



Test Report

Sample Number : VEL/S/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/S/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 : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 13/09/2022
Sampling duration (Minutes) : 40.0
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) : 36.0
Temperature of Stack Gases - Ts (°C) : 150.0
Velocity of Stack Gases (m/sec.) : 8.34
Flow rate of PM (LPM) : 23.0
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	0.084	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.238	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/137, Issue No.-01, Issue Date - 01/11/2021	0.156	gm/kw-hr	**
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.183	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

(Checked By)

(Approved By)



Test Report

Sample Number : VEL/S/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/S/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 : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 13/09/2022
Sampling duration (Minutes) : 36.0
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) : 36.0
Temperature of Stack Gases - Ts (°C) : 142.0
Velocity of Stack Gases (m/sec.) : 8.35
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	0.093	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.256	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/137, Issue No.-01, Issue Date - 01/11/2021	0.165	gm/kw-hr	**
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.198	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

(Checked By)

(Approved By)





Test Report

Sample Number : VEL/S/03
Name & Address of the Party : M/s Maharani Innovative Paints Pvt. Ltd.
49th Km Stone, Khasra No. 122, Mathura Road, Village - Prithia, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/S/2209140003
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 : Stack Emission Monitoring

General Information

Sampling Location : Boiler Near Security Room
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 13/09/2022
Sampling duration (Minutes) : 42.0
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) : 36.0
Temperature of Stack Gases - Ts (°C) : 120.0
Velocity of Stack Gases (m/sec.) : 7.45
Flow rate of PM (LPM) : 23.0
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	24.68	mg/Nm ³	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	6.32	mg/Nm ³	Not Specified
3	Oxide of Nitrogen (as NO _x)	IS:11255 (P-7), Colorimetric Method, RA:2012	42.98	mg/Nm ³	Not Specified
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	35.43	mg/Nm ³	Not Specified

End of Report

(Checked By)

(Approved By)





Test Report

Sample Number : VEL/S/04
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/2209140004
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 : Stack Emission Monitoring

General Information

Sampling Location : Scrubber Area
Sample Collected By : VEL Representative (Mr. Priyanshu)
Date of Sampling : 13/09/2022
Sampling duration (Minutes) : 35.0
Stack attached to : Wet Scrubber
Make of stack : MS
Diameter of stack(m) : 0.35 Mtr.
Height of stack(m) : 3.5 Mtr. (from roof top)
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 36.0
Temperature of Stack Gases - Ts (°C) : 55.0
Velocity of Stack Gases (m/sec.) : 6.82
Flow rate of PM (LPM) : 26.0
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	13.62	mg/Nm ³	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	*ND	mg/Nm ³	Not Specified
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	*ND	mg/Nm ³	Not Specified
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	*ND	mg/Nm ³	Not Specified
5	Total Volatile Organic Compounds (VOCs)	SOP,SP-196, Issue No.01:2018	*ND	mg/Nm ³	Not Specified
6	Total Hydrocarbon (as Methane)	SOP, SP-194, Issue No.01:2018	*ND	mg/Nm ³	Not Specified
7	TOC	SOP,SP-192, Issue No.01:2018	*ND	mg/Nm ³	Not Specified


Gaurav Palap Singh
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Test Report

Sample Number : VEL/S/2206201004

Report No. : VEL/S/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 : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected By : VEL Representative (Mr. Sudhir)
Date of Sampling : 18/06/2022
Sampling duration (Minutes) : 44.0
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) : 115.0
Velocity of Stack Gases (m/sec.) : 6.80
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	0.075	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.193	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/137, Issue No.-01, Issue Date - 01/11/2021	0.109	gm/kw-hr	**
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.137	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

SUDHIR SHEKHAWAT
(Checked By)
DT. TECHNICAL MANAGER

(Approved By)





Test Report

Sample Number : VEL/S/2206201005

Report No. : VEL/S/2206201005

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

Format No : 7.8 F-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 : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected By : VEL Representative (Mr. Sudhir)
Date of Sampling : 18/06/2022
Sampling duration (Minutes) : 48.0
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) : 40.0
Temperature of Stack Gases - Ts (°C) : 110.0
Velocity of Stack Gases (m/sec.) : 6.20
Flow rate of PM (LPM) : 18.0
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	0.116	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	0.266	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/137, Issue No.-01, Issue Date - 01/11/2021	0.134	gm/kw-hr	**
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.149	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

SUDHIR SHEKHAWAT
(Checked By)
DT. TECHNICAL MANAGER

(Approved By)





Test Report

Sample Number : VEL/S/2206201006

Report No. : VEL/S/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 : Stack Emission Monitoring

General Information

Sampling Location : Scrubber Area
Sample Collected By : VEL Representative (Mr. Sudhir)
Date of Sampling : 18/06/2022
Sampling duration (Minutes) : 35.0
Stack attached to : Scrubber
Make of stack : MS
Diameter of stack(m) : 0.35 Mtr.
Height of stack(m) : 3.5 Mtr. from Roof Top
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 40.0
Temperature of Stack Gases - Ts (°C) : 52.0
Velocity of Stack Gases (m/sec.) : 7.30
Flow rate of PM (LPM) : 26.0
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	17.13	mg/Nm ³	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	*ND	mg/Nm ³	--
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	*ND	mg/Nm ³	--
4	Carbon Monoxide (as CO)	SOP,SP-74, Issue No.01:2018	*ND	mg/Nm ³	--
5	Total Volatile Organic Compounds (VOCs)	SOP,SP-196, Issue No.01:2018	*ND	mg/m ³	--
6	Total Hydrocarbon (as Methane)	SOP, SP-194, Issue No.01:2018	*ND	mg/Nm ³	--

*ND - Not Detectable

End of Report

SUBODH SHEKHAWAT
ANALYTICAL MANAGER
(Checked By)

(Approved By)

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Test Report

Sample Number : VEL/S/2206201006 **Report No. :** VEL/S/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 : Stack Emission Monitoring

General Information

Sampling Location : Scrubber Area
Sample Collected By : VEL Representative (Mr. Sudhir)
Date of Sampling : 18/06/2022
Sampling duration (Minutes) : 35.0
Stack attached to : Scrubber
Make of stack : MS
Diameter of stack(m) : 0.35 Mtr.
Height of stack(m) : 3.5 Mtr. from Roof Top
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 40.0
Temperature of Stack Gases - Ts (°C) : 52.0
Velocity of Stack Gases (m/sec.) : 7.30
Flow rate of PM (LPM) : 26.0
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	TOC	SOP, SP-192, Issue No.01:2018	*ND	mg/Nm ³	--

*ND - Not Detectable

End of Report

(Checked By)

(Approved By)





Test Report

Sample Number : VEL/S/2206201007

Report No. : VEL/S/2206201007

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 : Stack Emission Monitoring

General Information

Sampling Location : Boiler (Near Security Room)
Sample Collected By : VEL Representative (Mr. Sudhir)
Date of Sampling : 18/06/2022
Sampling duration (Minutes) : 45.0
Stack attached to : Bolier (1 Ton)
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) : 148.0
Velocity of Stack Gases (m/sec.) : 7.20
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	23.77	mg/Nm3	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	10.74	mg/Nm3	--
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	54.70	mg/Nm3	--
4	Carbon Monoxide (as CO)	SOP,SP-74, Issue No.01:2018	66.42	mg/Nm3	--

End of Report

SUSHEELA KHAWAT
D.Y. TECHNICAL MANAGER

(Approved By)
[Signature]

