



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
- Prithla, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/A/2209140001

Format No : 7.8 F-03

Party Reference No : MIPPL/PRITHLA/ENV/2022-23-

Reporting Date : 17/09/2022

Period of Analysis : 14/09/2022-17/09/2022

Receipt Date : 14/09/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Main Gate
 Sample Collected By : VEL Representative (Mr. Priyanshu)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/08
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 13/09/2022 To 14/09/2022
 Time of Monitoring : 11:00 AM to 11:00 AM
 Ambient Temperature (°C) : Min.27°C, Max.36°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	87.48	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	49.32	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	28.64	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.39	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003 / NDIR Method	0.78	mg/m ³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BLQ(**LOQ - 0.5)	µg/m ³	5.0
7	Ammonia (as NH3)	IS:5182 (P-25) : 2018	*BLQ(**LOQ - 20)	µg/m ³	400.0
8	#Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	21.78	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*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) : 2020	*BLQ(**LOQ -	ng/m ³	20.0





Test Report

Sample Number : VEL/A/01

Report No. : VEL/A/2209140001

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
11			5.0		
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004	*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)
Gaurav Pratap Singh
VARDAN ENVIROLAB
Authorized Laboratory



Test Report

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
- Prithla, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/A/2209140002

Format No : 7.8 F-03

Party Reference No : MIPPL/PRITHLA/ENV/2022-23-

Reporting Date : 17/09/2022

Period of Analysis : 14/09/2022-17/09/2022

Receipt Date : 14/09/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Back Side Area
 Sample Collected By : VEL Representative (Mr. Priyanshu)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/09
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 13/09/2022 To 14/09/2022
 Time of Monitoring : 11:10 AM to 11:10 AM
 Ambient Temperature (°C) : Min.27°C, Max.36°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	82.38	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	46.17	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	25.84	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	11.65	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003 / NDIR Method	0.73	mg/m ³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BLQ(**LOQ - 0.5)	µg/m ³	5.0
7	Ammonia (as NH3)	IS:5182 (P-25) : 2018	*BLQ(**LOQ - 20)	µg/m ³	400.0
8	#Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	18.76	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*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) : 2020	*BLQ(**LOQ -	ng/m ³	20.0



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Test Report

Sample Number : VEL/A/2206201004

Report No. : VEL/A/2206201004

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

Format No : 7.8 F-03
Party Reference No : MIPPL/PRITHLA/ENV/2022-23-
Reporting Date : 23/06/2022
Period of Analysis : 20/06/2022-23/06/2022
Receipt Date : 20/06/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Main Gate
Sample Collected By : VEL Representative (Mr. Sudhir)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2022 To 19/06/2022
Time of Monitoring : 02:00 PM to 02:00 PM
Ambient Temperature (°C) : Min.28°C, Max.41°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	92.53	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24) : 2019	56.96	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	28.63	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 / NDIR Method	0.82	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*BLQ(**LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH ₃)	IS:5182 (P-25) :2018	*BLQ(**LOQ-20)	µg/m ³	400.0
8	#Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	26.06	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BLQ(**LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.-01, Issue Date-01/11/2021:2021	*BLQ(**LOQ-0.1)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BLQ(**LOQ-5.0)	ng/m ³	20.0
12	Benzo (alpha) Pyrine-Particulate	IS:5182 (P-12):2004	*BLQ(**LOQ-0.5)	ng/m ³	1.0





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/2206201004

Report No. : VEL/A/2206201004

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Phase Only				

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

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

End of Report

SURESH SHEKHAWAT
(Checked By)
BY: TECHNICAL MANAGER



VEL/E/11/TR/PA43959



Test Report

Sample Number : VEL/A/2206201005

Report No. : VEL/A/2206201005

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

Format No : 7.8 F-03
Party Reference No : MIPPL/PRITHLA/ENV/2022-23-
Reporting Date : 23/06/2022
Period of Analysis : 20/06/2022-23/06/2022
Receipt Date : 20/06/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Entry Gate
Sample Collected By : VEL Representative (Mr. Sudhir)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/05
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2022 To 19/06/2022
Time of Monitoring : 02:20 PM to 02:20 PM
Ambient Temperature (°C) : Min.28°C. Max.41°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	89.80	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24) : 2019	50.31	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	26.79	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.47	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003 / NDIR Method	0.80	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*BLQ(**LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH ₃)	IS:5182 (P-25) :2018	*BLQ(**LOQ-20)	µg/m ³	400.0
8	#Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	23.67	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BLQ(**LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No. -01, Issue Date-01/11/2021:2021	*BLQ(**LOQ-0.1)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BLQ(**LOQ-5.0)	ng/m ³	20.0
12	Benzo (alpha) Pyrine-Particulate	IS:5182 (P-12):2004	*BLQ(**LOQ-0.5)	ng/m ³	1.0





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/2206201005

Report No. : VEL/A/2206201005

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Phase Only				

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

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

End of Report

SURESH SHEKHAWAT
(Checked By)
TECHNICAL MANAGER





Test Report

Sample Number : VEL/A/2206201006

Report No. : VEL/A/2206201006

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

Format No : 7.8 F-03
Party Reference No : MIPPL/PRITHLA/ENV/2022-23-
Reporting Date : 23/06/2022
Period of Analysis : 20/06/2022-23/06/2022
Receipt Date : 20/06/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Maintenance Area
Sample Collected By : VEL Representative (Mr. Sudhir)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/06
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 18/06/2022 To 19/06/2022
Time of Monitoring : 02:10 PM to 02:10 PM
Ambient Temperature (°C) : Min.28°C, Max.41°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	86.03	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24) : 2019	53.22	µg/m ³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	25.74	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	11.13	µg/m ³	80
5	#Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003 / NDIR Method	0.78	mg/m ³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BLQ(**LOQ-0.5)	µg/m ³	5.0
7	Ammonia (as NH3)	IS:5182 (P-25) :2018	*BLQ(**LOQ-20)	µg/m ³	400.0
8	#Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	20.74	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*BLQ(**LOQ-0.1)	µg/m ³	1.0
10	Arsenic (as As)	VEL/ENV/STP/110, Issue No.-01, Issue Date-01/11/2021:2021	*BLQ(**LOQ-0.1)	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-26) : 2020	*BLQ(**LOQ-5.0)	ng/m ³	20.0
12	Benzo (alpha) Pyrine-Particulate	IS:5182 (P-12):2004	*BLQ(**LOQ-0.5)	ng/m ³	1.0





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/2206201006

Report No. : VEL/A/2206201006

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Phase Only				

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

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

End of Report

SHEKHAWAT
(Checked By)
DR. TECHNICAL MANAGER

Approved By
[Signature]



VEL/E/11/TR/PN43955