



## Test Report

Page No. 1/1

Sample Number : VEL/AP/01

Name & Address of the Party : M/s Jindal Saw Limited (Lampiya Mine)  
Araji No-9697/6711, Near Tiranga Hills, District-  
Bhilwara-311802 (Raj)

Report No. : VEL/AP/2408121013

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 23/08/2024

Period of Analysis : 12/08/2024-17/08/2024

Receipt Date : 12/08/2024

ULR No. : TC629924200005148F

Name of Sample : Ambient Air  
Sample Group : Atmospheric Pollution

### General Information

Sampling Location : Village-Kamalपुरा  
Sample Collected By : VEL Representative (Mr. Deepak)  
Sampling Equipment used : RDS/FPS  
Instrument Code : VEL/RDS/16 & FPS/23  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 09/08/2024 To 10/08/2024  
Time of Monitoring : 11:25 AM To 11:25 AM  
Ambient Temperature (°C) : Min.25°C, Max.31°C  
Surrounding Activity : Human, Vehicular & Others Activities  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS: 5182 & CPCB Guidelines  
Sampling Duration : 24.0 Hours  
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Results	Units	Limits as per NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM <sub>2.5</sub> )	IS 5182 (P-24) : 2019	36.67	µg/m <sup>3</sup>	60
2	Particulate Matter as (PM <sub>10</sub> )	IS 5182 (P-23):2006	57.77	µg/m <sup>3</sup>	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999	146.27	µg/m <sup>3</sup>	Not Specified
4	Nitrogen Dioxide as (NO <sub>2</sub> )	IS 5182 (P-6) : 2006	16.32	µg/m <sup>3</sup>	80
5	Sulphur Dioxide as (SO <sub>2</sub> )	IS 5182 (P-2) : 2001	8.87	µg/m <sup>3</sup>	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10):1999	0.56	mg/m <sup>3</sup>	4

Note - # indicates 1 hour monitoring of CO.

\*\*\*End of Report\*\*\*

Reviewed By



Authorized Signatory



### Terms & Conditions

- The results reported relate only to the samples tested. In case sample is not drawn the results apply to the sample as received.
- This test report in full or in part, shall not be reproduced in any court of law without prior written approval of the laboratory.
- To confirm the authenticity of this certificate of analysis, please contact us through email at lab@vardan.co.in
- Laboratory is not responsible for the authenticity of photocopied test report. The test samples will be retained only for specific period
- The report no. with Suffix A-Amended Report.
- This test report will not be used for publicity or advertising or media purpose without prior written permission on the laboratory.
- Giving opinions does not imply endorsement of the tested sample by the lab. Under no circumstances, the lab accepts any liability caused by the use or misuse of the test report.



www.vardan.co.in



## Test Report

Page No. 1/1

Sample Number : VEL/AP/02

Name & Address of the Party : M/s Jindal Saw Limited (Lampiya Mine)  
Araji No-9697/6711, Near Tiranga Hills, District-  
Bhilwara-311802 (Raj)

Name of Sample : Ambient Air  
Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2408121014  
Format No : 7.8 F-03  
Party Reference No : By Mail  
Reporting Date : 23/08/2024  
Period of Analysis : 12/08/2024-17/08/2024  
Receipt Date : 12/08/2024  
ULR No. : TC629924200005149F

### General Information

Sampling Location : Village-Lampiya  
Sample Collected By : VEL Representative (Mr. Deepak)  
Sampling Equipment used : RDS/FPS  
Instrument Code : VEL/RDS/23 & FPS/31  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 09/08/2024 To 10/08/2024  
Time of Monitoring : 11:51 AM To 11:51 AM  
Ambient Temperature (°C) : Min.25°C, Max.31°C  
Surrounding Activity : Human, Vehicular & Others Activities  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS: 5182 & CPCB Guidelines  
Sampling Duration : 24.0 Hours  
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Results	Units	Limits as per NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	37.46	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	58.52	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999	153.88	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	17.72	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	9.32	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10):1999	0.61	mg/m3	4

Note - # indicates 1 hour monitoring of CO.

\*\*\*End of Report\*\*\*

Reviewed By



### Terms & Conditions

- The results reported relate only to the samples tested. In case sample is not drawn the results apply to the sample as received.
- This test report in full or in part, shall not be reproduced in any court of law without prior written approval of the laboratory.
- To confirm the authenticity of this certificate of analysis, please contact us through email at lab@vardan.co.in
- Laboratory is not responsible for the authenticity of photocopied test report. The test samples will be retained only for specific period
- The report no. with Suffix A-Amended Report.
- This test report will not be used for publicity or advertising or media purpose without prior written permission on the laboratory.
- Giving opinions does not imply endorsement of the tested sample by the lab. Under no circumstances, the lab accepts any liability caused by the use or misuse of the test report.



www.vardan.co.in





## Test Report

Page No. 1/1

Sample Number : VEL/AP/03  
Name & Address of the Party : M/s Jindal Saw Limited (Lampiya Mine)  
Araji No-9697/6711, Near Tiranga Hills, District-  
Bhilwara-311802 (Raj)

Report No. : VEL/AP/2408121015  
Format No : 7.8 F-03  
Party Reference No : By Mail  
Reporting Date : 23/08/2024  
Period of Analysis : 12/08/2024-17/08/2024  
Receipt Date : 12/08/2024  
ULR No. : TC629924200005150F

Name of Sample : Ambient Air  
Sample Group : Atmospheric Pollution

### General Information

Sampling Location : Village- Jaliya  
Sample Collected By : VEL Representative (Mr. Deepak)  
Sampling Equipment used : RDS/FPS  
Instrument Code : VEL/RDS/25 & FPS/16  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 09/08/2024 To 10/08/2024  
Time of Monitoring : 12:20 PM To 12:20 PM  
Ambient Temperature (°C) : Min.25°C, Max.31°C  
Surrounding Activity : Human, Vehicular & Others Activities  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS: 5182 & CPCB Guidelines  
Sampling Duration : 24.0 Hours  
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Results	Units	Limits as per NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM <sub>2.5</sub> )	IS 5182 (P-24) : 2019	38.12	µg/m <sup>3</sup>	60
2	Particulate Matter as (PM <sub>10</sub> )	IS 5182 (P-23):2006	52.42	µg/m <sup>3</sup>	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999	142.05	µg/m <sup>3</sup>	Not Specified
4	Nitrogen Dioxide as (NO <sub>2</sub> )	IS 5182 (P-6) : 2006	17.93	µg/m <sup>3</sup>	80
5	Sulphur Dioxide as (SO <sub>2</sub> )	IS 5182 (P-2) : 2001	8.04	µg/m <sup>3</sup>	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10):1999	0.58	mg/m <sup>3</sup>	4

Note - # indicates 1 hour monitoring of CO.

\*\*\*End of Report\*\*\*

Reviewed By

23/08/2024

Authorized Signatory

### Terms & Conditions

- The results reported relate only to the samples tested. In case sample is not drawn the results apply to the sample as received.
- This test report in full or in part, shall not be reproduced in any court of law without prior written approval of the laboratory.
- To confirm the authenticity of this certificate of analysis, please contact us through email at lab@vardan.co.in
- Laboratory is not responsible for the authenticity of photocopied test report. The test samples will be retained only for specific period
- The report no. with Suffix A-Amended Report.
- This test report will not be used for publicity or advertising or media purpose without prior written permission on the laboratory.
- Giving opinions does not imply endorsement of the tested sample by the lab. Under no circumstances, the lab accepts any liability caused by the use or misuse of the test report.



www.vardan.co.in



## Test Report

Page No. 1/1

Sample Number : VEL/AP/04

Name & Address of the Party : M/s Jindal Saw Limited (Lampiya Mine)  
Araji No-9697/6711, Near Tiranga Hills, District-  
Bhilwara-311802 (Raj)

Report No. : VEL/AP/2408121016

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 23/08/2024

Period of Analysis : 12/08/2024-17/08/2024

Receipt Date : 12/08/2024

ULR No. : TC629924200005151F

Name of Sample : Ambient Air  
Sample Group : Atmospheric Pollution

### General Information

Sampling Location : Village- Davpura  
Sample Collected By : VEL Representative (Mr. Deepak)  
Sampling Equipment used : RDS/FPS  
Instrument Code : VEL/RDS/27 & FPS/32  
Instrument Calibration Status : Calibrated  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 09/08/2024 To 10/08/2024  
Time of Monitoring : 12:45 PM To 12:45 PM  
Ambient Temperature (°C) : Min.25°C, Max.31°C  
Surrounding Activity : Human, Vehicular & Others Activities  
Scope of Monitoring : Regulatory Requirement  
Sampling & Analysis Protocol : IS: 5182 & CPCB Guidelines  
Sampling Duration : 24.0 Hours  
Parameter Required : As per work order

S.No.	Test Parameters	Test Method	Results	Units	Limits as per NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	37.10	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	54.34	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999	151.77	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	18.54	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	10.83	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10):1999	0.57	mg/m3	4

Note - # indicates 1 hour monitoring of CO.

\*\*\*End of Report\*\*\*

Reviewed By

  
23/08/2024

Authorized Signatory

  
Prateep Singh

### Terms & Conditions

- The results reported relate only to the samples tested. In case sample is not drawn the results apply to the sample as received.
- This test report in full or in part, shall not be reproduced in any court of law without prior written approval of the laboratory.
- To confirm the authenticity of this certificate of analysis, please contact us through email at lab@vardan.co.in
- Laboratory is not responsible for the authenticity of photocopied test report. The test samples will be retained only for specific period
- The report no. with Suffix A-Amended Report.
- This test report will not be used for publicity or advertising or media purpose without prior written permission on the laboratory.
- Giving opinions does not imply endorsement of the tested sample by the lab. Under no circumstances, the lab accepts any liability caused by the use or misuse of the test report.

www.vardan.co.in