



# CVR Labs (P) Limited

CIN NO: U 74140TN1999PTC043582

Dignity Centre, II Floor, No. 2/9, Abdul Razack Street,  
Saidapet, Chennai - 600 015. ☎+91 44 2433 0382 to 85  
☎9444709669 ☎info@cvrlabs.com ☎www.cvrlabs.com

## C33332

## TEST REPORT

Page 1 of 8

Report No: 24030036.01

Discipline : Chemical

ULR-TC76182400001052F

Report Date: 08/03/2024

Group: Atmospheric Pollution

### CUSTOMER DETAILS

Customer Name & Address:

**M/s. RE SUSTAINABILITY IWM SOLUTION LTD.,**  
Plot No: 5-15, 28-33, SIPCOT Industrial Complex,  
Gummidipoondi, Chennai – 601201, Tamilnadu India.

Customer Reference: NA

### SAMPLE DETAILS

Sample Code	: 24030036.01	Sampled On	: 06/03/2024
Sample Name	: -	Sample Received On	: 06/03/2024
Sample Description	: Incinerator stack	Sampling Location	: Incinerator Area
Sample Condition	: Good	Sampling Procedure	: IS 11255 EPA Method 1-3, CVR/SOP/ENVI/100 & CVR/ENV/SOP/02
Sample Quantity	: NA	Equipment Used	: CVR/CH/017 & CVR/CH/267
Sampled Collected By	: CVR Labs	Test Started On	: 06/03/2024
Customer Code	: NA	Test Completed On	: 08/03/2024

SL.NO	TEST PARAMETER(S)	TEST METHOD	UNIT	RESULTS	SPECIFICATION AS PER CPCB
1	Stack Temperature	CVR/SOP/ENVI/100	K	365	-
2	Velocity of the Flue Gas	EPA Method1-3	m/sec	13.53	-
3	Gaseous Discharge	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	31176.08	-
4	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	91.41	200
5	Oxides of Nitrogen(NO <sub>x</sub> )	IS 11255 (Part-7)	mg/Nm <sup>3</sup>	53.69	400
6	Carbon monoxide(CO)	CVR/ENV/SOP/02	mg/Nm <sup>3</sup>	34.55	100
7	Carbon Dioxide(CO <sub>2</sub> )	CVR/ENV/SOP/02	%	9.8	-
8	Oxygen(O <sub>2</sub> )	CVR/ENV/SOP/02	%	10.2	-
9	Particulate Matter (PM)	IS 11255 (Part-1)	mg/Nm <sup>3</sup>	10.18	50

V.M.P.  
Verified By

V. MEYYPAPPAN  
08/03/2024

.....cont.....

For CVR LABS (P) LIMITED

Nishala KB  
102/105/2024  
Authorised Signatory



# CVR Labs (P) Limited

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060736

## TEST REPORT

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Report No: 24030036.01

Discipline : Chemical

Report Date: 08/03/2024

Group: Atmospheric Pollution

### CUSTOMER DETAILS

Customer Name & Address:

**M/s. RE SUSTAINABILITY IWM SOLUTION LTD.,**

Plot No: 5-15, 28-33, SIPCOT Industrial Complex,

Gummidipoondi, Chennai – 601201, Tamilnadu India.

Customer Reference: NA

### SAMPLE DETAILS

Sample Code : 24030036.01  
Sample Name : -  
Sample Description : Incinerator stack  
Sample Condition : Good

Sampled On : 06/03/2024  
Sample Received On : 06/03/2024  
Sampling Location : Incinerator Area  
Sampling Procedure : IS 11255  
EPA Method 1-3,  
CVR/SOP/ENVI/100 &  
CVR/ENV/SOP/02

Sample Quantity : NA

Equipment Used : CVR/CH/017 &  
CVR/CH/267

Sampled Collected By : CVR Labs

Test Started On : 06/03/2024

Customer Code : NA

Test Completed On : 08/03/2024

SL.NO	TEST PARAMETR(S)	TEST METHOD	UNIT	RESULTS
1	Moisture Content	EPA Method1-3	%	4.09

V.M.  
Verified By  
V. MEYAPPAN  
08/03/2024

\*\*\*\*\* END OF REPORT \*\*\*\*\*

For CVR LABS (P) LIMITED

Nirmala K.B.  
K.B. NIRMALA  
Authorised Signatory  
08/03/2024



# CVR Labs (P) Limited

CIN NO: U 74140TN1999PTC043582

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**063797**

## TEST REPORT

Report No: 24030036.01

Discipline : Chemical

ULR-TC761824000001052F

Report Date: 12/03/2024

Group: Atmospheric Pollution

### CUSTOMER DETAILS

Customer Name & Address:

**M/s. RE SUSTAINABILITY IWM SOLUTION LTD.,**  
Plot No: 5-15, 28-33, SIPCOT Industrial Complex,  
Gummidipoondi, Chennai – 601201, Tamilnadu India.

Customer Reference: NA

### SAMPLE DETAILS

Sample Code	: 24030036.01	Sampled On	: 06/03/2024
Sample Name	: -	Sample Received On	: 06/03/2024
Sample Description	: Incinerator stack	Sampling Location	: Incinerator Area
Sample Condition	: Good	Sampling Procedure	: IS 11255 EPA Method 1-3, CVR/SOP/ENVI/100 & CVR/ENV/SOP/02
Sample Quantity	: NA	Equipment Used	: CVR/CH/017 & CVR/CH/267
Sampled Collected By	: CVR Labs	Test Started On	: 06/03/2024
Customer Code	: NA	Test Completed On	: 12/03/2024

SL.NO	TEST PARAMETER(S)	TEST METHOD	UNIT	RESULTS	CPCB Limit
1	Hydrogen Chloride as (HCl)	EPA 26 A	mg/m <sup>3</sup>	0.012	50
2	Hydrogen Fluoride as (HF)	EPA 26 A	mg/m <sup>3</sup>	1.20	4
	Hg and its compounds	EPA 29	mg/Nm <sup>3</sup>	BDL (DL:0.0005)	0.05
3	Cd+Th+ their compounds	CVR/INS/SOP/ICPMS/005	mg/Nm <sup>3</sup>	0.009	0.05
4	Sb+As+Pb+Cr+Co+Cu+ Mn+Ni+V+their compounds	CVR/INS/SOP/ICPMS/005	mg/Nm <sup>3</sup>	0.081	0.50

BDL : Below Detection Limit DL : Detection Limit.

T. Kalith

12/03/2024

Verified By

\*\*\*\*\* END OF REPORT \*\*\*\*\*

For CVR LABS (P) LIMITED

Nishanala. K.R

K. R. NISHANALA

Authorised Signatory



# CVR Labs (P) Limited

CIN NO: U 74140TN1999PTC043582

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## TEST REPORT

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**063798**

Report No: 24030036.01

Discipline : Chemical

Report Date: 12/04/2024

Group: Atmospheric Pollution

### CUSTOMER DETAILS

Customer Name & Address: **M/s. RE SUSTAINABILITY IWM SOLUTION LTD.,**  
Plot No: 5-15, 28-33, SIPCOT Industrial Complex,  
Gummidipoondi, Chennai – 601201, Tamilnadu India.

Customer Reference: NA

### SAMPLE DETAILS

Sample Code	: 24030036.01	Sampled On	: 06/03/2024
Sample Name	: -	Sample Received On	: 06/03/2024
Sample Description	: Incinerator stack	Sampling Location	: Incinerator Area
Sample Condition	: Good	Sampling Procedure	: IS 11255 EPA Method 1-3, CVR/SOP/ENVI/100 & CVR/ENV/SOP/02
Sample Quantity	: NA	Equipment Used	: CVR/CH/017 & CVR/CH/267
Sampled Collected By	: CVR Labs	Test Started On	: 06/03/2024
Customer Code	: NA	Test Completed On	: 12/04/2024

SL.NO	TEST PARAMETER(S)	TEST METHOD	UNIT	RESULTS	CPCB Limit
1	Total organic carbon	EPA 25 A	µg/m <sup>3</sup>	BDL(DL:1.0)	20
2	Total Dioxin & Furan	EPA 23	ngTEQ/Nm <sup>3</sup>	0.0059	0.1

**BDL** : Below Detection Limit **DL** : Detection Limit.

Note: All Values are Corrected to 11 % Oxygen on a dry basis.

V.M.J.  
Verified By  
V. MEYYAPPAN  
12/04/2024

\*\*\*\*\* END OF REPORT \*\*\*\*\*

For CVR LABS (P) LIMITED  
Nirmala K.B.  
K.B. NIRMALA  
Authorized Signature  
12/04/2024



# CVR Labs (P) Limited

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## TEST REPORT

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**063799**

Report No: 24030036.01

Discipline : Chemical

ULR-TC761824000001052F

Report Date: 12/03/2024

Group: Atmospheric Pollution

### CUSTOMER DETAILS

Customer Name & Address:

**M/s. RE SUSTAINABILITY IWM SOLUTION LTD.,**  
Plot No: 5-15, 28-33, SIPCOT Industrial Complex,  
Gummidipoondi, Chennai – 601201, Tamilnadu India.

Customer Reference: NA

### SAMPLE DETAILS

Sample Code	: 24030036.01	Sampled On	: 06/03/2024
Sample Name	:	Sample Received On	: 06/03/2024
Sample Description	: Incinerator stack	Sampling Location	: Incinerator Area
Sample Condition	: Good	Sampling Procedure	: CVR/INS/SOP/GCMSMS/018
Sample Quantity	: NA	Equipment Used	: CVR/CH/020
Sampled Collected By	: CVR Labs	Test Started On	: 07/03/2024
Customer Code	: NA	Test Completed On	: 12/03/2024

SL.NO	TEST PARAMETER(S)	TEST METHOD	UNIT	RESULTS
1	1,1,1,2-Tetrachloroethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
2	1,1,1-Trichloroethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
3	1,1,2,2-Tetrachloroethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
4	1,1,2-Trichloroethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
5	1,1-Dichloroethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
6	1,1-Dichloro ethylene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
7	1,1-Dichloropropene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
8	1,2,3-trichlorobenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
9	1,2,3-Trichloropropane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
10	1,2,4-Trichlorobenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
11	1,2,4-Trimethylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
12	1,2-Dibromo-3-chloropropane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
13	1,2-Dibromoethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
14	1,2-Dichlorobenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
15	1,2-Dichloroethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
16	1,2-Dichloropropane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
17	1,3,5-Trimethylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
18	1,3-Dichlorobenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
19	1,3-Dichloropropane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)

V. M. J.  
Verified By  
V. MEYAPPAN  
12/03/2024

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For CVR LABS (P) LIMITED

Nirmala K.B  
NIRMALA  
Authorised Signatory



# CVR Labs (P) Limited

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## 063800

## TEST REPORT


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Report No: 24030036.01

ULR-TC761824000001052F

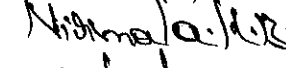
Report Date: 12/03/2024

SL.NO	TEST PARAMETER(S)	TEST METHOD	UNIT	RESULTS
20	1,4Dichlorobenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
21	2,2-Dichloropropane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
22	2-Chlorotoluene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
23	4-Chlorotoluene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
24	4-Isopropyltoluene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
25	Benzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
26	Bromobenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
27	Bromochloromethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
28	Bromodichloromethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
29	Bromoform	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
30	Bromomethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
31	Carbontetrachloride	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
32	Chlorobenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
33	Chloroethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
34	Chloroform	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
35	Chloromethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
36	Cis-1,2-Dichloroethene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
37	cis-1,3-Dichloropropene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
38	Dibromochloromethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
39	Dibromomethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
40	Dichlorodifluoromethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
41	Ethylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
42	Isopropylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
43	m&p-xylenes	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
44	o-Xylene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
45	Methyl Ethyl Ketone	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
46	MethyleneChloride	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
47	n-Butylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
48	n-Propylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
49	sec-Butylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
50	Styrene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)

Verified By  
  
 V. MEYYPAN  
 12/03/2024

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For CVR LABS (P) LIMITED

  
 K. BANUSAMA  
 Authorised Signatory



# CVR Labs (P) Limited

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## 063801

## TEST REPORT

Report No: 24030036.01

ULR-TC761824000001052F

Report Date: 12/03/2024

SL.NO	TEST PARAMETER(S)	TEST METHOD	UNIT	RESULTS
51	t-butylbenzene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
52	Tetrachloroethene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
53	Toluene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
54	Trans-1,2-Dichloroethene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
55	trans-1,3-Dichloropropene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
56	Napthalene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
57	Trichloroethylene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
58	Trichlorofluoromethane	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
59	Vinyl Chloride	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)
60	Xylene	CVR/INS/SOP/GCMSMS/018	mg/Nm <sup>3</sup>	BDL(DL:0.1)

BDL : Below Detection Limit DL : Detection Limit.

V.M.P.  
Verified By  
V. MEYAPPAN  
12/03/2024

\*\*\*\*\* END OF REPORT \*\*\*\*\*

For CVR LABS(P) LIMITED  
N. NIRMALA  
K.B. NIRMALA  
Authorised Signatory



# CVR Labs (P) Limited

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**063802**

## TEST REPORT

Page 8 of 8

Report No: 24030036.01

Discipline : Chemical

Report Date: 12/03/2024

Group: Atmospheric Pollution

### CUSTOMER DETAILS

Customer Name & Address: **M/s. RE SUSTAINABILITY IWM SOLUTION LTD.,**  
Plot No: 5-15, 28-33, SIPCOT Industrial Complex,  
Gummidipoondi, Chennai – 601201, Tamilnadu India.

Customer Reference: NA

### SAMPLE DETAILS

Sample Code	: 24030036.01	Sampled On	: 06/03/2024
Sample Name	: -	Sample Received On	: 06/03/2024
Sample Description	: Incinerator stack	Sampling Location	: Incinerator Area
Sample Condition	: Good	Sampling Procedure	: CVR/INS/SOP/GCMSMS/018
Sample Quantity	: NA	Equipment Used	: CVR/CH/020
Sampled Collected By	: CVR Labs	Test Started On	: 07/03/2024
Customer Code	: NA	Test Completed On	: 12/03/2024

SL.NO	TEST PARAMETER(S)	TEST METHOD	UNIT	RESULTS
1	Poly Aromatic Hydrocarbons	CVR/INS/SOP/GCMSMS/030	mg/m <sup>3</sup>	BDL(DL:1.0)

BDL : Below Detection Limit DL : Detection Limit.

V. M. J.  
Verified By  
V. MEYYAPPAN  
12/03/2024

\*\*\*\*\* END OF REPORT \*\*\*\*\*

For CVR LABS (P) LIMITED  
Nirmala 12.12.24  
K.B. NIRMALA  
Authorised Signatory  
12/03/2024