

MoEF&CC Documents Details

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Annexure A
Process Air Monitoring Test Reports



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/WZ/2107011001

Report No. : VEL/WZ/2107011001

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-01
Party Reference No : By Mail (28-06-2021)
Reporting Date : 03/07/2021
Period of Analysis : 01/07/2021-03/07/2021
Receipt Date : 01/07/2021

Sample Description : Workzone Air Monitoring

General
Sampling Location : Resin Plant Area
Sample Collected by : VEL Representative (Mr. Rajkumar)
Sampling Equipment used : Handy Sampler
Instrument Code : VEL/HS/01
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 30/06/2021
Time of Monitoring : 10:00 AM to 6:00 PM
Ambient Temperature (°C) : Min. 26°C to Max. 39°C
Surrounding Activity : Human & Other Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 480.0 Min.
Parameter Required : As per work order

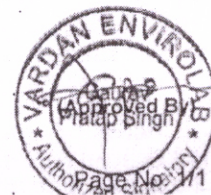
S.No	Test Parameters	Test Method	Results	Unit	Limits
1	Suspended Particulate Matter (as SPM)	IS:5182 (P-4) RA :2005	0.374	mg/m ³	15.0 as per OSHA
2	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2) :2001	0.021	mg/m ³	5.0 as Per Factories Act 1948
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P-6) :2006	0.049	mg/m ³	6.0 as Per Factories Act 1948
4	Carbon Monoxide (as CO)	IS:5182 (P-10) :2003	0.73	mg/m ³	55 as Per Factories Act 1948
5	Xylene	IS:5182 (P-11) : 2006	*ND	mg/m ³	435 as Per Factories Act 1948
6	Toluene	IS:5182 (P-11) : 2006	*ND	mg/m ³	375 as Per Factories Act 1948
7	Ozone (as O ₃)	IS:5182 (P-09) colorimetric Method, RA:2003	*ND	mg/m ³	0.2 as per Factories Act, 1948

*ND-Not Detectable

End of Report

(Tested By)
ANALYST

SUBODH SHEKHAWAT
DY. TECHNICAL MANAGER
(Checked By)





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/WZ/2107011002
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)

Report No. : VELWZ/2107011002
Format No : 7.8 F-01
Party Reference No : By Mail (28-06-2021)
Reporting Date : 03/07/2021
Period of Analysis : 01/07/2021-03/07/2021
Receipt Date : 01/07/2021

Sample Description : Workzone Air Monitoring

General
Sampling Location : Liquid Section
Sample Collected by : VEL Representative (Mr. Rajkumar)
Sampling Equipment used : Handy Sampler
Instrument Code : VEL/HS/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 30/06/2021
Time of Monitoring : 10:20 AM to 6:20 PM
Ambient Temperature (°C) : Min. 26°C to Max. 39°C
Surrounding Activity : Human & Other Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 480.0 Min.
Parameter Required : As per work order

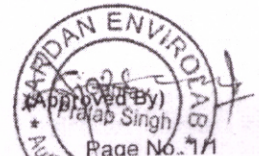
S.No	Test Parameters	Test Method	Results	Unit	Limits
1	Suspended Particulate Matter (as SPM)	IS:5182 (P-4) RA :2005	0.411	mg/m ³	15.0 as per OSHA
2	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2) :2001	0.020	mg/m ³	5.0 as Per Factories Act 1948
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P-6) :2006	0.051	mg/m ³	6.0 as Per Factories Act 1948
4	Carbon Monoxide (as CO)	IS:5182 (P-10) :2003	0.75	mg/m ³	55 as Per Factories Act 1948
5	Xylene	IS:5182 (P-11) : 2006	*ND	mg/m ³	435 as Per Factories Act 1948
6	Toluene	IS:5182 (P-11) : 2006	*ND	mg/m ³	375 as Per Factories Act 1948
7	Ozone (as O ₃)	IS:5182 (P-09) colorimetric Method, RA:2003	*ND	mg/m ³	0.2 as per Factories Act, 1948

*ND-Not Detectable

End of Report

KRISHNA SHARMA
(Tested By) ANALYST

SUBODH SHEKHAWAT
DY. TECHNICAL MANAGER



Page No. 1/1



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/WZ/2107011003
 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)

Report No. : VEL/WZ/2107011003
 Format No : 7.8 F-01
 Party Reference No : By Mail (28-06-2021)
 Reporting Date : 03/07/2021
 Period of Analysis : 01/07/2021-03/07/2021
 Receipt Date : 01/07/2021

Sample Description : Workzone Air Monitoring

General
 Sampling Location : Sludge Printer Area
 Sample Collected by : VEL Representative (Mr. Rajkumar)
 Sampling Equipment used : Handy Sampler
 Instrument Code : VEL/HS/03
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 30/06/2021
 Time of Monitoring : 10:30 AM to 06:30 PM
 Ambient Temperature (°C) : Min: 26°C to Max: 39°C
 Surrounding Activity : Human & Other Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 480.0 Min.
 Parameter Required : As per work order

S.No	Test Parameters	Test Method	Results	Unit	Limits
1	Suspended Particulate Matter (as SPM)	IS:5182 (P-4) RA :2005	0.453	mg/m ³	15.0 as per OSHA
2	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2) :2001	0.018	mg/m ³	5.0 as Per Factories Act 1948
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P-6) :2006	0.054	mg/m ³	6.0 as Per Factories Act 1948
4	Carbon Monoxide (as CO)	IS:5182 (P-10) :2003	0.77	mg/m ³	55 as Per Factories Act 1948
5	Xylene	IS:5182 (P-11) : 2006	*ND	mg/m ³	435 as Per Factories Act 1948
6	Toluene	IS:5182 (P-11) : 2006	*ND	mg/m ³	375 as Per Factories Act 1948
7	Ozone (as O ₃)	IS:5182 (P-09) colorimetric Method, RA:2003	*ND	mg/m ³	0.2 as per Factories Act, 1948

*ND-Not Detectable

End of Report

(Handwritten Signature)
 (Tested By) ANALYST

(Handwritten Signature)
 SUBODH SHEKHAWAT
 DY. (Checked By) MANAGER





Test Report

Sample Number : VELWZ/2109171001
 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)

Report No. : VELWZ/2109171001
 Format No : 7.8 F-01
 Party Reference No : By Mail (14/09/2021)
 Reporting Date : 20/09/2021
 Period of Analysis : 17/09/2021-20/09/2021
 Receipt Date : 17/09/2021

Sample Description : Workzone Air Monitoring

General
 Sampling Location : Sludge Printer Area
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : Handy Sampler
 Instrument Code : VEL/HS/01
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021
 Time of Monitoring : 11:00 AM to 07:00 PM
 Ambient Temperature (°C) : Min.25°C, Max.33°C
 Surrounding Activity : Human & Others Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 480.0 Min.
 Parameter Required : As per work order

S.No	Test Parameters	Test Method	Results	Unit	Limits
1	Suspended Particulate Matter (as SPM)	IS:5182 (P-4) RA :2005	0.395	mg/m ³	15.0 as per OSHA
2	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2) :2001	0.020	mg/m ³	5.0 as Per Factories Act 1948
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P-6) :2006	0.056	mg/m ³	6.0 as Per Factories Act 1948
4	Carbon Monoxide (as CO)	IS:5182 (P-10) :2003	0.74	mg/m ³	55 as Per Factories Act 1948
5	Xylene	IS:5182 (P-11) : 2006	*ND	mg/m ³	435 as Per Factories Act 1948
6	Toluene	IS:5182 (P-11) : 2006	*ND	mg/m ³	375 as Per Factories Act 1948
7	Ozone (as O ₃)	IS:5182 (P-09) colorimetric Method, RA:2003	*ND	mg/m ³	0.2 as per Factories Act, 1948

*ND-Not Detectable.

End of Report

MAMTA NAYAK
 Tested By: ANALYST

SURDIP KUMAR
 (Checked By)



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Test Report

Sample Number : VEL/WZ/2109171002
 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)

Report No. : VEL/WZ/2109171002
 Format No : 7.8 F-01
 Party Reference No : By Mail (14/09/2021)
 Reporting Date : 20/09/2021
 Period of Analysis : 17/09/2021-20/09/2021
 Receipt Date : 17/09/2021

Sample Description : Workzone Air Monitoring

General
 Sampling Location : Liquid Section
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : Handy Sampler
 Instrument Code : VEL/HS/02
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021
 Time of Monitoring : 10:30 AM to 06:30 PM
 Ambient Temperature (°C) : Min.25°C, Max.33°C
 Surrounding Activity : Human & Others Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 480.0 Min.
 Parameter Required : As per work order

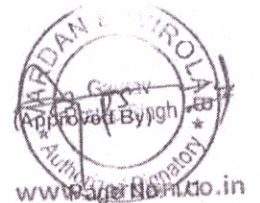
S.No	Test Parameters	Test Method	Results	Unit	Limits
1	Suspended Particulate Matter (as SPM)	IS:5182 (P-4) RA :2005	0.443	mg/m ³	15.0 as per OSHA
2	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2) :2001	0.024	mg/m ³	5.0 as Per Factories Act 1948
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P-6) :2006	0.061	mg/m ³	6.0 as Per Factories Act 1948
4	Carbon Monoxide (as CO)	IS:5182 (P-10) :2003	0.76	mg/m ³	55 as Per Factories Act 1948
5	Xylene	IS:5182 (P-11) : 2006	*ND	mg/m ³	435 as Per Factories Act 1948
6	Toluene	IS:5182 (P-11) : 2006	*ND	mg/m ³	375 as Per Factories Act 1948
7	Ozone (as O ₃)	IS:5182 (P-09) colorimetric Method, RA:2003	*ND	mg/m ³	0.2 as per Factories Act, 1948

*ND:-Not Detectable

End of Report

MANITA NAYAK
 (Tested By)
 SR. ANALYST

SURESH SURESH
 (Checked By)





Test Report

Sample Number : VEL/WZ/2109171003
 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/WZ/2109171003
 Format No : 7.8 F-01
 Party Reference No : By Mail (14/09/2021)
 Reporting Date : 20/09/2021
 Period of Analysis : 17/09/2021-20/09/2021
 Receipt Date : 17/09/2021

Sample Description : Workzone Air Monitoring

General
 Sampling Location : Resin Plant
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : Handy Sampler
 Instrument Code : VEL/HS/03
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021
 Time of Monitoring : 10:00 AM to 06:00 PM
 Ambient Temperature (°C) : Min.25°C, Max.33°C
 Surrounding Activity : Human & Others Activities
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS : 5182
 Sampling Duration : 480.0 Min.
 Parameter Required : As per work order

S.No	Test Parameters	Test Method	Results	Unit	Limits
1	Suspended Particulate Matter (as SPM)	IS:5182 (P-4) RA :2005	0.508	mg/m ³	15.0 as per OSHA
2	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2) :2001	0.029	mg/m ³	5.0 as Per Factories Act 1948
3	Nitrogen Dioxide (as NO ₂)	IS:5182 (P-6) :2006	0.061	mg/m ³	6.0 as Per Factories Act 1948
4	Carbon Monoxide (as CO)	IS:5182 (P-10) :2003	0.78	mg/m ³	55 as Per Factories Act 1948
5	Xylene	IS:5182 (P-11) : 2006	*ND	mg/m ³	435 as Per Factories Act 1948
6	Toluene	IS:5182 (P-11) : 2006	*ND	mg/m ³	375 as Per Factories Act 1948
7	Ozone (as O ₃)	IS:5182 (P-09) colorimetric Method, RA:2003	*ND	mg/m ³	0.2 as per Factories Act, 1948

*ND-Not Detectable.

End of Report

MAMTA NAI
 (Tested By) ANALYST

SURODH SUEKLAWAT
 (Checked By)



Annexure B

DG Set & Boiler Stack Emission Test Reports



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/S/2107011002

Report No. : VEL/S/2107011002

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
- Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
 Sample Collected by : VEL Representative (Mr. Rajkumar)
 Date of Sampling : 30/06/2021
 Sampling duration (Minutes) : 45.0
 Stack attached to : DG Set No.1 (250 KVA)
 Make of stack : MS
 Diameter of stack(m) : 0.15 mtr.
 Height of stack(m) : 9.14 mtr.
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 40.0
 Temperature of Stack Gases - Ts (°C) : 136.0
 Velocity of Stack Gases (m/sec.) : 7.61
 Flow rate of PM (LPM) : 20.0
 Flow rate of Gas (LPM) : 2.0
 Sampling condition : Isokinetic
 Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
1	Particulate Matter (as PM)	IS:11255 (P-1), Gravimetric Method, RA:2003	0.103	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.151	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	SOP, SP-194, Issue No.01:2018	0.060	gm/kw-hr	**
4	Carbon Monoxide (as CO)	SOP, SP-74, Issue No.01:2018	0.070	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

(Tested By)
ANALYST

SUBODH SHEKHAWAT
(Checked By)
TECHNICAL MANAGER





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/S/2107011001

Report No. : VEL/S/2107011001

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
- Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected by : VEL Representative (Mr. Rajkumar)
Date of Sampling : 30/06/2021
Sampling duration (Minutes) : 43.0
Stack attached to : DG Set No.2 (125 KVA)
Make of stack : MS
Diameter of stack(m) : 0.15 mtr.
Height of stack(m) : 9.14 mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 39.0
Temperature of Stack Gases - Ts (°C) : 143.0
Velocity of Stack Gases (m/sec.) : 8.0
Flow rate of PM (LPM) : 21.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

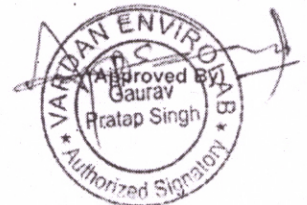
S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
1	Particulate Matter (as PM)	IS:11255 (P-1), Gravimetric Method, RA:2003	0.090	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.160	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	SOP, SP-194, Issue No.01:2018	0.059	gm/kw-hr	**
4	Carbon Monoxide (as CO)	SOP, SP-74, Issue No.01:2018	0.068	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

(Tested By) **ANALYST**

(Checked By) **SUBODH KHWAT**
DT. TECHNICAL MANAGER





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/S/2107011003

Report No. : VEL/S/2107011003

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 - Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : Stack Emission Monitoring

General Information

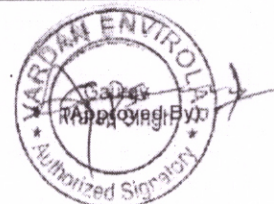
Sampling Location : Near Security Room
 Sample Collected by : VEL Representative (Mr. Rajkumar)
 Date of Sampling : 30/06/2021
 Sampling duration (Minutes) : 45.0
 Stack attached to : Boiler
 Make of stack : MS
 Diameter of stack(m) : 0.45 Mtr.
 Height of stack(m) : 30.48 Mtr.
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 40.0
 Temperature of Stack Gases - Ts (°C) : 128.0
 Velocity of Stack Gases (m/sec.) : 7.31
 Flow rate of PM (LPM) : 19.0
 Flow rate of Gas (LPM) : 2.0
 Sampling condition : Isokinetic
 Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
1	Particulate Matter (as PM)	IS:11255 (P-1), Gravimetric Method, RA:2003	31.44	mg/Nm ³	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	19.10	mg/Nm ³	--
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	52.29	mg/Nm ³	--
4	Carbon Monoxide (as CO)	SOP,SP-74, Issue No.01:2018	54.96	mg/Nm ³	

End of Report

(Tested By) RAJESH SH
ANALYST

(Checked By) SUBODH K HAWAT
DY. TECHNICAL MANAGER





Test Report

Sample Number : VEL/S/2109171001

Report No. : VEL/S/2109171001

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
- Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (14/09/2021),

Reporting Date : 20/09/2021

Period of Analysis : 17/09/2021-20/09/2021

Receipt Date : 17/09/2021

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
 Sample Collected By : VEL Representative (Mr. Kamal)
 Date of Sampling : 16/09/2021
 Sampling duration (Minutes) : 41.0
 Stack attached to : DG Set No.1 (250 KVA)
 Make of stack : MS
 Diameter of stack(m) : 0.15 mtr.
 Height of stack(m) : 9.14 mtr.
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 32.0
 Temperature of Stack Gases - Ts (°C) : 145.0
 Velocity of Stack Gases (m/sec.) : 7.99
 Flow rate of PM (LPM) : 22.0
 Flow rate of Gas (LPM) : 2.0
 Sampling condition : Isokinetic
 Protocol used : IS 11255 & EPA

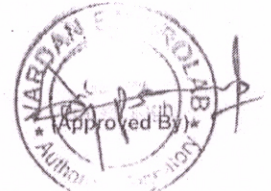
S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
1	Particulate Matter (as PM)	IS:11255 (P-1), Gravimetric Method, RA:2003	0.087	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.267	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	SOP, SP-194, Issue No.01:2018	0.102	gm/kw-hr	**
4	Carbon Monoxide (as CO)	SOP, SP-74, Issue No.01:2018	0.157	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

MAMTA NAYAK
 (Tester)
 ANALYST

(Checked By)
 S. JYOTI SHEKHAWAT





Test Report

Sample Number : VEL/S/2109171002

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/S/2109171002

Format No : 7.8 F-01

Party Reference No : By Mail (14/09/2021)

Reporting Date : 20/09/2021

Period of Analysis : 17/09/2021-20/09/2021

Receipt Date : 17/09/2021

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected By : VEL Representative (Mr. Kamal)
Date of Sampling : 16/09/2021
Sampling duration (Minutes) : 46.0
Stack attached to : DG Set No.2 (250 KVA)
Make of stack : MS
Diameter of stack(m) : 0.15 mtr.
Height of stack(m) : 9.14 mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 32.0
Temperature of Stack Gases - Ts (°C) : 165.0
Velocity of Stack Gases (m/sec.) : 7.40
Flow rate of PM (LPM) : 19.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

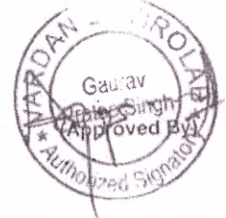
S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
1	Particulate Matter (as PM)	IS:11255 (P-1), Gravimetric Method, RA:2003	0.079	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.219	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	SOP, SP-194, Issue No.01:2018	0.104	gm/kw-hr	**
4	Carbon Monoxide (as CO)	SOP, SP-74, Issue No.01:2018	0.153	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

MAMTA NAYAK
(Tested By) ANALYST

SUBODH SHUKLA
(Checked By)





Vardan EnviroLab



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

Test Report

Sample Number : VEL/S/2109171003

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)

Report No. : VEL/S/2109171003
Format No : 7.8 F-01
Party Reference No : By Mail (14/09/2021)
Reporting Date : 20/09/2021
Period of Analysis : 17/09/2021-20/09/2021
Receipt Date : 17/09/2021

Sample Description : Stack Emission Monitoring

General Information

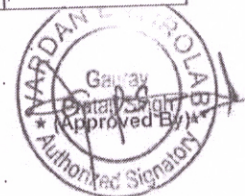
Sampling Location : Near Security Room
Sample Collected By : VEL Representative (Mr. Kamal)
Date of Sampling : 16/09/2021
Sampling duration (Minutes) : 41.0
Stack attached to : Boiler
Make of stack : MS
Diameter of stack(m) : 0.45 mtr.
Height of stack(m) : 30.48 mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 32.0
Temperature of Stack Gases - Ts (°C) : 185.0
Velocity of Stack Gases (m/sec.) : 8.67
Flow rate of PM (LPM) : 22.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
1	Particulate Matter (as PM)	IS:11255 (P-1), Gravimetric Method, RA:2003	44.23	mg/Nm3	150.0
2	Sulphur Dioxide (as SO2)	IS:11255 (P-2), Titrimetric Method, RA:2003	9.64	mg/Nm3	--
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	63.75	mg/Nm3	--
4	Carbon Monoxide (as CO)	SOP,SP-74, Issue No.01:2018	71.00	mg/Nm3	--

End of Report

Mahesh
MAHESH NAYAN
SR. ANALYST

Sudhakar
SUDHAKAR
Checked By
ANALYST



VEL/E/1/TR/PN3271

Annexure C
ETP & STP Test Reports



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report


Sample Number : VEL/WW/01
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)

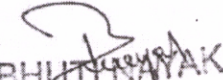
Report No. : VEL/WW/2107011001
Format No : 7.8 F-01
Party Reference No : By Mail (28-06-2021)
Reporting Date : 08/07/2021
Period of Analysis : 01/07/2021-07/07/2021
Receipt Date : 01/07/2021
Sampling Date : 30/06/2021
Sampling Quantity : 2.0 Ltrs
Sampling Type : Grab

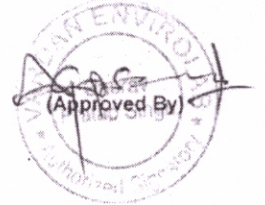
Sample Description : Waste Water (ETP Inlet)
Location : ETP Plant
Sample Collected by : VEL Representative (Mr. Rajkumar)
Preservation : Refrigerated
Sampling and Analysis Protocol : APHA & IS

S.No.	Test Parameters	Test Method	Result	Unit
1	pH	APHA 4500 H+B Electrometric Method:2017	8.91	--
2	Total Suspended Solids, max.	APHA 2540 D Gravimetric Method	62.0	mg/l
3	Oil & Grease, Max.	APHA 5520 B Partition Gravimetric Method:2017	1.60	mg/l
4	BOD (5 days @ 20°C) max.	APHA 5210 B Ultimate BOD Test:2017	242.00	mg/l
5	COD, Max.	APHA 5220 B Open Reflux Method:2017	4428.00	mg/l

End of Report


LAXMAN
Lab Analyst


BIBHUTANAYAK
(Checked by)
Dy. Technical Manager





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/WW/02
 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)

Report No. : VEL/WW/2107011002
 Format No : 7.8 F-01
 Party Reference No : By Mail (28-06-2021)
 Reporting Date : 08/07/2021
 Period of Analysis : 01/07/2021-07/07/2021
 Receipt Date : 01/07/2021
 Sampling Date : 30/06/2021
 Sampling Quantity : 2.0 Ltrs
 Sampling Type : Grab

Sample Description : Waste Water (ETP Outlet)
 Location : ETP Plant
 Sample Collected by : VEL Representative (Mr. Rajkumar)
 Preservation : Refrigerated
 Parameter Required : As per work order
 Analysis Protocol : APHA & IS

S.No.	Test Parameters	Test Method	Result	Unit	Limits as Per EPA (Sche.-VI)		
					Inland Surface Water	Public Sewers	Land for Irrigation
1	pH	APHA 4500 H+B Electrometric Method:2017	6.98	--	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0
2	Total Suspended Solids, max.	APHA 2540 D Gravimetric Method	9.0	mg/l	100.0	600.0	200.0
3	Oil & Grease, Max.	APHA 5520 B Partition Gravimetric Method:2017	0.80	mg/l	10.0	20.0	10.0
4	BOD (5 days @ 20°C) max.	APHA 5210 B Ultimate BOD Test:2017	21.0	mg/l	30.0	350.0	100.0
5	COD, Max.	APHA 5220 B Open Reflux Method:2017	163.00	mg/l	250.0	--	--

This report complies as Per EPA (Sche.-VI)

End of Report

Lab Analyst

BIBHUSHAN NAYAK
(Checked By)
Dy. Technical Manager





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/WW/03

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)

Report No. : VEL/WW/2107011003

Format No : 7.8 F-01

Party Reference No : By Mail (28-06-2021)

Reporting Date : 08/07/2021

Period of Analysis : 01/07/2021-07/07/2021

Receipt Date : 01/07/2021

Sampling Date : 30/06/2021

Sampling Quantity : 2.0 Ltrs .

Sampling Type : Grab

Sample Description : Waste Water (STP Outlet)
Location : STP Plant
Sample Collected by : VEL Representative (Mr. Rajkumar)
Preservation : Refrigerated
Parameter Required : As per work order
Analysis Protocol : APHA & IS

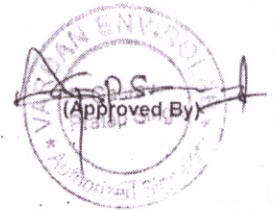
S.No.	Test Parameters	Test Method	Result	Unit	Limits as Per EPA (Sche.-VI)		
					Inland Surface Water	Public Sewers	Land for Irrigation
1	pH	APHA 4500 H+B Electrometric Method:2017	7.80	--	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0
2	Total Suspended Solids, max.	APHA 2540 D Gravimetric Method	8.0	mg/l	100.0	600.0	200.0
3	Oil & Grease, Max.	APHA 5520 B Partition Gravimetric Method:2017	0.40	mg/l	10.0	20.0	10.0
4	BOD (5 days @ 20°C) max.	APHA 5210 B Ultimate BOD Test:2017	11.0	mg/l	30.0	350.0	100.0
5	COD, Max.	APHA 5220 B Open Reflux Method:2017	69.0	mg/l	250.0	--	--

This report complies as Per EPA (Sche.-VI)

End of Report

Lab Analyst

Dy. Technical Manager
(Checked By)





Vardan EnviroLab



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

Test Report

Sample Number : VEL/WWW/01
 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)

Report No. : VEL/WWW/2109171001
 Format No : 7.8 F-01
 Party Reference No : By Mail (14/09/2021)
 Reporting Date : 24/09/2021
 Period of Analysis : 17/09/2021-23/09/2021
 Receipt Date : 17/09/2021
 Sampling Date : 16/09/2021
 Sampling Quantity : 2.0 Ltrs
 Sampling Type : Grab

Sample Description : Waste Water (ETP Inlet)
 Location : ETP Plant (2 K.L.D.)
 Sample Collected by : VEL Representative (Mr. Kamal)
 Preservation : Refrigerated
 Sampling and Analysis Protocol : APHA & IS

S.No.	Test Parameters	Test Method	Result	Unit
1	pH	APHA 4500 H+B Electrometric Method:2017	9.60	--
2	Total Suspended Solids, max.	APHA 2540 D Gravimetric Method	170.00	mg/l
3	Oil & Grease, Max.	APHA 5520 B Partition Gravimetric Method:2017	2.40	mg/l
4	BOD (5 days @ 20°C) max.	APHA 5210 B Ultimate BOD Test:2017	1083.00	mg/l
5	COD, Max.	APHA 5220 B Open Reflux Method:2017	4569.00	mg/l

End of Report

Laxman
LAXMAN
Lab Analyst

Bidhan
Dy. Technician
(Checked By)



VEL/E/1/TR/PN3468



Vardan EnviroLab



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

Test Report

Sample Number : VEL/WWW/02
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)

Report No. : VEL/WWW/2109171002
Format No : 7.8 F-01
Party Reference No : By Mail (14/09/2021)
Reporting Date : 23/09/2021
Period of Analysis : 17/09/2021-23/09/2021
Receipt Date : 17/09/2021
Sampling Date : 16/09/2021
Sampling Quantity : 2.0 Ltrs
Sampling Type : Grab

Sample Description : Waste Water (ETP Outlet)
Location : ETP Plant (2 K.L.D)
Sample Collected By : VEL Representative (Mr. Kamal)
Preservation : Refrigerated
Parameter Required : As per work order
Analysis Protocol : APHA & IS

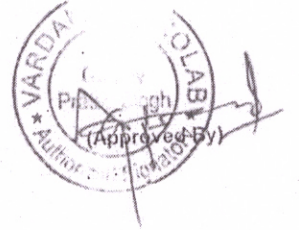
S.No.	Test Parameters	Test Method	Result	Unit	Limits as Per EPA (Sche.-VI)		
					Inland Surface Water	Public Sewers	Land for Irrigation
1	pH	APHA 4500 H+B Electrometric Method:2017	7.18	--	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0
2	Total Suspended Solids, max.	APHA 2540 D Gravimetric Method	31.0	mg/l	100.0	600.0	200.0
3	Oil & Grease, Max.	APHA 5520 B Partition Gravimetric Method:2017	0.50	mg/l	10.0	20.0	10.0
4	BOD (5 days @ 20°C) max.	APHA 5210 B Ultimate BOD Test:2017	28.0	mg/l	30.0	350.0	100.0
5	COD, Max.	APHA 5220 B Open Reflux Method:2017	182.00	mg/l	250.0	--	--

This report complies as Per EPA (Sche.-VI)

End of Report

Lab Analyst

(Checked By)
Dy. Technical Manager



VEL/E/1/TR/PN3464



Vardan EnviroLab



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

Test Report

Sample Number : VEL/WW/03
 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)

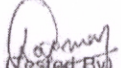
Report No. : VEL/WW/2109171003
 Format No : 7.8 F-01
 Party Reference No : By Mail (14/09/2021)
 Reporting Date : 24/09/2021
 Period of Analysis : 17/09/2021-23/09/2021
 Receipt Date : 17/09/2021
 Sampling Date : 16/09/2021
 Sampling Quantity : 2.0 Ltrs
 Sampling Type : Grab

Sample Description : Waste Water (STP Outlet)
 Location : STP Plant
 Sample Collected By : VEL Representative (Mr. Kamal)
 Preservation : Refrigerated
 Parameter Required : As per work order
 Analysis Protocol : APHA & IS

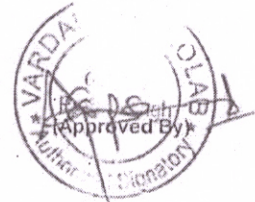
S.No.	Test Parameters	Test Method	Result	Unit	Limits as Per EPA (Sche.-VI)		
					Inland Surface Water	Public Sewers	Land for Irrigation
1	pH.	APHA 4500 H+B Electrometric Method:2017	7.58	--	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0
2	Total Suspended Solids, max.	APHA 2540 D Gravimetric Method	11.0	mg/l	100.0	600.0	200.0
3	Oil & Grease, Max.	APHA 5520 B Partition Gravimetric Method:2017	0.40	mg/l	10.0	20.0	10.0
4	BOD (5 days @ 20°C) max.	APHA 5210 B Ultimate BOD Test:2017	19.0	mg/l	30.0	350.0	100.0
5	COD, Max.	APHA 5220 B Open Reflux Method:2017	81.0	mg/l	250.0	--	--

This report complies as Per EPA (Sche.-VI)

End of Report


 (Tested By)
LAXMAN
 Lab Analyst


 (Checked By)
 Dy. Technical Manager



EL/E/I/TR/PN3463

Annexure D

Consent to Operate and Authorisation



HARYANA STATE POLLUTION CONTROL BOARD

1st Floor, Phagna Tower, ward no 10, National Highway No.2, Near red Rocks Cinema, Palwal.

Email:- hspcbropal@gmail.com

E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 313126321PALCTO12877037

Dated:01/08/2021

To.

M/s :Maharani Innovative Paints Pvt Ltd
49 KM MR V PO Prithla Palwal Tehsil Distt Palwal Haryana

Subject: Grant of consent to operate to M/s Maharani Innovative Paints Pvt Ltd.

Please refer to your application no. 12877037 received on dated 2021-06-22 in regional office Palwal. With reference to your above application for consent to operate, M/s Maharani Innovative Paints Pvt Ltd is here by granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	01/10/2021 - 31/03/2026
Industry Type	Paint blending and mixing (Ball mill)
Category	ORANGE
Investment(In Lakh)	3225.1299
Total Land Area(Sq. meter)	46168.26
Total Builtup Area(Sq. meter)	15418.74
Quantity of effluent	
1. Trade	7.0 KL/Day
2. Domestic	30.0 KL/Day
Number of outlets	2.0
Mode of discharge	
1. Domestic	Horticulture and Irrigation
2. Trade	Horticulture and Irrigation
Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
Trade Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
Number of stacks	1
Height of stack	
1. Stack of Boiler	30 Mtr

Emission parameters	
1. NA	
Product Details	
1. Surface Treatment Chemicals	3.33 Kilo liters/Day
2. Resins	20 Kilo liters/Day
3. Thinner	20 Kilo liters/Day
4. Sealer	20 Kilo liters/Day
5. lacquer	20 Kilo liters/Day
6. Special Coatings	13.33 Kilo liters/Day
7. Paints Topcoats	20 Kilo liters/Day
Capacity of boiler	
1. PNG Boiler	0.85 Ton/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. PNG	522 KG/Day
Raw Material Details	
Pigments	4.66 Metric Tonnes/Day
Industrial Paint Sludge	1.5 Metric Tonnes/Day
Additives	0.66 Metric Tonnes/Day
Filters	9 Metric Tonnes/Day
Solvents	5 Metric Tonnes/Day
Epoxied	21.6 Metric Tonnes/Day
Polyrster Other Resins	10 Metric Tonnes/Day

VIJAY
CHAUDHARY

Digitally signed by VIJAY CHAUDHARY
DN: cn=VIJAY CHAUDHARY, o=Haryana, ou=Haryana State Pollution Control Board, serialNumber=10003308613851, c=IN
Date: 2021.08.01 18:29:05 +05'30'

Regional Officer, Palwal
Haryana State Pollution Control Board.

Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control

equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.

6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.
14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

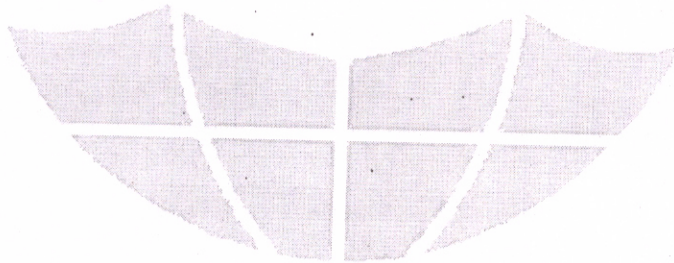
1 Unit will apply for the CTO 90 days before expiry of CTO. 2 Unit will maintained the daily log-book of energy meters, chemical stock and flow meters of ETP/STP/APCM . 3 unit will not change the product without Board permission 4 Unit will follow the all ACTS/Rules/Regulation issued by the HSPCB/CPCB/NGT time to time in future. 5 Unit will submit the AR within 90 days from this CTO granted period . 6. Unit should complying the directions, conditions, guidelines, orders and rules etc. issued by Monitoring committee / EPCA, HSPCB, CPCB, MoEF, Hon'ble High Court & Hon'ble Supreme Court of India time to time, otherwise CTE so granted shall be revoked without giving any further notice 7. A detailed water harvesting plan may be submitted by the project proponent. 8. That in case any additional charges / fees / penalty etc. are found payable towards this authorization / CTO/ CTE as per audit then the same shall be paid by the unit without any objection immediately as and when demanded by this office 9. If at any stage found that unit was involved in any past

violation regarding Environment Laws / Rules / Acts then CTE/CTO so granted shall be revoked automatically & legal action will be initiated against the project proponent. 10. Unit will use underground water after obtaining approval from concerned authority. 11. That this CTE/CTO will not provide any immunity from any other Act/Rules/Regulations applicable to the project/land in question. 12. Unit will not use in their process as a fuel i.e. pet coke, furnace oil, LSHS. And unit will use only PNG fired Boiler and not change fuel without prior approval of the board. 13. Unit will try to change the fuel from coal, wood and any other type material etc to cleaner fuels namely, natural gas (PNG/CNG), liquefied petroleum gas, bio gas, propane etc. in DG sets . 14. Stack emission level should be stringent than the existing standards in terms of the identified critical pollutants. 15. Increase of green belt cover by 40% of the total land area beyond the permissible requirement of 33%, wherever feasible. 16. Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry etc. 17. Unit will not change the quantity of domestic effluent/Air emission without prior permission of the Board. 18. Unit will obtain all necessary clearance from all concerned departments/Authorities 19. Unit will comply all the Act/Rules/Notification/Directions i.e. HOWM Rules, E-waste Rules , PMW Rules, BMW Rules, Battery Rules and MSW Rules etc. 20 Unit will dispose off their waste/spent oil of DG sets only to authorized recyclers by the HSPCB and ETP Sludge and other waste will be handed over to CTSDFs i.e. GEPIL. 21. Unit will submit the compliance of CTE/CTO conditions within 90 days.

HARYANA STATE

Regional Officer, Palwal

Haryana State Pollution Control Board.





Haryana State Pollution Control Board

1st Floor, Phagna Tower, ward no 10, National Highway No.2, Near red Rocks
Cinema, Palwal. Email:- hspcbropal@gmail.com



No. :HWM/PAL/2021/5755548

DT: 12/08/2021

To

M/s Maharani Innovative Paints Pvt Ltd
49 KM MR V PO Prithla Palwal Tehsil Distt Palwal Haryana
Palwal

Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundry Movement) Rules, 2016

- Reference of application:5755548 dated: 12/08/2021
- B R BHATIA of Maharani Innovative Paints Pvt Ltd is hereby granted an authorization for generation, collection, storage on the premises situated at 49 KM MR V PO Prithla Palwal Tehsil Distt Palwal Haryana

HARYANA STATE Details of Authorization

S.No.	Name of process and Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity
1	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Chemical sludge from waste water treatment	Through GEPIL	0.6 T/Annum
2	Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Used/spent oil	Through Recycler	0.3 KL/Annu m

- The authorization shall be valid for a period of 01/10/2021 to 31/03/2026
- The authorization is subject to the following general and specific conditions :-

- (i) 1.The unit will provide proper sampling arrangements on their stacks and effluent sources as applicable. 2.The unit will install adequate acoustic enclosures/chambers on their DG SETS with proper stack height as per prescribed norms to meet the prescribed standards under EP Rules,1986. 3.The unit will comply all the provisions of HOWM Rules,2016. 4. The unit will submit the Annual Report under HOWM Rules by 30th June every year. 5. Unit will comply all the directions mentioned in E-Waste Rules, 2011 and 2016. 6. Unit will not dump or disposed off any hazardous waste outside the premises unscientifically and on unauthorized site and not sale any hazardous waste to any local kabadi/person. Unit will dispose off their hazardous waste only to authorized by SPCB/CPCB service provider / agency and will submit report to this office as per HWM Rules 2016. 7. Unit will generate / store hazardous waste inside the premises of the unit as per mentioned in Rules of HOWM Rules, 2016, Guidelines and orders issued by CPCB time to time. 8. Unit will not use petcoke and furnace oil as a fuel in boiler or any other activities without prior permission from Competent Authority. 9. Unit will comply the conditions of Construction and Demolition Waste Management Rules, 2016. 10. The unit will comply all the directions issued time to time by SPCB, CPCB, MOEF and other State / Central Government Agencies and EPCA. 11. That in case any additional charges / fees / panelyt etc. are found payable towards this authorization as per audit then the same shall be paid by the unit without any objection immediately as and when demanded by this office. 12. If at any stage found that unit was involved in any past violation regarding Environment Laws / Rules / Acts then CTO/CTE/authorizationso granted shall be revoked & legal action will be initiate against the project proponent. 13. That this authorization will not provide any immunity from any other Act/Rules/Regulations applicable to the project/land in question. 14. Unit will submit proof of display board installed near main gate as per specifications mentioned in Rules. 15. The unit will obtain all necessary clearances from the concerned authorities and will adhere to all the applicable Environmental Laws/Acts/Notification regularly. In case of any violation found at any stage, this authorization under HWM Rules will be revoked. 16. Unit will obtain PNG connection and use PNG in their process as per guidelines of EPCA/CPCB/HSPCB/Hon'ble NGT. 17. Unit will submit copy of manifesto and agreement with used oil recycler. 18. Unit will submit the renewed agreement made with GEPIL/Oil recycler before expiry of agreement. 19. Unit will comply the SOPs guidelines issued by CPCB time to time in future. 20. Unit will mentioned logbook of Hazardous Waste. 20. The unit will submit compliance report of general and specific conditions within 30 days.

VIJAY
CHAUDHARY

Digitally signed by VIJAY CHAUDHARY
DN: cn=VIJAY CHAUDHARY, o=Haryana, ou=Haryana State Pollution Control Board, ou=Engineering Department, email=vijs@hpscbspcb.org, c=IN, s=192201e55e2f9e2020285d1e588a429c2e
Date: 2021.08.12 09:30:16 +05'30'

Regional Officer Palwal

For Haryana State Pollution Control Board

Conditions of Authorization:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorised change is personnel equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorization.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.

6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. An application for the renewal of an authorization shall be made as laid down under these Rules.
8. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30 th for the period ensuring 31 st March of the year.

**Regional Officer Palwal
For Haryana State Pollution Control Board**



Annexure E
Ambient Air Quality Test Reports



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/A/2107011001

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)

Report No. : VEL/A/2107011001

Format No : 7.8 F-01

Party Reference No. : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Main Gate
Sample Collected by : VEL Representative (Mr. Rajkumar)
Sampling Equipment used : RDS-FPS
Instrument Code : VEL/RDS- FPS/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 30/06/2021 To 01/07/2021
Time of Monitoring : 10:00 AM to 10:00 AM
Ambient Temperature (°C) : Min. 26°C to Max. 39°C
Surrounding Activity : Human & Other 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	88.38	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	49.90	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	36.59	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.05	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.74	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*ND	µg/m ³	5.0
7	Ammonia (as NH ₃)	SOP, SP-207, Issue No.01, Based on CPCB Guidelines:2018	11.10	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	24.10	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	µg/m ³	1.0
10	Arsenic (as As)	IS:5182 (P-22), :2004	*ND	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	ng/m ³	20.0

VARDAN ENVIROLAB
Page No. 1/2
Pratap Singh



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/A/2107011001

Report No. : VEL/A/2107011001

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

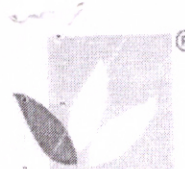
*ND-Not Detectable

End of Report

(Tested By)
ROHIT SINGH
ANALYST

SUBODH SIKHAWAT
(Checked By)
S.T. TECHNICAL MANAGER





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/A/2107011002

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)

Report No. : VEL/A/2107011002
Format No : 7.8 F-01
Party Reference No : By Mail (28-06-2021)
Reporting Date : 03/07/2021
Period of Analysis : 01/07/2021-03/07/2021
Receipt Date : 01/07/2021.

Sample Description : AMBIENT AIR

General Information
Sampling Location : Finished Product Area
Sample Collected by : VEL Representative (Mr. Rajkumar)
Sampling Equipment used : RDS-FPS
Instrument Code : VEL/RDS- FPS/03
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 30/06/2021 To 01/07/2021
Time of Monitoring : 10:15 AM to 10:15 AM
Ambient Temperature (°C) : Min. 27°C to Max. 40°C
Surrounding Activity : Human & Other 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	86.66	µg/m³	100
2	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	45.74	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	29.12	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	11.28	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.81	mg/m³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*ND	µg/m³	5.0
7	Ammonia (as NH3)	SOP, SP-207, Issue No.01, Based on CPCB Guidelines:2018	9.98	µg/m³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	21.12	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	µg/m³	1.0
10	Arsenic (as As)	IS:5182 (P-22), :2004	*ND	ng/m³	6.0
11	Nickel (as Ni)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	ng/m³	20.0

VARDAN ENVIROLAB
Page No. 1/2
Gaurav
Pradeep Singh



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/A/2107011002

Report No. : VEL/A/2107011002

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

*ND-Not Detectable

End of Report

(Tested By)
Pratap Singh
ANALYST

Subodh K. Hawat
SUBODH K. HAWAT
Sr. TECHNICAL MANAGER





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/A/2107011003

Report No. : VEL/A/2107011003

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
- Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

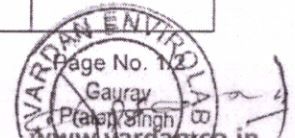
Receipt Date : 01/07/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Raw Material Store
Sample Collected by : VEL Representative (Mr. Rajkumar)
Sampling Equipment used : RDS-FPS
Instrument Code : VEL/RDS- FPS/02
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 30/06/2021 To 01/07/2021
Time of Monitoring : 10:30 AM to 10:30 AM
Ambient Temperature (°C) : Min. 29°C to Max. 40°C
Surrounding Activity : Human & Other 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	90.72	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	58.21	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	24.77	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	11.47	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.73	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*ND	µg/m ³	5.0
7	Ammonia (as NH ₃)	SOP, SP-207, Issue No.01, Based on CPCB Guidelines:2018	12.55	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	18.34	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	µg/m ³	1.0
10	Arsenic (as As)	IS:5182 (P-22), :2004	*ND	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	ng/m ³	20.0





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/A/2107011003

Report No. : VEL/A/2107011003

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

*ND-Not Detectable

End of Report

(Tested By)
[Signature]
ANALYST

[Signature]
SUBODH SHUKHAWAT
DY. TECHNICAL MANAGER





Test Report

Sample Number : VEL/A/2109171001

Report No. : VEL/A/2109171001

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
- Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (14/09/2021)

Reporting Date : 20/09/2021

Period of Analysis : 17/09/2021-20/09/2021

Receipt Date : 17/09/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Main Gate
Sample Collected By : VEL Representative (Mr. Kamal)
Sampling Equipment used : RDS/FPS/
Instrument Code : VEL/RDS/FPS/10
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/09/2021 To 17/09/2021
Time of Monitoring : 01:00 PM to 01:00 PM
Ambient Temperature (°C) : Min.25°C, Max.33°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	86.43	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	45.74	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	27.25	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	11.83	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.73	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*ND	µg/m ³	5.0
7	Ammonia (as NH ₃)	SOP, SP-207, Issue No.01, Based on CPCB Guidelines:2018	9.85	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	19.59	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	µg/m ³	1.0
10	Arsenic (as As)	IS:5182 (P-22), :2004	*ND	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	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/2109171001

Report No. : VEL/A/2109171001

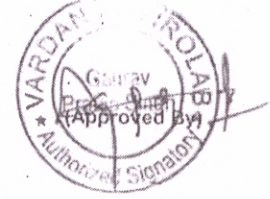
S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004	*ND	ng/m ³	1.0

**ND:-Not Detectable

End of Report

MAMTA NAYAK
(Tested By) **MAMTA NAYAK**
SR. ANALYST

SUSOON SHEKHAWAT
(Checked By) **SUSOON SHEKHAWAT**
Sr. Technical Analyst



VEL/E/11/17/1/PN3278



Test Report

Sample Number : VEL/A/2109171002

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)

Report No. : VEL/A/2109171002

Format No : 7.8 F-01

Party Reference No : By Mail (14/09/2021)

Reporting Date : 20/09/2021

Period of Analysis : 17/09/2021-20/09/2021

Receipt Date : 17/09/2021

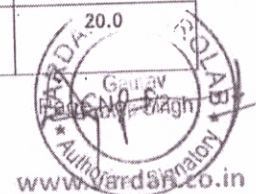
Sample Description : AMBIENT AIR

General Information
 Sampling Location : Raw Material Store
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/SLM/12
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021 To 17/09/2021
 Time of Monitoring : 01:30 PM to 01:30 PM
 Ambient Temperature (°C) : Min.25°C, Max.33°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	82.41	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	49.90	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	26.15	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	9.40	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.75	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*ND	µg/m ³	5.0
7	Ammonia (as NH ₃)	SOP, SP-207, Issue No.01, Based on CPCB Guidelines:2018	8.23	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	18.08	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	µg/m ³	1.0
10	Arsenic (as As)	IS:5182 (P-22), :2004	*ND	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	ng/m ³	20.0



VEL/E/1/1/1/R/PN3283





Test Report

Sample Number : VEL/A/2109171002

Report No. : VEL/A/2109171002

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

**ND:-Not Detectable

End of Report

MAMTA NAYAK
(Tested by) ANALYST

Checked By
D.G. TECHNICAL MANAGER





Test Report

Sample Number : VEL/A/2109171003

Report No. : VEL/A/2109171003

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
- Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (14/09/2021)

Reporting Date : 20/09/2021

Period of Analysis : 17/09/2021-20/09/2021

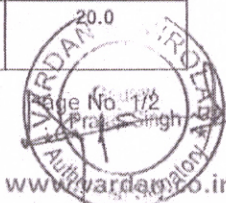
Receipt Date : 17/09/2021

Sample Description : AMBIENT AIR

General Information

Sampling Location : Finished Products Area
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : RDS/FPS
 Instrument Code : VEL/RDS/FPS/08
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021 To 17/09/2021
 Time of Monitoring : 02:00 PM to 02:00 PM
 Ambient Temperature (°C) : Min.25°C, Max.33°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	90.79	µg/m ³	100
2	Particulate Matter (as PM - 2.5)	SOP No. VEL/SOP/01, Section No. SP 63:2013	54.05	µg/m ³	60
3	Nitrogen Dioxides (as NO ₂)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	28.37	µg/m ³	80
4	Sulphur Dioxide (as SO ₂)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.01	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.77	mg/m ³	4.0
6	Benzene (as C ₆ H ₆)	IS:5182 (P-11) :2004	*ND	µg/m ³	5.0
7	Ammonia (as NH ₃)	SOP, SP-207, Issue No.01, Based on CPCB Guidelines:2018	10.98	µg/m ³	400.0
8	Ozone (as O ₃)	IS:5182 (P-9), Colorimetric Method, RA:2003	21.09	µg/m ³	180.0
9	Lead (as Pb)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	µg/m ³	1.0
10	Arsenic (as As)	IS:5182 (P-22), :2004	*ND	ng/m ³	6.0
11	Nickel (as Ni)	IS:5182 (P-22), Air Acetylene Method, RA:2009	*ND	ng/m ³	20.0



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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/2109171003

Report No. : VEL/A/2109171003

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

**ND:-Not Detectable

End of Report

Mamta Nayak
MAMTA NAYAK
(Tested By) ANALYST

Sunil
(Checked By)
SUNIL SHEKHAWAT
E-MAIL: sunil@vardanenviro.com

[Signature]
(Approved By)
VARDAN ENVIROLAB
GURUGRAM



Annexure F

Noise Monitoring reports (DG & Work Zone)



Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/N/2107011003

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)

Report No. : VEL/N/2107011003

Format No : 7.8 F-01

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : Workzone Noise Monitoring

General Information

Sampling Location : Resin Plant
 Sample Collected by : VEL Representative (Mr. Rajkumar)
 Sampling Equipment used : Sound Level Meter
 Instrument Code : VEL/SLM/04
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 30/06/2021
 Time of Monitoring : 10:00 AM to 10:30 AM
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Control measure if Any : No
 Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
 Sampling Duration : 30.0 min
 Parameter Required : As per work order

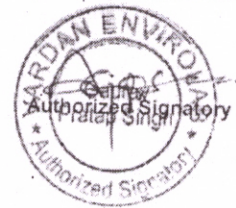
S.No.	Parameters	Test Method	Results
1	Lmax	CPCB Guidelines & IS:9989	78.9
2	Lmin	CPCB Guidelines & IS:9989	56.2
3	Leq.	CPCB Guidelines & IS:9989	72.7
4	CPCB Limit in Leq dB(A) (Factory Limit)	---	90

End of Report

(Tested By)

RAJAN SINGH
ANALYST

SUBODH SHEKHAWAT
DY. TECHNICAL MANAGER





Vardan EnviroLab



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/N/2107011004

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)

Report No. : VEL/N/2107011004

Format No : 7.8 F-01

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : Workzone Noise Monitoring

General Information

Sampling Location : Liquid Section

Sample Collected by : VEL Representative (Mr. Rajkumar)

Sampling Equipment used : Sound Level Meter

Instrument Code : VEL/SLM/04

Instrument Calibration Status : Calibrated

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 30/06/2021

Time of Monitoring : 10:45 AM to 11:15 AM

Surrounding Activity : Human & Vehicular Activities

Scope of Monitoring : Regulatory Requirement

Control measure if Any : No

Sampling & Analysis Protocol : CPCB Guidelines & IS-9989

Sampling Duration : 30.0 min.

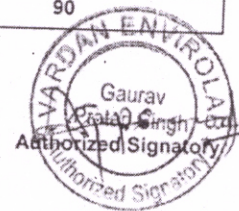
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results
1	Lmax	CPCB Guidelines & IS:9989	72.8
2	Lmin	CPCB Guidelines & IS:9989	51.5
3	Leq.	CPCB Guidelines & IS:9989	66.9
4	CPCB Limit in Leq dB(A) (Factory Limit)	---	90

End of Report

(Tested By)
ROYAL SINGH
ANALYST

SUBODH SHEKHAWAT
(Checked By)
TECHNICAL MANAGER





Vardan EnviroLab

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

Sample Number : VEL/N/2107011005

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)

Report No. : VEL/N/2107011005

Format No : 7.8 F-01

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : Workzone Noise Monitoring

General Information

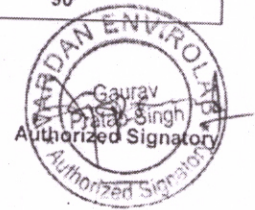
Sampling Location : Sludge Printer Area
 Sample Collected by : VEL Representative (Mr. Rajkumar)
 Sampling Equipment used : Sound Level Meter
 Instrument Code : VEL/SLM/04
 Instrument Calibration Status : Calibrated.
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 30/06/2021
 Time of Monitoring : 11:30 AM to 12:00 PM
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Control measure if Any : No
 Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
 Sampling Duration : 30.0 min.
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Results
1	Lmax	CPCB Guidelines & IS:9989	74.6
2	Lmin	CPCB Guidelines & IS:9989	59.8
3	Leq.	CPCB Guidelines & IS:9989	68.2
4	CPCB Limit in Leq dB(A) (Factory Limit)	---	90

End of Report

(Tested By)
SUBODH SINGH
ANALYST

(Checked By)
SUBODH SHEKHAWAT
DY. TECHNICAL MANAGER





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

Sample Number : VEL/N/2107011001

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)

Report No. : VEL/N/2107011001

Format No : 7.8 F-01

Party Reference No : By Mail (28-06-2021)

Reporting Date : 03/07/2021

Period of Analysis : 01/07/2021-03/07/2021

Receipt Date : 01/07/2021

Sample Description : DG Noise

General Information

Sampling Location : DG Set No-1 (250 KVA)
Sample Collected by : VEL Representative (Mr. Rajkumar)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 30/06/2021
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS 9989
Sampling duration (Minutes) : 30.0
Parameter Required : As per work order

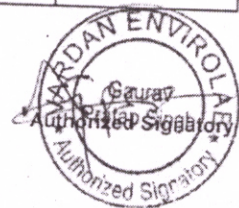
S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close th canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
1	Leq	CPCB Guidelines & Indian Standard:9989	94.6	68.8	25.8
2	CPCB Limit in Leq dB (A)	-	--	75.0 (max.)	25.0 (Min.)

End of Report

(Tested By)

RAJAL SINGH
ANALYST

SUBODH SHEKHAWAT
(Checked By)
DT. TECHNICAL MANAGER





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Test Report

Sample Number : VEL/N/2107011002

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)

Report No. : VEL/N/2107011002
Format No : 7.8 F-01
Party Reference No : By Mail (28-06-2021)
Reporting Date : 03/07/2021
Period of Analysis : 01/07/2021-03/07/2021
Receipt Date : 01/07/2021

Sample Description : DG Noise

General Information

Sampling Location : DG Set No-2 (125 KVA)
Sample Collected by : VEL Representative (Mr. Rajkumar)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 30/06/2021
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS 9989
Sampling duration (Minutes) : 30:0
Parameter Required : As per work order

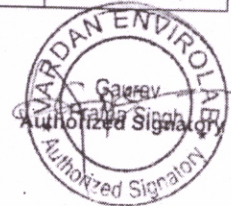
S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close th canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
1	Leq	CPCB Guidelines & Indian Standard:9989	95.1	69.5	25.6
2	CPCB Limit in Leq dB (A)	--	--	75.0 (max.)	25.0 (min.)

End of Report

(Tested By)

KOMAL SINGH
ANALYST

SUBODH SHEKHAWAT
(Checked By)
DT. TECHNICAL MANAGER





Test Report

Sample Number : VEL/N/2109171003
 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)
 Sample Description : Workzone Noise Monitoring

Report No. : VEL/N/2109171003
 Format No : 7.8 F-01
 Party Reference No : By Mail (14/09/2021)
 Reporting Date : 20/09/2021
 Period of Analysis : 17/09/2021-20/09/2021
 Receipt Date : 17/09/2021

General Information
 Sampling Location : Sludge Printer Area
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : Sound Level Meter
 Instrument Code : VEL/SLM/04
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021
 Time of Monitoring : 11:30 AM to 12:00 PM
 Surrounding Activity : Human & Others Activities
 Scope of Monitoring : Regulatory Requirement
 Control measure if Any : No
 Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
 Sampling Duration : 30.0 Min.
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Results
1	Lmax	CPCB Guidelines & IS:9989	82.4
2	Lmin	CPCB Guidelines & IS:9989	52.8
3	Leq.	CPCB Guidelines & IS:9989	76.9
4	CPCB Limit in Leq dB(A) (Factory Limit)	---	90

End of Report

(Signature)
MAMTA NAYAK
 SR. ANALYST

(Signature)
 (Checked By)
 HAWAT





Vardan EnviroLab



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

Sample Number : VEL/N/2109171004

Report No. : VEL/N/2109171004

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

Format No : 7.8 F-01
Party Reference No : By Mail (14/09/2021)
Reporting Date : 20/09/2021
Period of Analysis : 17/09/2021-20/09/2021
Receipt Date : 17/09/2021

Sample Description : Workzone Noise Monitoring

General Information

Sampling Location : Liquid Section
Sample Collected By : VEL Representative (Mr. Kamal)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/09/2021
Time of Monitoring : 12:15 PM to 12:45 PM
Surrounding Activity : Human & Others Activities
Scope of Monitoring : Regulatory Requirement
Control measure if Any : No
Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
Sampling Duration : 30.0 Min.
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results
1	Lmax	CPCB Guidelines & IS:9989	79.5
2	Lmin	CPCB Guidelines & IS:9989	55.2
3	Leq.	CPCB Guidelines & IS:9989	74.8
4	CPCB Limit in Leq dB(A) (Factory Limit)	---	90

End of Report

[Signature]
TA NAYAK
SR. ANALYST

[Signature]
SUDHAKAR KHANDAT
(Checked By)
TECHNICAL





Vardan EnviroLab



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

Test Report

Sample Number : VEL/N/2109171005

Report No. : VEL/N/2109171005

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
- Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (14/09/2021)

Reporting Date : 20/09/2021

Period of Analysis : 17/09/2021-20/09/2021

Receipt Date : 17/09/2021

Sample Description : Workzone Noise Monitoring

General Information

Sampling Location : Resin Plant
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : Sound Level Meter
 Instrument Code : VEL/SLM/04
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021
 Time of Monitoring : 01:00 PM to 01:30 PM
 Surrounding Activity : Human & Vehicular Activities
 Scope of Monitoring : Regulatory Requirement
 Control measure if Any : No
 Sampling & Analysis Protocol : CPCB Guidelines & IS-9989
 Sampling Duration : 30.0 Min.
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Results
1	Lmax	CPCB Guidelines & IS:9989	75.3
2	Lmin	CPCB Guidelines & IS:9989	50.4
3	Leq.	CPCB Guidelines & IS:9989	69.8
4	CPCB Limit in Leq dB(A) (Factory Limit)	---	90

End of Report

Mamta
 MAMTA
 (Tested By)
 SR. ANALYST

Sudhakar
 SUDHAKAR
 (Checked By)
 Sr. Technical





Vardan EnviroLab



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

Test Report

Sample Number : VEL/N/2109171001

Report No. : VEL/N/2109171001

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-01
Party Reference No : By Mail (14/09/2021)
Reporting Date : 20/09/2021
Period of Analysis : 17/09/2021-20/09/2021
Receipt Date : 17/09/2021

Sample Description : DG Noise

General Information

Sampling Location : DG Set No-1(250 KVA)
Sample Collected By : VEL Representative (Mr Kamal)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/04
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/09/2021
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS 9989
Sampling duration (Minutes) : 30.0
Parameter Required : As per work order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close th canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
1	Leq	CPCB Guidelines & Indian Standard:9989	94.6	68.9	25.7
2	CPCB Limit in Leq dB (A)	--	--	75.00 (Max.)	25.00 (Min.)

End of Report

MAMTA
ANALYST
Tested By

SUNDESH KUMAR
(Checked By)
Sr. Technical





Vardan EnviroLab



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

Test Report

Sample Number : VEL/N/2109171002

Report No. : VEL/N/2109171002

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 - Prithla, Distt - Palwal, (Haryana) (Haryana)

Party Reference No : By Mail (14/09/2021)

Reporting Date : 20/09/2021

Period of Analysis : 17/09/2021-20/09/2021

Receipt Date : 17/09/2021

Sample Description : DG Noise

General Information

Sampling Location : DG Set No-2(250 KVA)
 Sample Collected By : VEL Representative (Mr. Kamal)
 Sampling Equipment used : Sound Level Meter
 Instrument Code : VEL/SLM/04
 Instrument Calibration Status : Calibrated
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 16/09/2021
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS 9989
 Sampling duration (Minutes) : 30.0 Min.
 Parameter Required : As per work order

S.No.	Parameters	Test Method	Open the canopy of DG Set Results dB(A)	Close th canopy of DG Set (1.0 mtr. Distance) Result dB(A)	Insertion Loss
1	Leq	CPCB Guidelines & Indian Standard:9989	95.2	69.3	25.9
2	CPCB Limit in Leq dB (A)	--	--	75.00 (Max.)	25.00 (Min.)

End of Report

MAMTA NAYAK
ANALYST

Checked By: *[Signature]*
TECHNICAL

