



Test Report

Sample Number : VEL/AP/02
Name & Address of the Party : M/s Jindal Saw Limited (Lampiya Mine)
 Araj No-9697/6711, Near Tiranga Hills, District-
 Bhilwara-311802 (Raj)
Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2510091097
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 16/10/2025
Period of Analysis : 09/10/2025-14/10/2025
Receipt Date : 09/10/2025
ULR No. : TC629925200011154F

General Information
Sampling Location : Village- Lampiya
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/07 & FPS/07
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/10/2025 To 09/10/2025
Time of Monitoring : 10:45 AM To 10:45 AM
Ambient Temperature (°C) : Min.18°C, Max.31°C
Surrounding Activity : Human & Vehicular 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	55.75	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	88.53	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	228.28	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.22	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	16.34	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999		mg/m3	4

#-Indicates 1 hour monitoring of CO.

End of Report

Reviewed By

Kumari
 16/10/25

 Dr. Technical Manager

Dr. Shiv
 Araksh
 Singh
 Authorized Signatory

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (HR)
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TC-6299

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/2510091096
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 16/10/2025
Period of Analysis : 09/10/2025-14/10/2025
Receipt Date : 09/10/2025
ULR No. : TC629925200011153F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village- Kamalpura
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/06 & FPS/06
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/10/2025 To 09/10/2025
Time of Monitoring : 10:20 AM To 10:20 AM
Ambient Temperature (°C) : Min.18°C, Max.31°C
Surrounding Activity : Human & Vehicular 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	44.58	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	86.31	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	218.64	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.37	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	13.97	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.68	mg/m3	4

#Indicates 1 hour monitoring of CO.

End of Report

Reviewed By

Sandeep Kumar
Dr. Technical Manager

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Dr. Shiv Prakash Singh
Authorized Signatory

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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/2510091099
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 16/10/2025
Period of Analysis : 09/10/2025-14/10/2025
Receipt Date : 09/10/2025
ULR No. : TC629925200011156F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village-Davpura
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/09 & FPS/09
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/10/2025 To 09/10/2025
Time of Monitoring : 11:55 AM To 11:55 AM
Ambient Temperature (°C) : Min.18°C, Max.31°C
Surrounding Activity : Human & Vehicular 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	56.33	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	81.83	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	235.58	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	18.84	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	14.59	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.68	mg/m3	4

#-Indicates 1 hour monitoring of CO.

End of Report

Reviewed By


Kamlesh Kumar
16/10/25
De-Technical Manager
VARDAN ENVIROGLAB LLP


Dr. Shiv
Authorised Signatory
16/10/25
VARDAN ENVIROGLAB LLP
Authorised Signatory

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Test Report

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/2510091098
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 16/10/2025
Period of Analysis : 09/10/2025-14/10/2025
Receipt Date : 09/10/2025
ULR No. : TC629925200011155F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village- Jaliya
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/08 & FPS/08
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/10/2025 To 09/10/2025
Time of Monitoring : 11:20 AM To 11:20 AM
Ambient Temperature (°C) : Min.18°C, Max.31°C
Surrounding Activity : Human & Vehicular 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	51.00	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	85.72	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	231.72	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	20.43	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	18.19	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.69	mg/m3	4

#-Indicates 1 hour monitoring of CO.

End of Report

Reviewed By

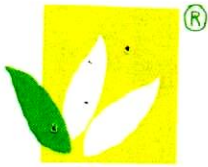
16/10/2025
Omendra Kumar
Dy. Technical Manager

16/10/2025
Dr. Shiv Prakash Singh
Authorized Signatory

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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)

Report No. : VEL/AP/2510251002
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 29/10/2025
Period of Analysis : 25/10/2025-28/10/2025
Receipt Date : 25/10/2025
ULR No. : TC629925200011528F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village- Lampiya
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/04 & FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 24/10/2025 To 25/10/2025
Time of Monitoring : 11:50 AM To 11:50 AM
Ambient Temperature (°C) : Min.15°C, Max.32°C
Surrounding Activity : Human & Vehicular 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	48.20	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	86.78	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	217.03	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.96	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	16.66	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.69	mg/m3	4

#Indicates 1 hour monitoring of CO

End of Report

Reviewed By

[Signature]
29/10/25
VARDAN ENVIROLAB LLP
Dr. Technical Manager

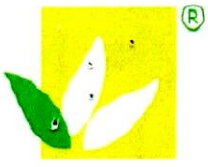
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Test Report

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)
Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2510251001
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 29/10/2025
Period of Analysis : 25/10/2025-28/10/2025
Receipt Date : 25/10/2025
ULR No. : TC629925200011527F

General Information

Sampling Location : Village- Kamaipura
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/03 & FPS/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 24/10/2025 To 25/10/2025
Time of Monitoring : 11:30 AM To 11:30 AM
Ambient Temperature (°C) : Min.15°C, Max.32°C
Surrounding Activity : Human & Vehicular 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	44.33	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	80.86	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	211.98	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.22	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	13.27	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.68	mg/m3	4

#-Indicates 1 hour monitoring of CO

End of Report

Reviewed By

[Signature]
29/10/25
DEVENDRA NUNER
Technical Manager
VARDAN ENVIROLAB LLP
GURGAON

Authorized Signatory

[Signature]
Prakash Singh
VARDAN ENVIROLAB LLP
GURGAON

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Test Report

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)
 Name of Sample : Ambient Air
 Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2510251004
 Format No : 7.8 F-03
 Party Reference No : By Mail
 Reporting Date : 29/10/2025
 Period of Analysis : 25/10/2025-28/10/2025
 Receipt Date : 25/10/2025
 ULR No. : TC629925200011530F

General Information

Sampling Location : Village-Devpura
 Sample Collected By : VEL Representative (Mr. Kamlesh)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/INS/ENV/RDS/06 & FPS/06
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 24/10/2025 To 25/10/2025
 Time of Monitoring : 12:40 PM To 12:40 PM
 Ambient Temperature (°C) : Min.15°C, Max.32°C
 Surrounding Activity : Human & Vehicular 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	49.25	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	86.91	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	212.48	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	18.79	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	14.71	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.68	mg/m3	4

#-Indicates 1 hour monitoring of CO

End of Report

Reviewed By

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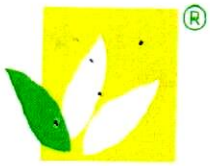
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[Signature]
 29/10/2025
 Dr. Dnyanendra Kumar
 Chy. Technical Manager
 VARDAN ENVIROLAB LLP

[Signature]
 Authorized Signatory
 P. Singh
 VARDAN ENVIROLAB LLP

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TC-6299

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/2510251003
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 29/10/2025
Period of Analysis : 25/10/2025-28/10/2025
Receipt Date : 25/10/2025
ULR No. : TC629925200011529F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village-Jaliya
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/05 & FPS/05
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 24/10/2025 To 25/10/2025
Time of Monitoring : 12:15 PM To 12:15 PM
Ambient Temperature (°C) : Min.15°C, Max.32°C
Surrounding Activity : Human & Vehicular 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	46.50	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	85.22	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	214.77	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.25	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	17.14	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.67	mg/m3	4

#-Indicates 1 hour monitoring of CO

End of Report

Reviewed By

29/10/2025
Dr. Technical Manager

Authorized Signatory

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