



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/2407191008

**Format No** : 7.8 F-03

**Party Reference No** : By Mail

**Reporting Date** : 25/07/2024

**Period of Analysis** : 19/07/2024-23/07/2024

**Receipt Date** : 19/07/2024

**ULR No.** : TC629924200004637F

### 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** : 16/07/2024 To 17/07/2024

**Time of Monitoring** : 11:30 AM To 11:30 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
<b>Discipline : Chemical</b>					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	50.28	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	87.52	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4): 1999	239.46	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	21.62	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	17.08	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.69	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/2407191007

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 25/07/2024

Period of Analysis : 19/07/2024-23/07/2024

Receipt Date : 19/07/2024

ULR No. : TC629924200004636F

### 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 : 16/07/2024 To 17/07/2024

Time of Monitoring : 11:10 AM To 11:10 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
<b>Discipline : Chemical</b>					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	53.44	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	85.98	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4): 1999	255.20	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	21.86	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	16.36	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.76	mg/m3	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)

Name of Sample : Ambient Air  
 Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2407191010  
 Format No. : 7.8 F-03  
 Party Reference No. : By Mail  
 Reporting Date : 25/07/2024  
 Period of Analysis : 19/07/2024-23/07/2024  
 Receipt Date : 19/07/2024  
 ULR No. : TC629924200004639F

### General Information

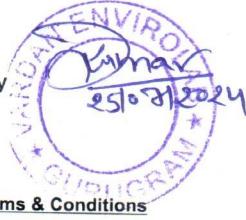
Sampling Location : Village-Devpura  
 Sample Collected By : VEL Representative (Mr. Deepak)  
 Sampling Equipment used : RDS/FPS  
 Instrument Code : VEL/RDS/27 & FPS/32  
 Instrument Calibration Status : Calibrated  
 Meteorological condition during monitoring : Clear Sky  
 Date of Monitoring : 16/07/2024 To 17/07/2024  
 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
<b>Discipline : Chemical</b>					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	54.75	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23) : 2006	81.23	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4) : 1999	267.66	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	22.74	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	17.35	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.78	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/2407191009

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 25/07/2024

Period of Analysis : 19/07/2024-23/07/2024

Receipt Date : 19/07/2024

ULR No. : TC629924200004638F

### 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	: 16/07/2024 To 17/07/2024
Time of Monitoring	: 11:45 AM To 11:45 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
<b>Discipline : Chemical</b>					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	25.40	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	84.66	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4): 1999	270.72	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	24.10	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	15.86	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.72	mg/m3	4

#-Indicates 1 hour monitoring of CO.

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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/2407081002

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 15/07/2024

Period of Analysis : 08/07/2024-12/07/2024

Receipt Date : 08/07/2024

ULR No. : TC629924200004388F

### General Information

Sampling Location : Village-Lampiya 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 : 04/07/2024 To 05/07/2024

Time of Monitoring : 02:00 PM To 02:00 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
<b>Discipline : Chemical</b>					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	51.66	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	88.27	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4): 1999	275.36	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	25.57	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	19.05	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.86	mg/m3	4

#-indicates 1 hour monitoring of CO.

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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-Bhiwari-311802 (Raj)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2407081001

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 15/07/2024

Period of Analysis : 08/07/2024-12/07/2024

Receipt Date : 08/07/2024

ULR No. : TC629924200004387F

### 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 : 04/07/2024 To 05/07/2024

Time of Monitoring : 01:43 PM To 01:43 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
<b>Discipline : Chemical</b>					
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	85.78	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4) : 1999	241.43	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	26.75	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	17.90	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.84	mg/m3	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)

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2407081004

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 15/07/2024

Period of Analysis : 08/07/2024-12/07/2024

Receipt Date : 08/07/2024

ULR No. : TC629924200004390F

### General Information

Sampling Location : Village-Devpura

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 : 04/07/2024 To 05/07/2024

Time of Monitoring : 02:50 PM To 02:50 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
<b>Discipline : Chemical</b>					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	54.16	µg/m³	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	89.22	µg/m³	100
3	Total Suspended Particulate Matter	IS 5182 (P-4): 1999	258.55	µg/m³	Not Specified
4	Nitrogen Dioxide as (NO₂)	IS 5182 (P-6) : 2006	26.95	µg/m³	80
5	Sulphur Dioxide as (SO₂)	IS 5182 (P-2) ; 2001	16.39	µg/m³	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.86	mg/m³	4

#-indicates 1 hour monitoring of CO.

\*\*\*End of Report\*\*\*

Reviewed By

*Chirayu*  
15/07/2024

*Prakash Singh*  
15/07/2024

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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/2407081003

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 15/07/2024

Period of Analysis : 08/07/2024-12/07/2024

Receipt Date : 08/07/2024

ULR No. : TC629924200004389F

### 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 : 04/07/2024 To 05/07/2024

Time of Monitoring : 02:30 PM To 02:30 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
<b>Discipline : Chemical</b>					
1	Particulate Matter as (PM2.5)	IS 5182 (P-24) : 2019	52.50	µg/m3	60
2	Particulate Matter as (PM10)	IS 5182 (P-23):2006	85.39	µg/m3	100
3	Total Suspended Particulate Matter	IS 5182 (P-4): 1999	253.92	µg/m3	Not Specified
4	Nitrogen Dioxide as (NO2)	IS 5182 (P-6) : 2006	24.08	µg/m3	80
5	Sulphur Dioxide as (SO2)	IS 5182 (P-2) : 2001	15.55	µg/m3	80
6	#Carbon Monoxide (by NDIR)	IS 5182 (P-10)	0.82	mg/m3	4

#-indicates 1 hour monitoring of CO.

\*\*\*End of Report\*\*\*

Reviewed By



15/07/2024



Authorized Signatory

Prakash Singh

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