



Test Report

Sample Number : VEL/A/2203280001 Report No. : VEL/A/2203280001
 Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd. Format No : 7.8 F-01
 49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No : By Mail
 - Prithla, Dist - Palwal, Haryana (Haryana) Reporting Date : 31/03/2022
 Period of Analysis : 28/03/2022-31/03/2022
 Receipt Date : 28/03/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Main Gate
 Sample Collected By : VEL Representative (Mr. Sher Singh)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/02
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 26/03/2022 To 27/03/2022
 Time of Monitoring : 10:00 AM to 10:00 AM
 Ambient Temperature (°C) : Min.26°C, Max 37°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), Gravimetric Method, RA:2006	93.68	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	55.12	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	31.76	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	14.22	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.84	mg/m ³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m3)	µg/m ³	5.0
7	Ammonia (as NH3)	IS:5182 (P-25) : 2018	9.36	µg/m ³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	22.78	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL-0.05 µg/m3)	µg/m ³	1.0
10	Arsenic (as As)	CPCB Guideline Volume-1	*BDL(**DL-1.0 ng/m3)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BDL(**DL-5.0 ng/m3)	ng/m ³	20.0





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
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Test Report

Sample Number : VEL/A/2203280001

Report No. : VEL/A/2203280001

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-0.5 ng/m3)	ng/m ³	1.0

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report

SUBODH SHEKHAWAT
(Checked By)
Dy. Technical Manager

GAURAV
(Approved By)
Authorised Signatory





Test Report

Sample Number : VEL/A/2203280002 Report No. : VEL/A/2203280002
 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)
 Format No : 7.8 F-01
 Party Reference No : By Mail
 Reporting Date : 31/03/2022
 Period of Analysis : 28/03/2022-31/03/2022
 Receipt Date : 28/03/2022
 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/01
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 26/03/2022 To 27/03/2022
 Time of Monitoring : 10:30 AM to 10:30 AM
 Ambient Temperature (°C) : Min.26°C, Max 37°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), Gravimetric Method, RA:2006	89.27	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	51.48	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	28.65	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	13.82	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.81	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m ³)	µg/m ³	5.0
7	Ammonia (as NH ₃)	IS:5182 (P-25) : 2018	7.48	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	20.16	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22),Air Acetylene Method, RA:2009	*BDL(**DL-0.05 µg/m ³)	µg/m ³	1.0
10	Arsenic (as As)	CPCB Guideline Volume-1	*BDL(**DL-1.0 ng/m ³)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BDL(**DL-5.0 ng/m ³)	ng/m ³	20.0





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
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Test Report

Sample Number : VEL/A/2203280002

Report No. : VEL/A/2203280002

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-0.5 ng/m3)	ng/m ³	1.0

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report

SUBH SHEKHAWAT
(Checked By)
Dy. Technical Manager

APPROVED
(Approved By)
Principal Singh
Authorized Signatory





Test Report

Sample Number : VEL/A/2203280003

Report No. : VEL/A/2203280003

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)

Format No : 7.8 F-01
Party Reference No : By Mail
Reporting Date : 31/03/2022
Period of Analysis : 28/03/2022-31/03/2022
Receipt Date : 28/03/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Centre of Project
Sample Collected By : VEL Representative (Mr. Sher Singh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 26/03/2022 To 27/03/2022
Time of Monitoring : 11:00 AM to 11:00 AM
Ambient Temperature (°C) : Min.26°C, Max 37°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), Gravimetric Method, RA:2006	86.51	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	49.22	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	27.69	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.98	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.79	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m ³)	µg/m ³	5.0
7	Ammonia (as NH ₃)	IS:5182 (P-25) : 2018	8.46	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	18.32	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL-0.05 µg/m ³)	µg/m ³	1.0
10	Arsenic (as As)	CPCB Guideline Volume-1	*BDL(**DL-1.0 ng/m ³)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BDL(**DL-5.0 ng/m ³)	ng/m ³	20.0

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
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Test Report

Sample Number : VEL/A/2203280003

Report No. : VEL/A/2203280003

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-0.5 ng/m3)	ng/m ³	1.0

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report

SUBODH SHEKHAWAT
(Checked By)
Dy. Technical Manager





Test Report

Sample Number : VEL/A/2112290002

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/2112290002

Format No : 7.8 F-01

Party Reference No : By Mail

Reporting Date : 03/01/2022

Period of Analysis : 29/12/2021-03/01/2022

Receipt Date : 29/12/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Gate No-3
Sample Collected By : VEL Representative (Mr. Mukesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 28/12/2021 To 29/12/2021
Time of Monitoring : 10:00 AM to 10:00 AM
Ambient Temperature (°C) : Min.11°C, Max 20°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), Gravimetric Method, RA:2006	96.82	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	57.92	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	34.65	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	16.48	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.82	mg/m ³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m3)	µg/m ³	5.0
7	Ammonia (as NH3)	IS:5182 (P-25) : 2018	6.98	µg/m ³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	18.46	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL-0.05 µg/m3)	µg/m ³	1.0
10	Arsenic (as As)	CPCB Guideline Volume-1	*BDL(**DL-1.0 ng/m3)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BDL(**DL-5.0 ng/m3)	ng/m ³	20.0





Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
ISO 9001 | ISO 14001 | ISO 45001



Test Report

Sample Number : VEL/A/2112290002

Report No. : VEL/A/2112290002

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-0.5 ng/m ³)	ng/m ³	1.0

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report


SHEKHAWAT
Dy. Technical Manager





Test Report

Sample Number : VEL/A/2112290003

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/2112290003

Format No : 7.8 F-01

Party Reference No : By Mail

Reporting Date : 03/01/2022

Period of Analysis : 29/12/2021-03/01/2022

Receipt Date : 29/12/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Dispatch Area
Sample Collected By : VEL Representative (Mr. Mukesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 28/12/2021 To 29/12/2021
Time of Monitoring : 11:00 AM to 11:00 AM
Ambient Temperature (°C) : Min 11°C, Max 20°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), Gravimetric Method, RA:2006	93.64	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	55.48	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	31.78	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	14.22	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.79	mg/m ³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m ³)	µg/m ³	5.0
7	Ammonia (as NH3)	IS:5182 (P-25) : 2018	8.48	µg/m ³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	20.69	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL-0.05 µg/m ³)	µg/m ³	1.0
10	Arsenic (as As)	CPCB Guideline Volume-1	*BDL(**DL-1.0 ng/m ³)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BDL(**DL-5.0 ng/m ³)	ng/m ³	20.0





Test Report

Sample Number : VEL/A/2112290003

Report No. : VEL/A/2112290003

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-0.5 ng/m3)	ng/m ³	1.0

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report


SUBODH SHEKHAWAT
(Checked By)
Dy. Technical Manager





Test Report

Sample Number : VEL/A/2112290004

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/2112290004

Format No : 7.8 F-01

Party Reference No : By Mail

Reporting Date : 03/01/2022

Period of Analysis : 29/12/2021-03/01/2022

Receipt Date : 29/12/2021

Sample Description : AMBIENT AIR

General Information
Sampling Location : Maintenance Area
Sample Collected By : VEL Representative (Mr. Mukesh)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 28/12/2021 To 29/12/2021
Time of Monitoring : 11:00 AM to 11:00 AM
Ambient Temperature (°C) : Min.11°C, Max 20°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24 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), Gravimetric Method, RA:2006	91.22	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	53.78	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	29.48	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.78	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.81	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m ³)	µg/m ³	5.0
7	Ammonia (as NH ₃)	IS:5182 (P-25) : 2018	9.58	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	16.42	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BDL(**DL-0.05 µg/m ³)	µg/m ³	1.0
10	Arsenic (as As)	CPCB Guideline Volume-1	*BDL(**DL-1.0 ng/m ³)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BDL(**DL-5.0 ng/m ³)	ng/m ³	20.0



VEL/E/1/TR/PN11726





Test Report

Sample Number : VEL/A/2112290004

Report No. : VEL/A/2112290004

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-0.5 ng/m3)	ng/m ³	1.0

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report


Subodh SHEKHAWAT
Dy. Technical Manager

