



Test Report

Sample Number : VEL/A/01

Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd.

49th Km Stone, Khasra No. 122, Mathura Road, Village
- Prithia, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/A/2306240001

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 30/06/2023

Period of Analysis : 24/06/2023-30/06/2023

Receipt Date : 24/06/2023

Sample Description : AMBIENT AIR

General Information

Sampling Location : Main Gate (Near Security Office)
 Sample Collected By : VEL Representative (Mr. Sher Singh)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/08
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 22/06/2023 To 23/04/2023
 Time of Monitoring : 10:30 AM to 10:30 AM
 Ambient Temperature (°C) : Min.30°C, Max.44°C
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 24.0 Hours
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	89.74	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	44.52	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 2)	27.45	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P 6)	19.20	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.84	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-12)	BLQ(LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH ₃)	VEL/ENV/STP/155, Issue No.-01, 20/06/2022	24.74	µg/m ³	400.0
8	#Ozone (as O ₃)	IS:5182 (P-9)	22.71	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.1, Issue date 01/11/2021	BLQ(LOQ-0.1)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ-5.0)	ng/m ³	20.0

(Checked By)

Kulman
30/6/2023

(Approved By)

Sher Singh

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Test Report

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Sample Number : VEL/A/01

Report No. : VEL/A/2306240001

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrene-Particulate Phase Only	VEL/ENV/STP/157 Issue No.1, Issue date 20/06/2022	BLQ(LOQ-0.5)	ng/m ³	1.0

BLQ-Below Limit of Quantification, LOQ -Limit of Quantification

Note - # indicates 1 hour monitoring of CO & Ozone.

End of Report

(Checked By)

(Approved By)

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Test Report

Page No. 1/2

Sample Number : VEL/A/02

Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd.
49th Km Stone, Khasra No. 122, Mathura Road, Village
- Prithia, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/A/2306240002

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 30/06/2023

Period of Analysis : 24/06/2023-30/06/2023

Receipt Date : 24/06/2023

Sample Description : AMBIENT AIR

General Information

Sampling Location : Back Side Area
 Sample Collected By : VEL Representative (Mr. Sher Singh)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/09
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 22/06/2023 To 23/04/2023
 Time of Monitoring : 10:45 AM to 10:45 AM
 Ambient Temperature (°C) : Min.30°C, Max.44°C
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 24.0 Hours
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	86.20	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	51.28	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 2)	24.51	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P 6)	18.26	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.90	mg/m ³	4.0
6	Benzene (as C6H6)	IS:5182 (P-12)	BLQ(LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH3)	VEL/ENV/STP/155, Issue No.-01, 20/06/2022	24.60	µg/m ³	400.0
8	#Ozone (as O3)	IS:5182 (P-9)	19.25	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.1, Issue date 01/11/2021	BLQ(LOQ-0.1)	ng/m ³	6.0
11	Nickel (as-NI)	IS:5182 (P-26)	BLQ(LOQ-5.0)	ng/m ³	20.0

(Checked By)

Rushman
30/6/2023

(Approved By)

Sher Singh

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Test Report

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Sample Number : VEL/A/02

Report No. : VEL/A/2306240002

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrene-Particulate Phase Only	VEL/ENV/STP/157 Issue No.1, Issue date 20/06/2022	BLQ(LOQ-0.5)	ng/m ³	1.0

BLQ-Below Limit of Quantification, LOQ -Limit of Quantification

Note - # indicates 1 hour monitoring of CO & Ozone.

End of Report

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(Approved By)

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Test Report

Page No. 1/2

Sample Number : VEL/A/03

Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd.
49th Km Stone, Khasra No. 122, Mathura Road, Village
- Prithla, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/A/2306240003

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 30/06/2023

Period of Analysis : 24/06/2023-30/06/2023

Receipt Date : 24/06/2023

Sample Description : AMBIENT AIR

General Information

Sampling Location : Centre of the Project

Sample Collected By : VEL Representative (Mr. Sher Singh)

Sampling Equipment used : RDS/FPS

Instrument Code : VEL/RDS/FPS/10

Instrument Calibration Status : Calibrated

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 22/06/2023 To 23/04/2023

Time of Monitoring : 11:00 AM to 11:00 AM

Ambient Temperature (°C) : Min.30°C, Max.44°C

Surrounding Activity : Human & Vehicular Activities

Scope of Monitoring : Regulatory Requirement

Sampling & Analysis Protocol : IS : 5182

Sampling Duration : 24.0 Hours

Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	81.84	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	42.78	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 2)	28.25	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P 6)	20.40	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.82	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-12)	BLQ(LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH ₃)	VEL/ENV/STP/155, Issue No.-01, 20/06/2022	26.51	µg/m ³	400.0
8	#Ozone (as O ₃)	IS:5182 (P-9)	20.0	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.1, Issue date 01/11/2021	BLQ(LOQ-0.1)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ-5.0)	ng/m ³	20.0

(Checked By)

Rupman
30/06/2023

(Approved By)

VARDAN ENVIROLAB
GURUGRAM

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Test Report

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Sample Number : VEL/A/03

Report No. : VEL/A/2306240003

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrine-Particulate Phase Only	VEL/ENV/STP/157 Issue No.1, Issue date 20/06/2022	BLQ(LOQ-0.5)	ng/m ³	1.0

BLQ-Below Limit of Quantification, LOQ -Limit of Quantification

Note - # indicates 1 hour monitoring of CO & Ozone.

End of Report

(Checked By)

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Test Report

Page No. 1/2

Sample Number : VEL/AP/01
Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd.
49th Km Stone, Khasra No. 122, Mathura Road, Village
- Prithla, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/AP/2310180001
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 25/10/2023
Period of Analysis : 18/10/2023-25/10/2023
Receipt Date : 18/10/2023

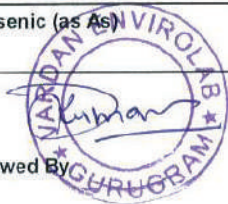
Name of Sample : AMBIENT AIR
Sample Group : Atmospheric Pollution

General Information

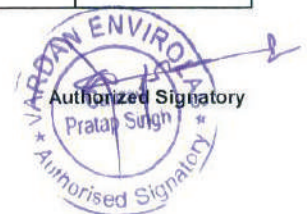
Sampling Location : Near Main Gate
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 17/10/2023 To 18/10/2023
Time of Monitoring : 02:00 PM to 02:00 PM
Ambient Temperature (°C) : Min.18°C, Max.34°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	96.80	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	46.23	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 2)	24.71	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P 6)	18.56	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.78	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-12)	BLQ(LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH ₃)	VEL/ENV/STP/155, Issue No.-01, 20/06/2022	BLQ(LOQ-20.0)	µg/m ³	400.0
8	#Ozone (as O ₃)	IS:5182 (P-9)	19.45	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.1, Issue date 01/11/2021	BLQ(LOQ-0.1)	ng/m ³	6.0

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Test Report

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Sample Number : VEL/AP/01

Report No. : VEL/AP/2310180001

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ-5.0)	ng/m ³	20.0
12	Benzo (alpha) Pyrene-Particulate Phase Only	VEL/ENV/STP/157 Issue No.1, Issue date 20/06/2022	BLQ(LOQ-0.5)	ng/m ³	1.0

BLQ-Below Limit of Quantification, LOQ -Limit of Quantification

Note - # indicates 1 hour monitoring of CO & Ozone.

End of Report

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Test Report

Page No. 1/2

Sample Number : VEL/AP/02

Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd.

49th Km Stone, Khasra No. 122, Mathura Road, Village
- Prithla, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/AP/2310180002

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 25/10/2023

Period of Analysis : 18/10/2023-25/10/2023

Receipt Date : 18/10/2023

Name of Sample : AMBIENT AIR

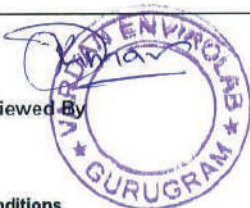
Sample Group : Atmospheric Pollution

General Information

Sampling Location : Back Side Area
 Sample Collected By : VEL Representative (Mr. Dilver)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/02
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 17/10/2023 To 18/10/2023
 Time of Monitoring : 02:30 PM to 02:30 PM
 Ambient Temperature (°C) : Min.18°C, Max.31°C
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 24.0 Hours
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	91.56	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	48.63	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 2)	26.71	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P 6)	20.12	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.82	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-12)	BLQ(LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH ₃)	VEL/ENV/STP/155, Issue No.-01, 20/06/2022	BLQ(LOQ-20.0)	µg/m ³	400.0
8	#Ozone (as O ₃)	IS:5182 (P-9)	21.74	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.1, Issue date 01/11/2021	BLQ(LOQ-0.1)	ng/m ³	6.0

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Test Report

Page No. 2/2

Sample Number : VEL/AP/02

Report No. : VEL/AP/2310180002

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ-5.0)	ng/m ³	20.0
12	Benzo (alpha) Pyrene-Particulate Phase Only	VEL/ENV/STP/157 Issue No.1, Issue date 20/06/2022	BLQ(LOQ-0.5)	ng/m ³	1.0

BLQ-Below Limit of Quantification, LOQ -Limit of Quantification

Note - # indicates 1 hour monitoring of CO & Ozone.

End of Report



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Test Report

Page No. 1/2

Sample Number : VEL/AP/03

Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd.

49th Km Stone, Khasra No. 122, Mathura Road, Village
- Prithia, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/AP/2310180003

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 25/10/2023

Period of Analysis : 18/10/2023-25/10/2023

Receipt Date : 18/10/2023

Name of Sample : AMBIENT AIR

Sample Group : Atmospheric Pollution

General Information

Sampling Location : Centre of the Project
 Sample Collected By : VEL Representative (Mr. Dilver)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/03
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 17/10/2023 To 18/10/2023
 Time of Monitoring : 03:00 PM to 03:00 PM
 Ambient Temperature (°C) : Min.18°C, Max.31°C
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 24.0 Hours
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
Discipline : Chemical					
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	94.56	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	49.71	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS 5182 (P- 2)	22.58	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS 5182 (P 6)	22.84	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.75	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-12)	BLQ(LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH ₃)	VEL/ENV/STP/155, Issue No.-01, 20/06/2022	BLQ(LOQ-20.0)	µg/m ³	400.0
8	#Ozone (as O ₃)	IS:5182 (P-9)	22.45	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22)	BLQ(LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.1, Issue date 01/11/2021	BLQ(LOQ-0.1)	ng/m ³	6.0

Reviewed By



Authorized Signatory



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Test Report

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Sample Number : VEL/AP/03

Report No. : VEL/AP/2310180003

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
11	Nickel (as Ni)	IS:5182 (P-26)	BLQ(LOQ-5.0)	ng/m ³	20.0
12	Benzo (alpha) Pyrene-Particulate Phase Only	VEL/ENV/STP/157 Issue No.1, Issue date 20/06/2022	BLQ(LOQ-0.5)	ng/m ³	1.0

BLQ-Below Limit of Quantification, LOQ -Limit of Quantification

Note - # indicates 1 hour monitoring of CO & Ozone.

End of Report



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