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Sample Number: VEL/S/01

Name & Address of the Party

: M/s Maharani Innovative Paints Pvt. Ltd.

Report No.

; VEL/S/2306240001

Format No

: 7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No : By Mail

- Prithla, Dist - Palwal, Haryana (Haryana) Reporting Date : 30/06/2023

Period of Analysis

: 24/06/2023-30/06/2023

Sample Description

: Stack Emission Monitoring

Receipt Date

: 24/06/2023

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

Diameter of stack(m)

MS 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 No01,01/11/21	0.106	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No01,01/11/21	0.161	gm/kw-hr	<3.5

^{**}Standard Limit for (NOX+HC)

End of Report

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Sample Number: VEL/S/02

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

Report No.

: VEL/S/2306240002

Format No

: 7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No ; By Mail - Prithla, Dist - Palwal, Haryana (Haryana)

Reporting Date Period of Analysis : 30/06/2023

: 24/06/2023-30/06/2023

Sample Description

: Stack Emission Monitoring

Receipt Date

: 24/06/2023

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)

Height of stack(m)

0.15 Mtr. : 9.14 Mtr.

: Calibrated

Instrument calibration status

Meteorological Condition Ambient Temperature - Ta (°C)

Clear Sky

Temperature of Stack Gases - Ts (°C)

: 30.0 : 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 No01,01/11/21	0.117	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No01,01/11/21	0.172	gm/kw-hr	<3.5

^{**}Standard Limit for (NOX+HC)

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Sample Number: VEL/S/03

Name & Address of the Party

: M/s Maharani Innovative Paints Pvt. Ltd.

Report No.

: VEL/S/2306240003

Format No

: 7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No : By Mail

- Prithla, Dist - Palwal, Haryana (Haryana)

Reporting Date

Period of Analysis

: 30/06/2023

. 24/06/2023

Receipt Date

: 24/06/2023-30/06/2023

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

Ambient Temperature - Ta (°C)

: Clear Sky

Temperature of Stack Gases - Ts (°C)

30.0 : 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 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	0.34	mg/Nm3	Not Specified

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

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Sample Number: VEL/S/04

: M/s Maharani Innovative Paints Pvt. Ltd.

Report No.

: VEL/S/2306240004

Format No

: 7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No : By Mail

- Prithla, Dist - Palwal, Haryana (Haryana)

Reporting Date

: 30/06/2023 : 24/06/2023-30/06/2023

Period of Analysis Receipt Date

: 24/06/2023

Sample Description

Name & Address of the Party

: 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 : 23.0

Flow rate of PM (LPM) Flow rate of Gas (LPM)

Sampling condition

: 2.0 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 SO2)	IS:11255 (P-2)	BLQ(LOQ-2.0)	mg/Nm3	100
3	Oxide of Nitrogen (as NOX)	IS:11255 (P-7)	BLQ(LOQ-0.5)	mg/Nm3	150
4	Carbon Monoxide (as CO)	IS 13270 : 2019 / By Flue Gas Analyser	0.20	mg/Nm3	1.0
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	тос	SOP,SP-192, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm3	Not Specified

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Page No. 2/2

Sample Number: VEL/S/04

Report No.

: VEL/S/2306240004

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

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Sample Number: VEL/S/04

Name & Address of the Party

: M/s Maharani Innovative Paints Pvt. Ltd.

Report No.

: VEL/S/2306240004

Format No

: 7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No : By Mail - Prithla, Dist - Palwal, Haryana (Haryana)

Reporting Date

Period of Analysis

: 30/06/2023 : 24/06/2023-30/06/2023

Sample Description

: Stack Emission Monitoring

Receipt Date

: 24/06/2023

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.) Flow rate of PM (LPM)

: 6.56

Flow rate of Gas (LPM)

23.0

Sampling condition

: 2.0 : 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 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	0.20	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	тос	SOP,SP-192, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm3	Not Specified

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



Test Report

Page No. 1/1

Sample Number:

VEL/AP/04

Report No.

: VEL/AP/2310180004

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

Format No

: 7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No : By Mail

- Prithla, Dist - Palwal, Haryana (Haryana)

Reporting Date

: 25/10/2023

: 18/10/2023

Period of Analysis

Receipt Date

: 18/10/2023-25/10/2023

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)

Stack attached to

DG Set No.1 (125 KVA)

Make of stack Type of Fuel Used

MS .

Diameter of stack(m)

: PNG : 0.15 Mr.

Height of stack(m)

9.14 Mtr.

Instrument calibration status

Calibrated

Meteorological Condition

: Clear Sky

Ambient Temperature - Ta (°C) Temperature of Stack Gases - Ts (°C) 31.0

Velocity of Stack Gases (m/sec.)

: 140.0 : 7.52

Flow rate of PM (LPM)

: 21.0

Flow rate of Gas (LPM)

: 2.0

Sampling condition Protocol used

: Isokinetic : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Disci	pline : Chemical		1		
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 No01,01/11/21	BLQ(LOQ-0.05)	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No01,01/11/21	0.21	gm/kw-hr	<3.5

^{**}Standard Limit for (NOX+HC)

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Authorized Signatory



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



Test Report

Page No. 1/1

Sample Number:

VEL/AP/05

Report No.

: VEL/AP/2310180005

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

Format No

7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No ; By Mail

- Prithla, Dist - Palwal, Haryana (Haryana)

Reporting Date

: 25/10/2023

: 18/10/2023

Period of Analysis Receipt Date

: 18/10/2023-25/10/2023

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 Type of Fuel Used

MS

Diameter of stack(m)

PNG 0.15 Mtr.

Height of stack(m) Instrument calibration status 9.14 Mtr. Calibrated

Meteorological Condition

Clear Sky

Ambient Temperature - Ta (°C)

31.0

Temperature of Stack Gases - Ts (°C) Velocity of Stack Gases (m/sec.)

: 145.0 : 7.35

Flow rate of PM (LPM)

: 20.0

Flow rate of Gas (LPM)

: 2.0

Sampling condition Protocol used

. Isokinetic IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Disci	pline : 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 No01,01/11/21	BLQ(LOQ-0.05)	gm/kw-hr	**
4	Carbon Monoxide (as CO)	VEL/ENV/STP/ST/FGA/01, Issue No01,01/11/21	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/06

Report No.

: VEL/AP/2310180006

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

Format No

: 7.8 F-03

49th Km Stone, Khasra No. 122, Mathura Road, Village Party Reference No ; By Mail

- Prithla, Dist - Palwal, Haryana (Haryana)

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)

Temperature of Stack Gases - Ts (°C)

31.0 : 160.0

Velocity of Stack Gases (m/sec.)

: 7.59

Flow rate of PM (LPM)

: 20.0

Flow rate of Gas (LPM) Sampling condition

: 2.0 : Isokinetic

Protocol used

: IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per
					СРСВ
Disci	pline : 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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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Test Report

Page No. 1/2

Sample Number:

VEL/AP/07

Report No.

: VEL/AP/2310180007

Format No

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

49th Km Stone, Khasra No. 122, Mathura Road, Village

· 7.8 F-03

Party Reference No

: By Mail

- Prithla, Dist - Palwal, Haryana (Haryana)

Reporting Date

: 25/10/2023

: 18/10/2023

Period of Analysis

Receipt Date

; 18/10/2023-25/10/2023

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

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.) Flow rate of PM (LPM)

: 6.22

Flow rate of Gas (LPM)

: 21.0

Sampling condition

: 2.0

Protocol used

: loskinetic : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
Disci	pline : 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	тос	SOP,SP-192, Issue No.01:2018	BLQ(LOQ-0.5)	mg/Nm3	Not Specified



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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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