



Test Report

Sample Number : VEL/S/1912240003

Report No. : VEL/S/1912240003

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-01
 Party Reference No : Nil
 Reporting Date : 27/12/2019
 Period of Analysis : 24/12/2019-27/12/2019
 Receipt Date : 24/12/2019

Sample Description : Stack Emission Monitoring


General Information

Sampling Location : DG Set Area
 Sample Collected by : VEL Representative (Mr. Mukesh)
 Date of Sampling : 23/12/2019
 Sampling duration (Minutes) : 30.0
 Stack attached to : D.G 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) : 17.0
 Temperature of Stack Gases - Ts (°C) : 152.0
 Velocity of Stack Gases (m/sec.) : 7.12
 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	0.098	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	1.29	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	SOP, SP-194, Issue No.01:2018	0.42	gm/kw-hr	**
4	Carbon Monoxide (as CO)	SOP,SP-74, Issue No.01:2018	0.84	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report


 Tushik
 (Tested By)


 Gaurav Chauhan
 (Approved By)
 Quality Manager



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122052, Haryana
Branch Off: Plot No. 24 & 25, Narayan Vihar, B-Block, Jaipur - 302035, Rajasthan
NABL Accredited | MoEF&CC Recognized | ISO 9001 | ISO 14001 | ISO 45001

Test Report

Sample Number : VEL/S/1912240004

Report No. : VEL/S/1912240004

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, Dist - Palwal, Haryana Haryana

Party Reference No : Nil

Reporting Date : 27/12/2019

Period of Analysis : 24/12/2019-27/12/2019

Receipt Date : 24/12/2019

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : DG Set Area
Sample Collected by : VEL Representative (Mr. Mukesh)
Date of Sampling : 23/12/2019
Sampling duration (Minutes) : 30.0
Stack attached to : D.G 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) : 17.0
Temperature of Stack Gases - Ts (°C) : 140.0
Velocity of Stack Gases (m/sec.) : 8.26
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	0.082	gm/kw-hr	<0.2
2	Oxide of Nitrogen (as NOX)	IS:11255 (P-7), Colorimetric Method, RA:2012	1.16	gm/kw-hr	<4.0**
3	Total Hydrocarbon (as HC)	SOP, SP-194, Issue No.01:2018	0.38	gm/kw-hr	**
4	Carbon Monoxide (as CO)	SOP, SP-74, Issue No.01:2018	0.76	gm/kw-hr	<3.5

**Standard Limit for (NOX+HC)

End of Report


Mukesh
Vardan EnviroLab

Gaurav Chauhan


(Approved By)
Quality Manager



Test Report

Sample Number : VEL/S/1912240005

Report No. : VEL/S/1912240005

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, Dist - Palwal, Haryana Haryana

Party Reference No : Nil

Reporting Date : 27/12/2019

Period of Analysis : 24/12/2019-27/12/2019

Receipt Date : 24/12/2019

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : Boiler Area
Sample Collected by : VEL Representative (Mr. Mukesh)
Date of Sampling : 23/12/2019
Sampling duration (Minutes) : 30.0
Stack attached to : Boiler(1.0 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) : 17.0
Temperature of Stack Gases - Ts (°C) : 176.0
Velocity of Stack Gases (m/sec.) : 9.22
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	416.82	mg/Nm3	1200
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	28.46	mg/Nm3	--
3	Oxide of Nitrogen (as NO _X)	IS:11255 (P-7), Colorimetric Method, RA:2012	13.76	mg/Nm3	--
4	Carbon Monoxide (as CO)	SOP,SP-74, Issue No.01:2018	1.95	% V/V	--

End of Report

M/s. Kaushik
st

Gaurav Chauhan
Approved By
Quality Manager