



Vardan Envirolab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)
ISO 9001 | ISO 14001 | ISO 45001



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/2402121011
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 15/02/2024
Period of Analysis : 12/02/2024-14/02/2024
Receipt Date : 12/02/2024
ULR No. : TC629924200000989F

General Information

Sampling Location : Lampiya Village
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 : 08/02/2024 To 09/02/2024
Time of Monitoring : 11:20 AM to 11:20 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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	53.33	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	91.42	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	179.39	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	27.28	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	17.69	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.85	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/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/2402121010
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 15/02/2024
Period of Analysis : 12/02/2024-14/02/2024
Receipt Date : 12/02/2024
ULR No. : TC629924200000988F

General Information

Sampling Location : Kamalpura Village
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 : 08/02/2024 To 09/02/2024
Time of Monitoring : 11:00 AM to 11:00 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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	55.00	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	89.07	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	277.15	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	34.25	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	23.87	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.72	mg/m3	4

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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)
 Arajji No-9697/6711, Near Tiranga Hills, District-
 Bhilwara-311802 (Raj)

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2402121013
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 15/02/2024
Period of Analysis : 12/02/2024-14/02/2024
Receipt Date : 12/02/2024
ULR No. : TC629924200000991F

General Information

Sampling Location : Devpura Village
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 : 08/02/2024 To 09/02/2024
Time of Monitoring : 12:30 PM to 12:30 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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	57.91	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	91.59	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	261.85	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	31.39	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	18.24	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.83	mg/m3	4

#Indicates 1 hour monitoring of CO.

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Test Report

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

Report No. : VEL/AP/2402121012
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 15/02/2024
Period of Analysis : 12/02/2024-14/02/2024
Receipt Date : 12/02/2024
ULR No. : TC629924200000990F

General Information

Sampling Location : Jaliya Village
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 : 08/02/2024 To 09/02/2024
Time of Monitoring : 12:00 PM to 12:00 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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	50.00	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	80.35	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	215.20	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	28.83	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	19.65	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.91	mg/m3	4

#-Indicates 1 hour monitoring of CO.

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Test Report

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/2402221031
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 01/03/2024
Period of Analysis : 22/02/2024-29/02/2024
Receipt Date : 22/02/2024
ULR No. : TC629924200001448F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Lampiya Village
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 : 20/02/2024 To 21/02/2024
Time of Monitoring : 12:30 PM to 12:30 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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	55.60	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	88.18	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	187.41	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	23.28	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	17.81	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.93	mg/m3	4

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Test Report

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Sample Number : VEL/AP/01

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

Report No. : VEL/AP/2402221030

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 01/03/2024

Period of Analysis : 22/02/2024-29/02/2024

Receipt Date : 22/02/2024

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

ULR No. : TC629924200001447F

General Information

Sampling Location : Kamalpura Village
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 : 20/02/2024 To 21/02/2024
Time of Monitoring : 11:56 AM to 11:56 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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	52.18	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	94.16	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	224.64	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	21.66	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	19.10	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.85	mg/m3	4

#-Indicates 1 hour monitoring of CO.

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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/2402221033
 Format No : 7.8 F-03
 Party Reference No : By Mail
 Reporting Date : 01/03/2024
 Period of Analysis : 22/02/2024-29/02/2024
 Receipt Date : 22/02/2024
 ULR No. : TC629924200001450F

General Information

Sampling Location : Devpura Village
 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 : 20/02/2024 To 21/02/2024
 Time of Monitoring : 01:30 PM to 01:30 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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	50.37	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	92.00	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	220.98	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	25.71	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	13.88	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.94	mg/m3	4

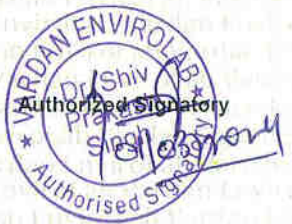
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Test Report

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

Report No. : VEL/AP/2402221032
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 01/03/2024
Period of Analysis : 22/02/2024-29/02/2024
Receipt Date : 22/02/2024
ULR No. : TC629924200001449F

General Information

Sampling Location : Jaliya Village
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 : 20/02/2024 To 21/02/2024
Time of Monitoring : 01:00 PM to 01:00 PM
Ambient Temperature (°C) : Min.25°C, Max.31°C
Surrounding Activity : Human,Vehicular & Others Activies
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 CPCB
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	56.28	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	89.44	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	234.80	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	25.36	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	14.88	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.83	mg/m3	4

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