



Test Report

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/2511061001
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 11/11/2025
Period of Analysis : 06/11/2025-10/11/2025
Receipt Date : 06/11/2025
ULR No. : TC629925200012037F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village-Devpura
Sample Collected By : VEL Representative (Mr. Kamlesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/RDS/01 & FPS/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 04/11/2025 To 05/11/2025
Time of Monitoring : 03:10 PM To 03:10 PM
Ambient Temperature (°C) : Min.15°C, Max.30°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	55.00	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	81.74	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	203.91	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.31	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	14.75	µg/m3	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.66	mg/m3	4

#-Indicates 1 hour monitoring of CO

End of Report

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Test Report

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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/2511061002
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 11/11/2025
Period of Analysis : 06/11/2025-10/11/2025
Receipt Date : 06/11/2025
ULR No. : TC629925200012038F

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/02 & FPS/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 04/11/2025 To 05/11/2025
Time of Monitoring : 03:40 PM To 03:40 PM
Ambient Temperature (°C) : Min.15°C, Max.30°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	51.20	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	82.03	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	210.09	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.97	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	16.03	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.

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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/2511061003
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 11/11/2025
Period of Analysis : 06/11/2025-10/11/2025
Receipt Date : 06/11/2025
ULR No. : TC629925200012039F

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/03 & FPS/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 04/11/2025 To 05/11/2025
Time of Monitoring : 04:05 PM To 04:05 PM
Ambient Temperature (°C) : Min. 15°C, Max. 30°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/m ³	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	88.22	µg/m ³	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	216.29	µg/m ³	Not Specified
4	Nitrogen Dioxide as (NO ₂)	IS 5182 (P-6) : 2006,RA:2022	18.34	µg/m ³	80
5	Sulphur Dioxide as (SO ₂)	IS 5182 (P-2) : RA:2023	17.00	µg/m ³	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.69	mg/m ³	4

#-Indicates 1 hour monitoring of CO

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Test Report

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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-
Bhiwara-311802 (Raj)

Report No. : VEL/AP/2511061004
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 11/11/2025
Period of Analysis : 06/11/2025-10/11/2025
Receipt Date : 06/11/2025
ULR No. : TC629925200012040F

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/04 & FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 04/11/2025 To 05/11/2025
Time of Monitoring : 04:30 PM To 04:30 PM
Ambient Temperature (°C) : Min.15°C, Max.30°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	51.75	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	86.86	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	212.76	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.19	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	16.56	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

11/11/25
JARDAN ENVIROLAB LLP
Davendra Kumar
Dr. Technical Manager
GURGAON

Authorized Signatory
JARDAN ENVIROLAB LLP
Dr. Shiv Prakash
Authorized Signatory

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Test Report

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/2511241011
Format No : 7,8 F-03
Party Reference No : By Mail
Reporting Date : 01/12/2025
Period of Analysis : 24/11/2025-29/11/2025
Receipt Date : 24/11/2025
ULR No. : TC629925200012857F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village- Kamalpura
Sample Collected By : VEL Representative (Mr. Krish)
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 : 21/11/2025 To 22/11/2025
Time of Monitoring : 12:15 PM To 12:15 PM
Ambient Temperature (°C) : Min.13°C, Max.27°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	46.37	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	83.32	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	238.97	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	19.54	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	14.28	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

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[Signature]
01/12/2025
Sanchita Khosla
Sr. Technical Manager

[Signature]
Dr. Shiv
Paksh
Authorized Signatory

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Test Report

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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/2511241012
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 01/12/2025
Period of Analysis : 24/11/2025-29/11/2025
Receipt Date : 24/11/2025
ULR No. : TC629925200012858F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village- Devpura
Sample Collected By : VEL Representative (Mr. Krish)
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 : 21/11/2025 To 22/11/2025
Time of Monitoring : 01:10 PM To 01:10 PM
Ambient Temperature (°C) : Min.13°C, Max.28°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	49.20	µg/m ³	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	78.02	µg/m ³	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	246.34	µg/m ³	Not Specified
4	Nitrogen Dioxide as (NO ₂)	IS 5182 (P-6) : 2006,RA:2022	20.48	µg/m ³	80
5	Sulphur Dioxide as (SO ₂)	IS 5182 (P-2) : RA:2023	15.82	µg/m ³	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.66	mg/m ³	4

#-indicates 1 hour monitoring of CO.

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01/12/2025

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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/2511241013
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 01/12/2025
Period of Analysis : 24/11/2025-29/11/2025
Receipt Date : 24/11/2025
ULR No. : TC629925200012859F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village- Lampiya
Sample Collected By : VEL Representative (Mr. Krish)
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 : 21/11/2025 To 22/11/2025
Time of Monitoring : 12:40 PM To 12:40 PM
Ambient Temperature (°C) : Min.13°C, Max.28°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	50.04	µg/m ³	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	83.94	µg/m ³	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	250.78	µg/m ³	Not Specified
4	Nitrogen Dioxide as (NO ₂)	IS 5182 (P-6) : 2006,RA:2022	18.95	µg/m ³	80
5	Sulphur Dioxide as (SO ₂)	IS 5182 (P-2) : RA:2023	15.06	µg/m ³	80
6	#Carbon Monoxide as CO (by NDIR)	IS 5182 (P-10):1999	0.66	mg/m ³	4

#-indicates 1 hour monitoring of CO.

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Test Report

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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/2511241014
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 01/12/2025
Period of Analysis : 24/11/2025-29/11/2025
Receipt Date : 24/11/2025
ULR No. : TC629925200012860F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Village- Jaliya
Sample Collected By : VEL Representative (Mr. Krish)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/INS/ENV/IRDS/08 & FPS/08
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 21/11/2025 To 22/11/2025
Time of Monitoring : 01:55 PM To 01:55 PM
Ambient Temperature (°C) : Min.13°C, Max.28°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	49.20	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006 RA:2017	77.17	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999 RA:2019	233.96	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006,RA:2022	20.36	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : RA:2023	16.11	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

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21/12/25
Dr. Shikha Arun
Sr. Technical Manager
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