



Test Report

Page No. 1/1

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/2306240001

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 30/06/2023

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

Receipt Date : 24/06/2023

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area

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

Date of Sampling : 22/06/2023

Sampling duration (Minutes) : 37.0

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) : 31.0

Temperature of Stack Gases - Ts (°C) : 130.0

Velocity of Stack Gases (m/sec.) : 8.61

Flow rate of PM (LPM) : 25.0

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)	0.069	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOx)	IS:11255 (P-7)	0.184	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	0.106	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	0.161	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report


30/06/2023
(Checked By)


(Approved By)

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Test Report

Page No. 1/1

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
- Priithla, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/S/2306240002

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 30/06/2023

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

Receipt Date : 24/06/2023

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected By : VEL Representative (Mr. Sher Singh)
Date of Sampling : 22/06/2023
Sampling duration (Minutes) : 38.0
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) : 30.0
Temperature of Stack Gases - Ts (°C) : 132.0
Velocity of Stack Gases (m/sec.) : 8.70
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)	0.077	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOx)	IS:11255 (P-7)	0.192	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	0.117	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	0.172	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report

(Checked By)  30/06/2023

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Test Report

Page No. 1/1

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
- Prithla, Dist - Palwal, Haryana (Haryana)

Report No. : VEL/S/2306240003

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 30/06/2023

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

Receipt Date : 24/06/2023

Sample Description : Stack Emission Monitoring

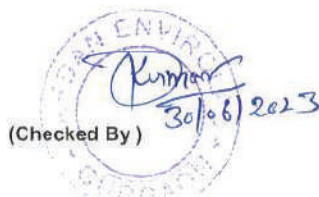
General Information

Sampling Location : Boiler Area
Sample Collected By : VEL Representative (Mr. Sher Singh)
Date of Sampling : 22/06/2023
Sampling duration (Minutes) : 39.0
Stack attached to : Boiler (1.0 ton)
Make of stack : MS
Diameter of stack(m) : 0.45 Mtr.
Height of stack(m) : 30.45 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 30.0
Temperature of Stack Gases - Ts (°C) : 130.0
Velocity of Stack Gases (m/sec.) : 6.63
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)	19.74	mg/Nm3	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2)	BLQ(LOQ-2.0)	mg/Nm3	Not Specified
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7)	BLQ(LOQ-0.5)	mg/Nm3	Not Specified
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.34	mg/Nm3	Not Specified

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

End of Report



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Test Report

Page No. 1/2

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/2306240004

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 30/06/2023

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

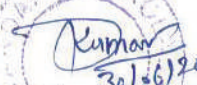
Receipt Date : 24/06/2023

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : Scubber Area
 Sample Collected By : VEL Representative (Mr. Sher Singh)
 Date of Sampling : 22/06/2023
 Sampling duration (Minutes) : 40.0
 Stack attached to : Scrubber
 Make of stack : MS
 Diameter of stack(m) : 0.35 Mtr.
 Height of stack(m) : 3.50 Mtr.
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 30.0
 Temperature of Stack Gases - Ts (°C) : 55.0
 Velocity of Stack Gases (m/sec.) : 6.56
 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)	15.71	mg/Nm ³	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2)	BLQ(LOQ-2.0)	mg/Nm ³	100
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7)	BLQ(LOQ-0.5)	mg/Nm ³	150
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.20	mg/Nm ³	1.0
5	Total Volatile Organic Compounds (VOCs)	SOP,SP-196, Issue No.01:2018	BLQ(LOQ-1.0)	mg/Nm ³	Not Specified
6	Total Hydrocarbon (as Methane)	SOP, SP-194, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm ³	Not Specified
7	TOC	SOP,SP-192, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm ³	Not Specified

(Checked By) 
30/06/2023

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Test Report

Page No. 2/2

Sample Number : VEL/S/04

Report No. : VEL/S/2306240004

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

End of Report

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Test Report

Page No. 1/2

Sample Number : VEL/S/04

Report No. : VEL/S/2306240004

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 : By Mail

Reporting Date : 30/06/2023

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


Receipt Date : 24/06/2023

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : Scubber Area
Sample Collected By : VEL Representative (Mr. Sher Singh)
Date of Sampling : 22/06/2023
Sampling duration (Minutes) : 40.0
Stack attached to : Scrubber
Make of stack : MS
Diameter of stack(m) : 0.35 Mtr.
Height of stack(m) : 3.50 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 30.0
Temperature of Stack Gases - Ts (°C) : 55.0
Velocity of Stack Gases (m/sec.) : 6.56
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)	15.71	mg/Nm3	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2)	BLQ(LOQ-2.0)	mg/Nm3	Not Specified
3	Oxide of Nitrogen (as NO _X)	IS:11255 (P-7)	BLQ(LOQ-0.5)	mg/Nm3	Not Specified
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.20	mg/Nm3	Not Specified
5	Total Volatile Organic Compounds (VOCs)	SOP,SP-196, Issue No.01:2018	BLQ(LOQ-1.0)	mg/Nm3	Not Specified
6	Total Hydrocarbon (as Methane)	SOP, SP-194, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm3	Not Specified
7	TOC	SOP,SP-192, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm3	Not Specified

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30/06/2023

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Test Report

Page No. 1/1

Sample Number : VEL/AP/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/AP/2310180004

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 25/10/2023

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

Receipt Date : 18/10/2023

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set Area
 Sample Collected By : VEL Representative (Mr. Dilver)
 Date of Sampling : 17/10/2023
 Sampling duration (Minutes) : 43.0
 Stack attached to : DG Set No.1 (125 KVA)
 Make of stack : MS
 Type of Fuel Used : PNG
 Diameter of stack(m) : 0.15 Mr.
 Height of stack(m) : 9.14 Mtr.
 Instrument calibration status : Calibrated
 Meteorological Condition : Clear Sky
 Ambient Temperature - Ta (°C) : 31.0
 Temperature of Stack Gases - Ts (°C) : 140.0
 Velocity of Stack Gases (m/sec.) : 7.52
 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
Discipline : Chemical					
1	Particulate Matter (as PM)	IS:11255 (P-1)	0.047	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOx)	IS:11255 (P-7)	0.035	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	BLQ(LOQ-0.05)	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	0.21	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report



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Test Report

Page No. 1/1

Sample Number : VEL/AP/05

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

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

Report No. : VEL/AP/2310180005

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 25/10/2023

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

Receipt Date : 18/10/2023

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

General Information

Sampling Location : DG Set Area
 Sample Collected By : VEL Representative (Mr. Dilver)
 Date of Sampling : 17/10/2023
 Sampling duration (Minutes) : 45.0
 Stack attached to : DG Set No.2 (125 KVA)
 Make of stack : MS
 Type of Fuel Used : PNG
 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) : 31.0
 Temperature of Stack Gases - Ts (°C) : 145.0
 Velocity of Stack Gases (m/sec.) : 7.35
 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
Discipline : Chemical					
1	Particulate Matter (as PM)	IS:11255 (P-1)	0.047	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOx)	IS:11255 (P-7)	0.035	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	BLQ(LOQ-0.05)	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No.-01,01/11/21	0.21	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report



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Authorized Signatory
Pratar Singh

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Test Report

Page No. 1/1

Sample Number : VEL/AP/06

Report No. : VEL/AP/2310180006

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 : By Mail

Reporting Date : 25/10/2023

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

Receipt Date : 18/10/2023

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

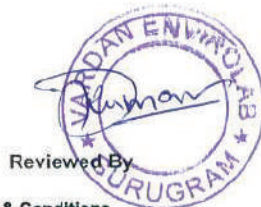
General Information

Sampling Location : Boiler Area
Sample Collected By : VEL Representative (Mr. Dilver)
Date of Sampling : 17/10/2023
Sampling duration (Minutes) : 45.0
Stack attached to : Boiler (850 Kg)
Make of stack : MS
Type of Fuel Used : PNG
Diameter of stack(m) : 0.45 Mtr.
Height of stack(m) : 30.45 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 31.0
Temperature of Stack Gases - Ts (°C) : 160.0
Velocity of Stack Gases (m/sec.) : 7.59
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
Discipline : Chemical					
1	Particulate Matter (as PM)	IS:11255 (P-1)	26.74	mg/Nm3	150.0
2	Sulphur Dioxide (as SO2)	IS:11255 (P-2)	BLQ(LOQ-2.0)	mg/Nm3	Not Specified
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7)	BLQ(LOQ-0.5)	mg/Nm3	Not Specified
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.17	% V/V	Not Specified

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

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Test Report

Page No. 1/2

Sample Number : VEL/AP/07

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

Report No. : VEL/AP/2310180007

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 25/10/2023

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

Receipt Date : 18/10/2023

Name of Sample : Stack Emission Monitoring

Sample Group : Atmospheric Pollution

General Information

Sampling Location : Scubber Area
Sample Collected By : VEL Representative (Mr. Dilver)
Date of Sampling : 17/10/2023
Sampling duration (Minutes) : 43.0
Stack attached to : Scubber
Make of stack : MS
Type of Fuel Used : Electrical
Diameter of stack(m) : 0.40 Mtr.
Height of stack(m) : 12.19 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 31.0
Temperature of Stack Gases - Ts (°C) : 68.0
Velocity of Stack Gases (m/sec.) : 6.22
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
Discipline : Chemical					
1	Particulate Matter (as PM)	IS:11255 (P-1)	19.80	mg/Nm3	150.0
2	Sulphur Dioxide (as SO2)	IS:11255 (P-2)	BLQ(LOQ-2.0)	mg/Nm3	Not Specified
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7)	BLQ(LOQ-0.5)	mg/Nm3	Not Specified
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.45	mg/Nm3	Not Specified
5	Total Volatile Organic Compounds (VOCs)	SOP,SP-196, Issue No.01:2018	BLQ(LOQ-1.0)	mg/Nm3	Not Specified
6	Total Hydrocarbon (as Methane)	SOP, SP-194, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm3	Not Specified
7	TOC	SOP,SP-192, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm3	Not Specified

Reviewed By



Authorized Signatory



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Test Report

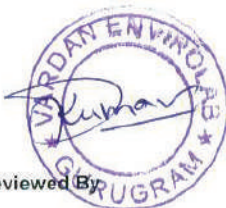
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Sample Number : VEL/AP/07

Report No. : VEL/AP/2310180007

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

End of Report



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