



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/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

General Information

Sampling Location	: Village-Kamalpura
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 (PM2.5)	IS 5182 (P-24) : 2019	36.67	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	57.77	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999	146.27	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	16.32	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	8.87	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10):1999	0.56	mg/m3	4

Note - # indicates 1 hour monitoring of CO.

End of Report

Reviewed By:



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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/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

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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)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

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

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 (PM2.5)	IS 5182 (P-24) : 2019	38.12	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	52.42	µg/m3	100
3	Suspended Particulate Matter	IS 5182 (P-4): 1999	142.05	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	17.93	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	8.04	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10):1999	0.58	mg/m3	4

Note - # indicates 1 hour monitoring of CO.

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TC-6299

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)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

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

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

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