



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/2401271009
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 31/01/2024
Period of Analysis : 27/01/2024-31/01/2024
Receipt Date : 27/01/2024
ULR No. : TC629924200000616F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Limpiya 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 : 25/01/2024 To 26/01/2024
Time of Monitoring : 01:20 PM to 01:20 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 CPCB |
|-----------------------|------------------------------------|----------------|---------|-------|--------------------|
| Discipline : Chemical | | | | | |
| 1 | Particulate Matter as (PM2.5) | IS 5182 (P-24) | 53.46 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 91.14 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 239.73 | µg/m3 | Not Specified |
| 4 | Nitrogen Dioxide as (NO2) | IS 5182 (P-6) | 25.86 | µg/m3 | 80 |
| 5 | Sulphur Dioxide as (SO2) | IS 5182 (P-2) | 14.14 | µg/m3 | 80 |
| 6 | #Carbon Monoxide (by NDIR) | IS 5182 (P-10) | 0.83 | 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)

Report No. : VEL/AP/2401271008

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 31/01/2024

Period of Analysis : 27/01/2024-31/01/2024

Receipt Date : 27/01/2024

ULR No. : TC629924200000615F

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

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 : 25/01/2024 To 26/01/2024
Time of Monitoring : 01:10 PM to 01:10 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) | 57.09 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 88.80 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 228.80 | µg/m3 | Not Specified |
| 4 | Nitrogen Dioxide as (NO2) | IS 5182 (P-6) | 24.80 | µg/m3 | 80 |
| 5 | Sulphur Dioxide as (SO2) | IS 5182 (P-2) | 13.64 | µg/m3 | 80 |
| 6 | #Carbon Monoxide (by NDIR) | IS 5182 (P-10) | 0.92 | 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)

Report No. : VEL/AP/2401271011

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 31/01/2024

Period of Analysis : 27/01/2024-31/01/2024

Receipt Date : 27/01/2024

ULR No. : TC629924200000618F

Name of Sample : Ambient Air

Sample Group : Atmospheric Pollution

General Information

Sampling Location : Devpura Village
Sample Collected By : VEL Representative (Mr. Deepak)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/25 & FPS/36
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 25/01/2024 To 26/01/2024
Time of Monitoring : 03:35 PM to 03:35 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) | 56.43 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 96.35 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 211.47 | µg/m3 | Not Specified |
| 4 | Nitrogen Dioxide as (NO2) | IS 5182 (P-6) | 25.22 | µg/m3 | 80 |
| 5 | Sulphur Dioxide as (SO2) | IS 5182 (P-2) | 13.02 | µg/m3 | 80 |
| 6 | #Carbon Monoxide (by NDIR) | IS 5182 (P-10) | 0.92 | 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)

Report No. : VEL/AP/2401271010

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 31/01/2024

Period of Analysis : 27/01/2024-31/01/2024

Receipt Date : 27/01/2024

ULR No. : TC629924200000617F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

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 : 25/01/2024 To 26/01/2024
Time of Monitoring : 02:10 PM to 02:10 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) | 55.41 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 89.13 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 195.23 | µg/m3 | Not Specified |
| 4 | Nitrogen Dioxide as (NO2) | IS 5182 (P-6) | 27.00 | µg/m3 | 80 |
| 5 | Sulphur Dioxide as (SO2) | IS 5182 (P-2) | 17.13 | 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/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/2401161006

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 23/01/2024

Period of Analysis : 16/01/2024-20/01/2024

Receipt Date : 16/01/2024

ULR No. : TC629924200000461F

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 : 13/01/2024 To 14/01/2024
Time of Monitoring : 11:04 PM to 11:04 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) | 54.25 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 87.13 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 215.70 | µg/m3 | Not Specified |
| 4 | Nitrogen Dioxide as (NO2) | IS 5182 (P-6) | 25.23 | µg/m3 | 80 |
| 5 | Sulphur Dioxide as (SO2) | IS 5182 (P-2) | 14.45 | µg/m3 | 80 |
| 6 | #Carbon Monoxide (by NDIR) | IS 5182 (P-10) | 0.89 | 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)
Araji No-9697/6711, Near Tiranga Hills, District-
Bhilwara-311802 (Raj)

Report No. : VEL/AP/2401161005
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 23/01/2024
Period of Analysis : 16/01/2024-20/01/2024
Receipt Date : 16/01/2024
ULR No. : TC629924200000460F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

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 : 13/01/2024 To 14/01/2024
Time of Monitoring : 10:48 PM to 10:48 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) | 53.40 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 85.05 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 232.60 | µg/m3 | Not Specified |
| 4 | Nitrogen Dioxide as (NO2) | IS 5182 (P-6) | 27.81 | µg/m3 | 80 |
| 5 | Sulphur Dioxide as (SO2) | IS 5182 (P-2) | 16.51 | µg/m3 | 80 |
| 6 | #Carbon Monoxide (by NDIR) | IS 5182 (P-10) | 0.85 | 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)
Araji No-9697/6711, Near Tiranga Hills, District-
Bhilwara-311802 (Raj)
Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

Report No. : VEL/AP/2401161008
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 23/01/2024
Period of Analysis : 16/01/2024-20/01/2024
Receipt Date : 16/01/2024
ULR No. : TC629924200000463F

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 : 13/01/2024 To 14/01/2024
Time of Monitoring : 11:50 PM to 11:50 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 CPCB |
|-----------------------|------------------------------------|----------------|---------|-------|--------------------|
| Discipline : Chemical | | | | | |
| 1 | Particulate Matter as (PM2.5) | IS 5182 (P-24) | 57.11 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 83.03 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 286.27 | µg/m3 | Not Specified |
| 4 | Nitrogen Dioxide as (NO2) | IS 5182 (P-6) | 29.66 | µg/m3 | 80 |
| 5 | Sulphur Dioxide as (SO2) | IS 5182 (P-2) | 15.46 | µg/m3 | 80 |
| 6 | #Carbon Monoxide (by NDIR) | IS 5182 (P-10) | 0.76 | mg/m3 | 4 |

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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/2401161007
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 23/01/2024
Period of Analysis : 16/01/2024-20/01/2024
Receipt Date : 16/01/2024
ULR No. : TC629924200000462F

Name of Sample : Ambient Air
Sample Group : Atmospheric Pollution

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 : 13/01/2024 To 14/01/2024
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 CPCB |
|-----------------------|------------------------------------|----------------|---------|-------|--------------------|
| Discipline : Chemical | | | | | |
| 1 | Particulate Matter as (PM2.5) | IS 5182 (P-24) | 51.91 | µg/m3 | 60 |
| 2 | Particulate Matter as (PM10) | IS 5182 (P-23) | 86.96 | µg/m3 | 100 |
| 3 | Total Suspended Particulate Matter | IS 5182 (P-4) | 227.33 | 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) | 13.10 | µg/m3 | 80 |
| 6 | #Carbon Monoxide (by NDIR) | IS 5182 (P-10) | 0.84 | mg/m3 | 4 |

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