



TC-6299

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/2404081002

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 11/04/2024

Period of Analysis : 08/04/2024-11/04/2024

Receipt Date : 08/04/2024

ULR No. : TC629924200002629F

General Information

Sampling Location : Lampiya 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 : 04/04/2024 To 05/04/2024

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 NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	51.39	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	90.93	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	272.98	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	22.98	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	13.03	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.81	mg/m3	4

#-indicates 1 hour monitoring of CO.

End of Report

Reviewed By

11/4/2024



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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)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2404081001

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 11/04/2024

Period of Analysis : 08/04/2024-11/04/2024

Receipt Date : 08/04/2024

ULR No. : TC629924200002628F

General Information

Sampling Location : Kamalpura Village

Sample Collected By : VEL Representative (Mr. Deepak)

Sampling Equipment used : RDS/FPS

Instrument Code : VEL/RDS/16 & FPS/31

Instrument Calibration Status : Calibrated

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 04/04/2024 To 05/04/2024

Time of Monitoring : 10:51 AM to 10:51 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)	51.23	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	85.83	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	238.35	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	23.18	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	11.51	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.76	mg/m3	4

#-indicates 1 hour monitoring of CO .

End of Report

Reviewed By

11/4/2024

Authorized Signatory
 Dr. [Signature]

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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)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2404081004

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 11/04/2024

Period of Analysis : 08/04/2024-11/04/2024

Receipt Date : 08/04/2024

ULR No. : TC629924200002631F

General Information

Sampling Location : Devpura 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 : 04/04/2024 To 05/04/2024

Time of Monitoring : 11:40 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 NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	54.78	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	83.11	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	264.29	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	25.57	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	12.50	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.81	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/2404081003

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 11/04/2024

Period of Analysis : 08/04/2024-11/04/2024

Receipt Date : 08/04/2024

ULR No. : TC629924200002630F

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 : 04/04/2024 To 05/04/2024

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 NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	54.99	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	86.76	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	266.81	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	52.43	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	12.83	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.84	mg/m3	4

#-indicates 1 hour monitoring of CO.

End of Report

Reviewed By


 11/4/2024


 Authorized Signatory

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VEL/N/147/PN31625



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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)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2404301002

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 07/05/2024

Period of Analysis : 30/04/2024-06/05/2024

Receipt Date : 30/04/2024

ULR No. : TC629924200003058F

General Information

Sampling Location : Lampiya 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 : 26/04/2024 To 27/04/2024
 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 NAAQS
Discipline : Chemical					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	53.70	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	81.71	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	222.45	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	22.44	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	9.29	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.81	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/2404301001

Format No. : 7.8 F-03

Party Reference No. : By Mail

Reporting Date : 07/05/2024

Period of Analysis : 30/04/2024-06/05/2024

Receipt Date : 30/04/2024

ULR No. : TC629924200003057F

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	: 26/04/2024 To 27/04/2024
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 NAAQS
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Discipline : Chemical

1	Particulate Matter as (PM2.5)	IS 5182 (P-24)	55.13	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	80.64	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	229.52	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	21.73	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	10.28	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.86		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)
 Araji No-9697/6711, Near Tiranga Hills, District-Bhilwara-311802 (Raj)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2404301004

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 07/05/2024

Period of Analysis : 30/04/2024-06/05/2024

Receipt Date : 30/04/2024

ULR No. : TC629924200003060F

General Information

Sampling Location	: Devpura 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	: 26/04/2024 To 27/04/2024
Time of Monitoring	: 01:00 PM To 01:00 PM
Ambient Temperature (°C)	: Min.25°C, Max.31°C
Surrounding Activity	: Human, Vehicular & Others 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)	54.12	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	85.77	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	282.66	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	23.93	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	9.59	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.84	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/2404301003

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 07/05/2024

Period of Analysis : 30/04/2024-06/05/2024

Receipt Date : 30/04/2024

ULR No. : TC629924200003059F

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	: 26/04/2024 To 27/04/2024
Time of Monitoring	: 12:50 PM To 12:50 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)	52.93	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23)	84.52	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4)	280.94	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6)	25.61	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2)	11.30	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.88	mg/m3	4

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