



AVON FOOD LAB (PVT.) LTD.

(ENVIRONMENT DIVISION)

NABL Accredited Laboratory Certificate No. T-0750 & T-0751
Recognized from Ministry of Environment & Forest, Govt. of India (MoEF)
Under the Environment (Protection) Act 1986.

Annex - A

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Process Air Quality

TEST REPORT

Issued to : M/s Maharani Innovative Paints Private Limited 49th K.M. Stone, Khasra No.-122 Mathura Road, Vill.Prathila Plant Dist. Palwal	Sample code : 16/12/15/06 Report No. : AFLPL/ENV/16/12/15/06 Date of Issue : 26/12/2015 Reference No.: Repeated Work Order No, RP-000142, Date -: 07/05/2015
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SAMPLE PARTICULARS

1 Sample Description : Process Air

Details of sampling		Physical observations	
(a) Date of Sampling	: 15/12/2015	(a) Ambient temp. (Max/Min)	: 20.4 / 6.5 °C
(b) Time of sampling	: 10:45 Hr. to 18:45 Hr.	(b) Weather Condition	: Clear
(c) Sampling Protocol	: AFLPL/SOP/ENV/24,25,26	(c) Wind direction	: Stationary Inside
(d) Equipment Used	: Handy Sampler APM 820	(d) Sampling Flow rate for SPM	: 2.0 LPM
(e) Sampling Done By	: Mr. Jagdish	(e) Sampling Flow rate for RSPM/PM-10 (Ave)	: NA
(f) Duration of Sampling	: 480 Minutes	(f) Sampling Flow rate for Gases (Ave.)	: 2.0 LPM
(g) Sampling Location	: Resin Plant First Floor		
(h) Height of sampling Location	: 2.0 mtr.from Ground Level		

TEST RESULTS

Test started on : 16/12/2015 Test completed on : 21/12/2015

Sl. no.	Parameter	Unit	Results	Specification/Requirement	Test Method
1	SPM	mg/m ³	0.520	15.0 (as per OSHA)	Gravimetric Method
2	Sulphur dioxide (SO ₂)	mg/m ³	0.26	5 (Factory Act)	IS : 5182 (P-02), 2001
3	Nitrogen Dioxide (NO ₂)	mg/m ³	0.39	6 (Factory Act)	IS : 5182 (P-06), 2006
4	Lead (Pb)	mg/m ³	0.02	0.15 (Factory Act)	IS : 5182 (P-22),2004 Reaff 2009
5	Carbon Monoxide (CO)	mg/m ³	0.44	40 (Factory Act)	Gas Analyser Method
6	Toluene	mg/m ³	11	375 (Factory Act)	IS : 5182 (P-11),2006 Reaff 2006
7	Xylene	mg/m ³	14	435 (Factory Act)	IS : 5182 (P-11),2006 Reaff 2006


 Pinky Rai
 Authorised Signatory

- * The results listed refer only to the tested sample and applicable parameter.
- * This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- * This report can not be reproduced, except when in full, without the written permission of the Director.
- * The sample will be destroyed after three weeks from the date of issue of the test report.
(in case of non-perishable products only)
- * The liability of the laboratory is limited to the invoiced amount.
- * All disputes are subjected to the Delhi Jurisdiction.

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Annex-1

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Process Air Quality

TEST REPORT

Issued to : M/s Maharani Innovative Paints Private Limited 49th K.M. Stone, Khasra No.-122 Mathura Road, Vill.Prathila Plant Dist. Palwal	Sample code : 16/12/15/05 Report No. : AFLPL/ENV/16/12/15/05 Date of Issue : 26/12/2015 Reference No.: Repeated Work Order No, RP-000142, Date -: 07/05/2015
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SAMPLE PARTICULARS

1 Sample Description : Process Air

Details of sampling		Physical observations	
(a) Date of Sampling	: 15/12/2015	(a) Ambient temp. (Max/Min)	: 20.4 / 6.5 °C
(b) Time of sampling	: 10:00 Hr. to 18:00 Hr.	(b) Weather Condition	: Clear
(c) Sampling Protocol	: AFLPL/SOP/ENV/24,25,26	(c) Wind direction	: Stationary Inside
(d) Equipment Used	: Handy Sampler APM 820/ 850	(d) Sampling Flow rate for SPM	: 2.0 LPM
(e) Sampling Done By	: Mr. Jagdish	(e) Sampling Flow rate for RSPM/PM-10 (Ave)	: NA
(f) Duration of Sampling	: 480 Minutes	(f) Sampling Flow rate for Gases (Ave.)	: 2.0 LPM
(g) Sampling Location	: Liquid Paint Section		
(h) Height of sampling Location	: 2.0 mtr.from Ground Level		

TEST RESULTS

Test started on : 16/12/2015

Test completed on : 21/12/2015

Sl. no.	Parameter	Unit	Results	Specification/Requirement	Test Method
1	SPM	mg/m ³	0.58	15.0 (as per OSHA)	Gravimetric Method
2	Sulphur dioxide (SO ₂)	mg/m ³	0.027	5 (Factory Act)	IS : 5182 (P-02), 2001
3	Nitrogen Dioxide (NO ₂)	mg/m ³	0.034	6 (Factory Act)	IS : 5182 (P-06), 2006
4	Lead (Pb)	mg/m ³	0.01	0.15 (Factory Act)	IS : 5182 (P-22),2004 Reaff 2009
5	Carbon Monoxide (CO)	mg/m ³	0.345	40 (Factory Act)	Gas Analyser Method
6	Toluene	mg/m ³	nd (DL=1.0)	375 (Factory Act)	IS : 5182 (P-11),2006 Reaff 2006
7	Xylene	mg/m ³	nd (DL=1.0)	435 (Factory Act)	IS : 5182 (P-11),2006 Reaff 2006


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