 TO 09:30 Hrs.
Ambient Temperature (°C) : Min. 26°C Max. 40°C
Surrounding Activity : Human, Vehicular & Mining Act.
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 2022	72.77	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	39.83	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	24.24	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	13.409	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.86	mg/m³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	352.74	µg/m³	--

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Sample Number : VTL/AA/02

Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
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TEST REPORT

Report No. : VTL/A/2505130003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 22/05/2025
Period of Analysis : 13/05/2025-22/05/2025
Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/05/2025 To 10/05/2025
Time of Monitoring : 09:30 TO 09:30 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 39°C
Surrounding Activity : Human, Vehicular & Mining Act.
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 2022	79.48	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	37.45	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	22.82	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	13.69	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.88	mg/m³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	380.06	µg/m³	--

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VIBRANT

Sample Number : VTL/AA/06



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TEST REPORT

Name & Address of the Party : M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Report No. : VTL/A/2505130004/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 22/05/2025
Period of Analysis : 13/05/2025-22/05/2025
Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Switch Yard
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°19'28" & 74°32'36"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/05/2025 To 11/05/2025
Time of Monitoring : 09:30 TO 09:30 Hrs.
Ambient Temperature (°C) : Min. 26°C Max. 40°C
Surrounding Activity : Human, Vehicular & Mining Act.
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 2022	72.83	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	34.60	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	21.02	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	10.62	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.76	mg/m³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	332.06	µg/m³	--

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End of Report



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VIBRANT

Sample Number : VTL/AA/03



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TEST REPORT

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/2505130005/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 22/05/2025
Period of Analysis : 13/05/2025-22/05/2025
Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Suras Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°23'24" & 74°34'12"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/05/2025 To 10/05/2025
Time of Monitoring : 10:00 TO 10:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 39°C
Surrounding Activity : Human, Vehicular & Mining Act.
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 2022	81.07	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	42.19	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	19.50	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	15.41	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.94	mg/m ³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	459.12	µg/m ³	--

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End of Report



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TEST REPORT

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/2505130006/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 22/05/2025
Period of Analysis : 13/05/2025-22/05/2025
Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Nr. Staff Canteen Front off CCR Building
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°18'60" & 74°32'30"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/05/2025 To 11/05/2025
Time of Monitoring : 10:00 TO 10:00 Hrs.
Ambient Temperature (°C) : Min. 26°C Max. 40°C
Surrounding Activity : Human, Vehicular & Mining Act.
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 2022	78.28	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	37.82	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	19.76	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	13.28	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.81	mg/m ³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	329.95	µg/m ³	--

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End of Report



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TEST REPORT

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

Report No. : VTL/A/2505130007/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 22/05/2025

Period of Analysis : 13/05/2025-22/05/2025

Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/04
Coordinates : 25°21'2" & 74°32'52"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/05/2025 To 10/05/2025
Time of Monitoring : 10:30 TO 10:30 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 39°C
Surrounding Activity : Human, Vehicular & Mining Act.
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 2022	63.94	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	27.90	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	17.83	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	11.76	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.62	mg/m ³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	319.59	µg/m ³	--

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

End of Report



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TEST REPORT

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/2505130008/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 22/05/2025

Period of Analysis : 13/05/2025-22/05/2025

Receipt Date : 13/05/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Mineral Benfication
 Sample Collected By : VTL Team
 Instrument Code : VTL/RDS/FPS/04
 Coordinates : 25°19'10" & 74°32'22"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 10/05/2025 To 11/05/2025
 Time of Monitoring : 11:00 TO 11:00 Hrs.
 Ambient Temperature (°C) : Min. 26°C Max. 40°C
 Surrounding Activity : Human, Vehicular & Mining Act.
 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 2022	72.96	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	34.87	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	12.55	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	14.32	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.73	mg/m³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	353.96	µg/m³	--

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End of Report



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