TEST REPORT

Technical Report	**(6722)186-0059**	July 20, 2022
Date Received	July 05, 2022	

Factory Company Name:	R.S. PRINT FAB PRIVATE LIMITED
Factory Address:	Plot No- C-11, Site-C, Industrial Area, Surajpur, Greater Noida, Gautambudh Nagar 201306
Sampling Method:	I001) Raw Wastewater – – 6 hours - Time- weighted Composite I002) Discharged Wastewater – 6 hours - Time- weighted Composite
Sample Pick Up Date:	July 04, 2022
Wastewater Discharge to:	Irrigation/River through drain
On-Site Effluent Treatment Plant (ETP):	Yes
Discharge Type:	Direct Discharge
Off-site ETP name (if applicable):	NA
Off-site ETP address (if applicable):	NA
Local Regulation: / Ordinance requirements related to wastewater discharged are followed:	40703/UPPCB/Greater Noida(UPPCBRO)/CTO/water/GREATER NOIDA/2018
Permit Validation Date:	31/12/2022
Parameters Exceeded Local Regulation	NO
Legal compliance:	Legal Compliance
Conventional Parameters :	Exceed Foundational Limit
MRSL Parameters:	Not Detected
Test Period:	July 05, 2022 to July 20, 2022
Sample Description:	I001) Dark Brown Liquid – Raw Wastewater I002) Colorless liquid – After treatment Wastewater
Parameters exceeded holding Time:	N/A
Sampler No:	8F1465011943

Bureau Veritas Consumer Products Services (India) Pvt. Ltd.,
C-19, Sec – 7 Noida (U.P.) 201301 PH: 4368283/205

ULR -TC631222100110919P

REMARK

If there are questions or concerns on this report, please contact the following persons:

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This report shown the test result of the auxiliary chemical and/or raw material samples, which collected during particular factory audit. The results of this report shall not be used for any regulatory compliance purposes.

* The sampling is agreed with client.

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (INDIA) PVT. LTD.

Approved by:

RAHUL SRIVASTAVA
(Manager – Analytical)

Executive Summary

1A) Conventional Parameters	**I001**	**I002**
Temperature	NR	☐
TSS		☐
COD		☐
Total-N		☐
pH Value		☐
Color [m^{-1}] (436nm; 525nm; 620nm)		☐
BOD_5		☐
Ammonium-N		☐
Total-P		☐
AOX		☐
Oil and Grease		☐
Phenol		☐
Coliform		☐
Persistent Foam		☐
ANIONS - Cyanide		☐
ANIONS - Sulfide		☐
ANIONS - Sulfite		☐
1B) Conventional Parameters – METALS	■	☐

ZDHC MRSL Substances	**I001**	**I002**
2A) APs and APEOs	ND	ND
2B) Chlorobenzenes and Chlorotoluenes	ND	ND
2C) Chlorophenols	ND	ND
2D) Azo Dyes	ND	ND
2E) Carcinogenic Dyes	ND	ND
2F) Disperse Dyes	ND	ND
2G) Flame Retardants	ND	ND
2H) Glycols	ND	ND
2I) Halogenated Solvents	ND	ND
2J) Organotin Compounds	ND	ND
2K) Perfluorinated and Polyfluorinated Chemicals	ND	ND
2L) Phthalates	ND	ND
2M) Polycyclic Aromatic Hydrocarbons	ND	ND
2N) Volatile Organic Compounds	ND	ND

Note / Key :

☐ - Meet Foundational Limit / Meet discharge license criteria

■ - Exceed Foundational Limit / Exceed discharge license criteria

NR - Not Requested / Not required

D - Detected

ND - Not Detected

NA - Not Applicable

Objective

The environment samples were tested for below parameters.

1A) Conventional Parameters
1B) Conventional Parameters – METALS
2A) APs and APEOs
2B) Chlorobenzenes and Chlorotoluenes
2C) Chlorophenols
2D) Azo Dyes
2E) Carcinogenic Dyes
2F) Disperse Dyes
2G) Flame Retardants
2H) Glycols
2I) Halogenated Solvents
2J) Organotin Compounds
2K) Perfluorinated and Polyfluorinated Chemicals
2L) Phthalates
2M) Poly Aromatic Hydrocarbons
2N) Volatile Organic Compounds

Sampling Plan

Two environment samples were sampled per factory, including 1) Discharged Wastewater (raw wastewater) and 2) Discharged Wastewater (Treated wastewater). Total number of sample collected will be depended on the actual factory facilities and manufacturing processes.

Method of sampling used is time-weighted composite grab samples (agreed with client). Composite sampling shall be performed for no less than six hours, with no more than one hour between discrete samples. Each discrete sample shall be of equal volume. Wastewater and freshwater samples should, as much as possible, be collected simultaneously, during the time that PU is in normal operation. The sampling shall aim to analyse the snapshot of water quality characteristics of the operating PU. Under no circumstance shall samples be taken during times when the production process is not running or the wastewater is diluted due to heavy rainfall, etc.

Remark :

- Sampling procedure refers to ZDHC Wastewater and Sludge Laboratory Sampling and Analysis Plan
- Field data records are attached in Appendix C.

Test Result

1A) Conventional Parameters

Temperature

Test Method **:** Measurement by thermometer

Tested Item(s)	Result	Unit	Conclusion
I002	33.9 (Foundational)	deg. C	DATA

Note: °C = degree Celsius
Direct Discharge Limit: Foundational ▲15 / max. 35°C; Progressive ▲10 / max. 30°C; Aspirational ▲5 / max. 25°C

Total Suspended Solids (TSS)

Test Method **:** APHA 2540D

Tested Item(s)	Result	Unit	Conclusion
I002	06 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 50 mg/L; Progressive Limit: 15 mg/L; Aspirational Limit: 5 mg/L

Chemical Oxygen Demand (COD)

Test Method **:** APHA 5220D

Tested Item(s)	Result	Unit	Conclusion
I002	74 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 150 mg/L; Progressive Limit: 80 mg/L; Aspirational Limit: 40 mg/L

Total Nitrogen (Total-N)

Test Method **:** APHA 4500 N-C

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 20 mg/L; Progressive Limit: 10 mg/L; Aspirational Limit: 5 mg/L

pH Value

Test Method : Reference to ISO 10523

-	Unit	Result
Test Item(s)	-	I002
Parameter	-	-
Temp. of sample	deg. C	33.9
pH value of sample		7.46 (Comply with ZDHC WWG requirements)
Conclusion	-	DATA

Note:

Temp. = Temperature deg. C = degree Celsius (°C)
Direct Discharge Limit: Limit: 6 – 9

Color [m^{-1}] (436nm; 525nm; 620nm)

Test Method : With reference to ISO 7887-B

Tested Item(s)	Result	Unit	Conclusion
I002	0.04;0.03;0.04 (Aspirational)	m^{-1}	DATA

Note:
Direct Discharge Limit: Foundational Limit: 7;5;3 m^{-1}; Progressive Limit: 5;3;2 m^{-1}; Aspirational Limit: 2;1;1 m^{-1}

Biochemical Oxygen Demand (BOD_5)

Test Method : APHA 5210B (5 days)

Tested Item(s)	Result	Unit	Conclusion
I002	11 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 30 mg/L; Progressive Limit: 15 mg/L; Aspirational Limit: 5 mg/L

Ammonia Nitrogen

Test Method : APHA 4500 NH_3-N

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 10 mg/L; Progressive Limit: 1 mg/L; Aspirational Limit: 0.5 mg/L

Total Phosphorus (Total-P)

Test Method : APHA 4500P-J

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 3 mg/L; Progressive Limit: 0.5 mg/L; Aspirational Limit: 0.1 mg/L

Adsorbable Organic Halogen (AOX)

Test Method : Reference to ISO 9562

Tested Item(s)	Result	Unit	Conclusion
I002	0.76 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 5 mg/L; Progressive Limit: 1 mg/L; Aspirational Limit: 0.1 mg/L

Oil and Grease

Test Method : Reference to ISO 9377-2/ U. S. EPA 1664

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 10 mg/L; Progressive Limit: 2 mg/L; Aspirational Limit: 0.5 mg/L

Phenol

Test Method : APHA 5530-C

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter

Direct Discharge Limit: Foundational Limit: 0.5 mg/L; Progressive Limit: 0.01 mg/L; Aspirational Limit: 0.001 mg/L

Coliform

Test Method : Reference to ISO 9308-01

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	bacteria/ 100 mL	DATA

Note: bacteria/100 mL = bacteria per 100 milliliters
Direct Discharge Limit: Foundational Limit: 400 / 100 ml; Progressive Limit: 100 / 100 ml ; Aspirational Limit: 25 / 100 ml

Persistent Foam

Test Method : Visual

Tested Item(s)	Result	Unit	Conclusion
I002	No foam (Comply with ZDHC WWG requirements)	-	DATA

ANIONS- Cyanide

Test Method : APHA 4500-CN

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	mg/l	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 0.2 mg/L;Progressive Limit: 0.1 mg/L;Aspirational Limit : 0.05mg/L

ANIONS - Sulfide

Test Method : APHA 4500 $S^{2-}D$

Tested Item(s)	Result	Unit	Conclusion
I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L= milligram per liter
Direct Discharge Limit: Foundational Limit: 0.5 mg/L; Progressive Limit: 0.05 mg/L; Aspirational Limit: 0.01 mg/L

ANIONS - Sulfite

Test Method : Reference to ISO 10304-3/ U. S. EPA 377.1

Tested Item(s)	Result	Unit	Conclusion

I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter
Direct Discharge Limit: Foundational Limit: 2 mg/L; Progressive Limit: 0.5 mg/L; Aspirational Limit: 0.2 mg/L

1B) Conventional Parameters – METALS

Heavy Metals	**I001 *(mg/L)***	**I002 *(mg/L)***
Antimony (Sb) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L	**0.598** **(Exceed foundational Limit)**	ND (Aspirational)
Chromium (Cr), total Direct Discharge Limit: Foundational 0.2 mg/L; Progressive 0.1 mg/L; Aspirational 0.05 mg/L	**1.18** **(Exceed foundational Limit)**	0.003 (Aspirational)
Cobalt (Co) Direct Discharge Limit: Foundational 0.05 mg/L; Progressive 0.02 mg/L; Aspirational 0.01 mg/L	ND (Aspirational)	ND (Aspirational)
Copper (Cu) Direct Discharge Limit: Foundational 1 mg/L; Progressive 0.5 mg/L; Aspirational 0.25 mg/L	0.046 (Aspirational)	ND (Aspirational)
Nickel (Ni) Direct Discharge Limit: Foundational 0.2 mg/L; Progressive 0.1 mg/L; Aspirational 0.05 mg/L	**0.36** **(Exceed foundational Limit)**	ND (Aspirational)
Silver (Ag) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.005 mg/L	0.005 (Aspirational)	ND (Aspirational)
Zinc (Zn) Direct Discharge Limit: Foundational 5 mg/L; Progressive 1 mg/L; Aspirational 0.5 mg/L	ND (Aspirational)	ND (Aspirational)
Arsenic (As) Direct Discharge Limit: Foundational 0.05 mg/L; Progressive 0.01 mg/L; Aspirational 0.005 mg/L	0.005 (Aspirational)	ND (Aspirational)
Cadmium (Cd) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L	0.00012 (Aspirational)	ND (Aspirational)
Chromium VI (CrVI) Direct Discharge Limit: Foundational 0.05 mg/L; Progressive 0.005 mg/L; Aspirational 0.001 mg/L	ND (Aspirational)	ND (Aspirational)
Lead (Pb) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L	ND (Aspirational)	ND (Aspirational)

Heavy Metals	**I001 *(mg/L)***	**I002 *(mg/L)***
Mercury (Hg) Direct Discharge Limit: Foundational 0.01 mg/L; Progressive 0.005 mg/L; Aspirational 0.001 mg/L	ND (Aspirational)	ND (Aspirational)

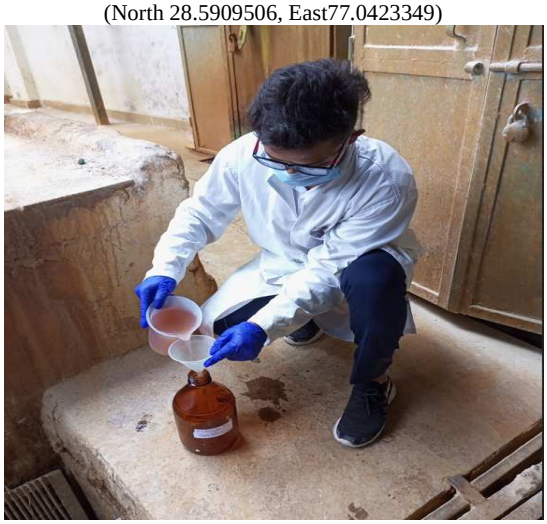
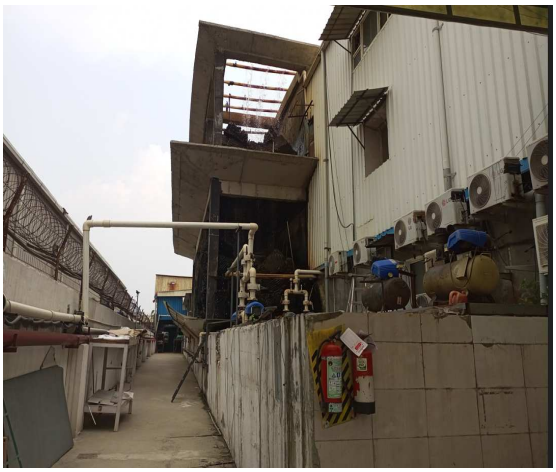
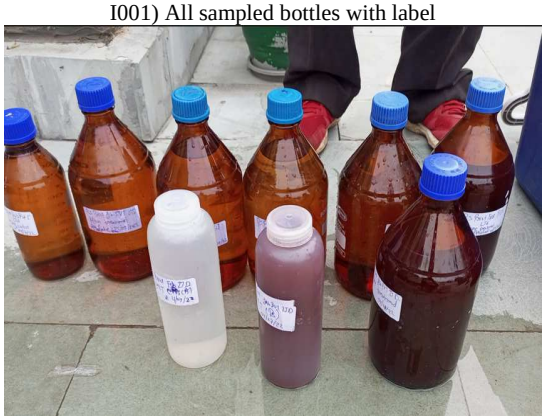
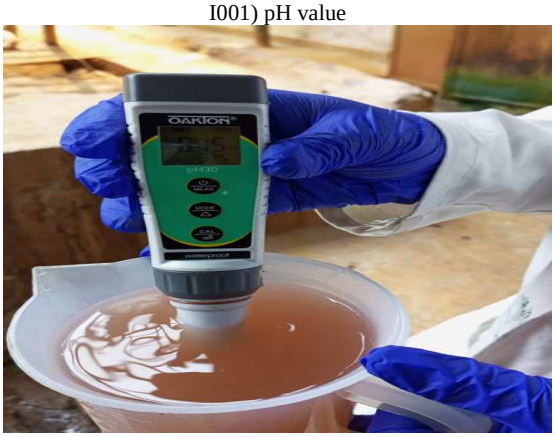
Others Priority Chemical Groups

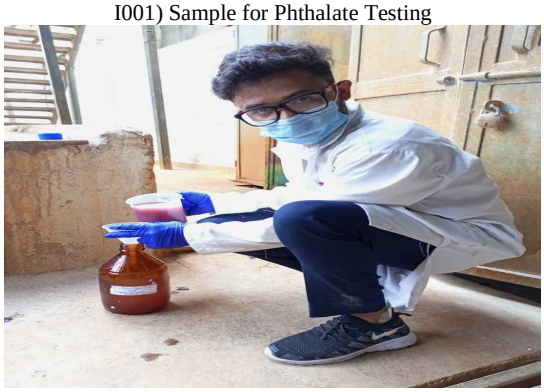
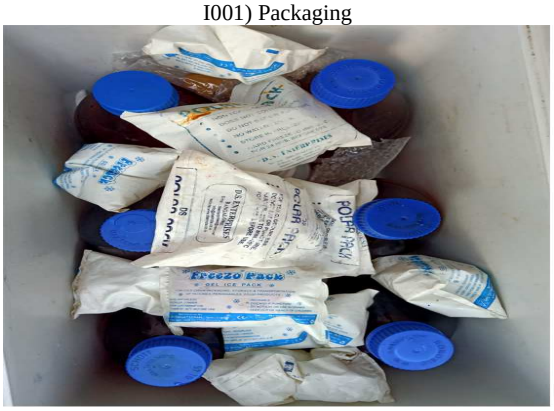
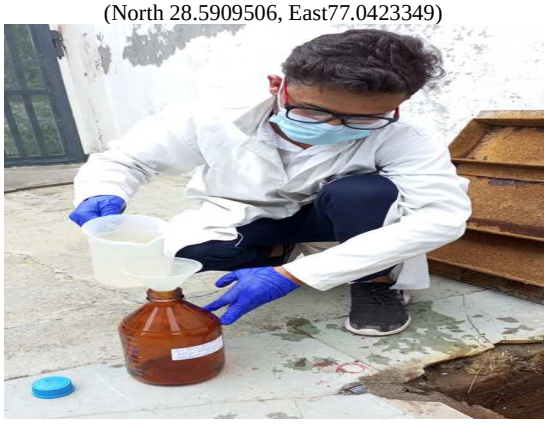
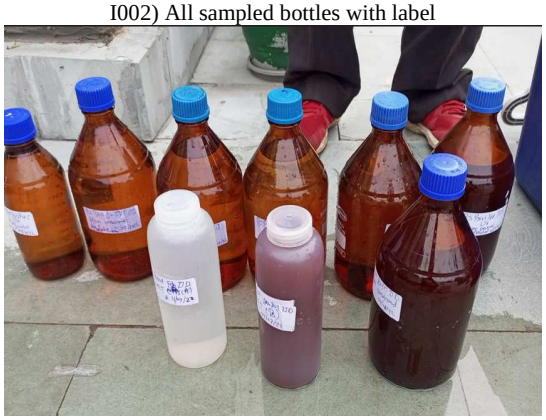
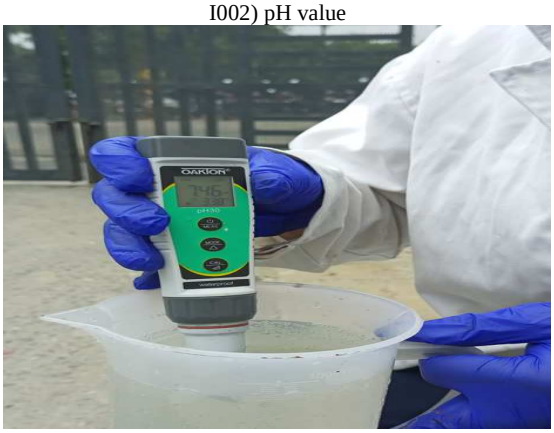
	I001 *(µg/L)*	**I002 *(µg/L)***
2A) APs and APEOs	ND	ND
2B) Chlorobenzenes and Chlorotoluenes	ND	ND
2C) Chlorophenols	ND	ND
2D) Azo Dyes	ND	ND
2E) Carcinogenic Dyes	ND	ND
2F) Disperse Dyes	ND	ND
2G) Flame Retardants	ND	ND
2H) Glycols	ND	ND
2I) Halogenated Solvents	ND	ND
2J) Organotin Compounds	ND	ND
2K) Perfluorinated and Polyfluorinated Chemicals	ND	ND
2L) Phthalates	ND	ND
2M) Poly Aromatic Hydrocarbons	ND	ND
2N) Volatile Organic Compounds	ND	ND

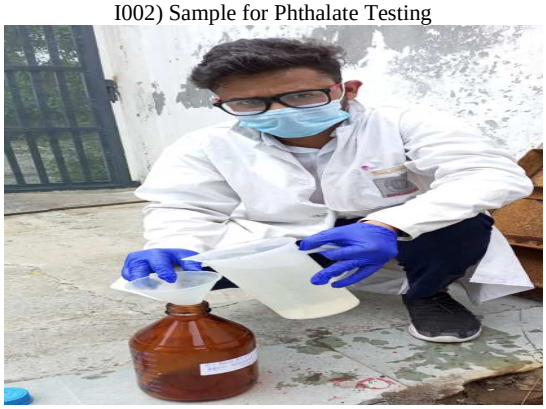
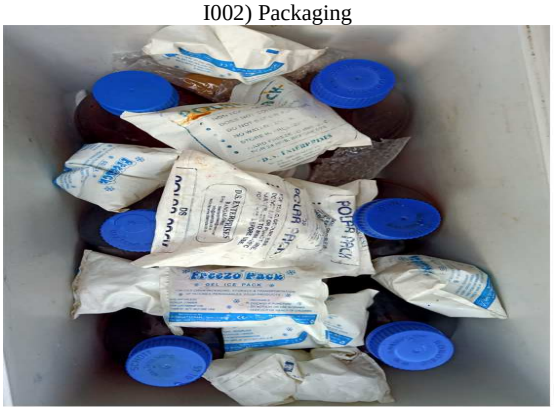
Remark：

- Test method, reporting limit and list of chemical are summarized in Appendix B.
- ND = Not detected (Please refer to reporting limit shown in Appendix B).

APPENDIX A - Photo of the Sample/ Sampling Location

I001) Sampling Point (North 28.5909506, East77.0423349) 	I001) Sampling Point Surrounding Environment (North 28.5909506, East77.0423349) 
I001) All sampled bottles with label 	I001) pH value 

I001) Sample for Phthalate Testing 	I001) Packaging 
I002) Sampling Point (North 28.5909506, East77.0423349) 	I002) Sampling Point Surrounding Environment (North 28.5909506, East77.0423349) 
I002) All sampled bottles with label 	I002) pH value 

I002) Sample for Phthalate Testing	I002) Packaging
	

APPENDIX B

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
2A. Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers	Nonylphenol NP, mixed isomers	Various (incl. 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3)	5	0.4	NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTM D7065 (GC/MS or LC/MS(-MS) OPEO/NPEO: ISO18857-2 or ASTM D7065(LC/MS; GC/MS or LC/MSMS for n=1,2) APEO 1-18
	Octylphenol OP, mixed isomers	Various (incl. 140-66-9, 1806-26-4, 27193-28-8)	5	0.4	
	Octylphenol ethoxylates (OPEO)	Various (incl. 9002-93-1, 9036-19-5, 68987-90-6)	5	0.4	
	Nonylphenol ethoxylates (NPEO)	Various (inc. 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0)	5	0.4	
2B. Chlorobenzenes and Chlorotoluenes	Monochlorobenzene	108-90-7	0.2	0.2	USEPA 8260B, 8270D. Dichloromethane extraction followed by GC/MS
	1,2-Dichlorobenzene	95-50-1	0.2	0.2	
	1,3-Dichlorobenzene	541-73-1	0.2	0.2	
	1,4-Dichlorobenzene	106-46-7	0.2	0.2	
	1,2,3-Trichlorobenzene	87-61-6	0.2	0.2	
	1,2,4-Trichlorobenzene	120-82-1	0.2	0.2	
	1,3,5-Trichlorobenzene	108-70-3	0.2	0.2	
	1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	0.2	
	1,2,3,5-Tetraclorobenzene	634-90-2	0.2	0.2	
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	0.2	
	Pentachlorobenzene	608-93-5	0.2	0.2	
	Hexachlorobenzene	118-74-1	0.2	0.2	
	2-Chlorotoluene	95-49-8	0.2	0.2	
	3-Chlorotoluene	108-41-8	0.2	0.2	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
	4-Chlorotoluene	106-43-4	0.2	0.2	
	2,3-Dichlorotoluene	32768-54-0	0.2	0.2	
	2,4-Dichlorotoluene	95-73-8	0.2	0.2	
	2,5-Dichlorotoluene	19398-61-9	0.2	0.2	
	2,6-Dichlorotoluene	118-69-4	0.2	0.2	
	3,4-Dichlorotoluene	95-75-0	0.2	0.2	
	3,5-Dichlorotoluene	25186-47-4	0.2	0.2	
	2,3,4-Trichlorotoluene	7359-72-0	0.2	0.2	
	2,3,6-Trichlorotoluene	2077-46-5	0.2	0.2	
	2,4,5-Trichlorotoluene	6639-30-1	0.2	0.2	
	2,4,6-Trichlorotoluene	23749-65-7	0.2	0.2	
	3,4,5-Trichlorotoluene	21472-86-6	0.2	0.2	
	2,3,4,5-Tetrachlorotoluene	76057-12-0	0.2	0.2	
	2,3,5,6-Tetrachlorotoluene	29733-70-8	0.2	0.2	
	2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	0.2	
	Pentachlorotoluene	877-11-2	0.2	0.2	
2C. Chlorophenols	2-Chlorophenol	95-57-8	0.5	0.05	USEPA 8270 D Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC/MS
	3-Chlorophenol	108-43-0	0.5	0.05	
	4-Chlorophenol	106-48-9	0.5	0.05	
	2,3-Dichlorophenol	576-24-9	0.5	0.05	
	2,4-Dichlorophenol	120-83-2	0.5	0.05	
	2,5-Dichlorophenol	583-78-8	0.5	0.05	
	2,6-Dichlorophenol	87-65-0	0.5	0.05	
	3,4-Dichlorophenol	95-77-2	0.5	0.05	
	3,5-Dichlorophenol	591-35-5	0.5	0.05	
	2,3,4-Trichlorophenol	15950-66-0	0.5	0.05	
	2,3,5-Trichlorophenol	933-78-8	0.5	0.05	
	2,3,6-Trichlorophenol	933-75-5	0.5	0.05	
	2,4,5-Trichlorophenol	95-95-4	0.5	0.05	
	2,4,6-Trichlorophenol	88-06-2	0.5	0.05	
	3,4,5-Trichlorophenol	609-19-8	0.5	0.05	
	2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.05	
	2,3,4,6-Tetrachlorophenol	58-90-2	0.5	0.05	
	2,3,5,6-Tetrachlorophenol	935-95-5	0.5	0.05	
	Pentachlorophenol (PCP)	87-86-5	0.5	0.05	
2D. Dyes - Azo (Forming Restricted Amines)	4,4`-Methylene-bis-(2-chloro-aniline)	101-14-4	0.1	0.2	EN 14362. Reduction step with Sodiumdithionite, solvent extraction, GC/MS or LC/MS
	4,4'-methylenedianiline	101-77-9	0.1	0.2	
	4,4`-Oxydianiline	101-80-4	0.1	0.2	
	4-Chloroaniline	106-47-8	0.1	0.2	
	3,3`-Dimethoxybenzidine	119-90-4	0.1	0.2	
	3,3`-Dimethylbenzidine	119-93-7	0.1	0.2	
	6-methoxy-m-toluidine (p-Cresidine)	120-71-8	0.1	0.2	
	2,4,5-Trimethylaniline	137-17-7	0.1	0.2	
	4,4`-Thiodianiline	139-65-1	0.1	0.2	
	4-Aminoazobenzene	60-09-3	0.1	0.2	
	4-Methoxy-m-phenylenediamine	615-05-4	0.1	0.2	
	4,4`-Methylene-di-o-toluidine	838-88-0	0.1	0.2	
	2,6-Xylidine	87-62-7	0.1	0.2	
	o-Anisidine	90-04-0	0.1	0.2	
	2-Naphthylamine	91-59-8	0.1	0.2	
	3,3`-Dichlorobenzidine	91-94-1	0.1	0.2	
	4-Aminodiphenyl	92-67-1	0.1	0.2	
	Benzidine	92-87-5	0.1	0.2	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
	o-Toluidine	95-53-4	0.1	0.2	
	2,4-Xylidine	95-68-1	0.1	0.2	
	4-Chloro-o-toluidine	95-69-2	0.1	0.2	
	4-Methyl-m-phenylenediamine	95-80-7	0.1	0.2	
	o-Aminoazotoluene	97-56-3	0.1	0.2	
	5-nitro-o-toluidine	99-55-8	0.1	0.2	
2E. Dyes-Carcionogenic or Equivalent Concern	C.I. Direct Black 38	1937-37-7	500	10	Liquid Extraction LC/MS
	C.I. Direct Blue 6	2602-46-2	500	10	
	C.I. Acid Red 26	3761-53-3	500	10	
	C.I. Basic Red 9	569-61-9	500	10	
	C.I. Direct Red 28	573-58-0	500	10	
	C.I. Basic Violet 14	632-99-5	500	10	
	C.I. Disperse Blue 1	2475-45-8	500	10	
	C.I. Disperse Blue 3	2475-46-9	500	10	
	C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	500	10	
	C.I. Basic Green 4 (malachite green chloride)	569-64-2	500	10	
	C.I. Basic Green 4 (malachite green oxalate)	2437-29-8	500	10	
	C.I. Basic Green 4(malachite green)	10309-95-2	500	10	
	Disperse Orange 11	82-28-0	500	10	
2F. Dyes-disperse (sensitizing)	Disperse Yellow 1	119-15-3	50	2	Liquid Extraction LC/MS
	Disperse Blue 102	12222-97-8	50	2	
	Disperse Blue 106	12223-01-7	50	2	
	Disperse Yellow 39	12236-29-2	50	2	
	Disperse Orange 37/59/76	13301-61-6	50	2	
	Disperse Brown 1	23355-64-8	50	2	
	Disperse Orange 1	2581-69-3	50	2	
	Disperse Yellow 3	2832-40-8	50	2	
	Disperse Red 11	2872-48-2	50	2	
	Disperse Red 1	2872-52-8	50	2	
	Disperse Red 17	3179-89-3	50	2	
	Disperse Blue 7	3179-90-6	50	2	
	Disperse Blue 26	3860-63-7	50	2	
	Disperse Yellow 49	54824-37-2	50	2	
	Disperse Blue 35	12222-75-2	50	2	
	Disperse Blue 124	61951-51-7	50	2	
	Disperse Yellow 9	6373-73-5	50	2	
	Disperse Orange 3	730-40-5	50	2	
	Disperse Blue 35	56524-77-7	50	2	
2G. Flame Retardants	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	5	1	ISO 22032, USEPA527 and USEPA8321B. Dichloromethane extraction GC/MS or LC/MS(-MS)
	Decabromodiphenyl ether (DecaBDE)	1163-19-5	5	1	
	Tris(2,3-dibromopropyl) phosphate (TRIS/TDBPP)	126-72-7	5	1	
	Pentabromodiphenyl ether (PentaBDE)	32534-81-9	5	1	
	Octabromodiphenyl ether (OctaBDE)	32536-52-0	5	1	
	Bis(2,3-dibromopropyl) phosphate (BIS/BDBPP)	5412-25-9	5	1	
	Tris(aziridinyl)-phosphineoxide (TEPA)	545-55-1	5	1	
	Polybromobiphenyls	59536-65-1	5	1	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
	(PBBs)				
	Tetrabromobisphenol A (TBBPA)	79-94-7	5	1	
	Hexabromocyclododecane (HBCDD)	3194-55-6	5	1	
	2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	5	1	
	Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	5	1	
	Short chain chlorinated paraffins (SCCPs) (C10-C13)	85535-84-8	5	1	
2H. Glycols	Bis(2-methoxyethyl)-ether	111-96-6	50	10	US EPA 8270 Liquid Extraction LC/MS
	2-ethoxyethanol	110-80-5	50	10	
	2-ethoxyethyl acetate	111-15-9	50	10	
	Ethylene glycol dimethyl ether	110-71-4	50	10	
	2-methoxyethanol	109-86-4	50	10	
	2-methoxyethylacetate	110-49-6	50	10	
	2-methoxypropylacetate	70657-70-4	50	10	
	Triethylene glycol dimethyl ether	112-49-2	50	10	
2I. Halogenated Solvents	1,2-Dichloroethane	107-06-2	1	2	USEPA 8260B Headspace GC/MS or Purgeand-Trap-GC/MS
	Methylene Chloride	75-09-2	1	2	
	Trichloroethylene	79-01-6	1	2	
	Tetrachloroethylene	127-18-4	1	2	
2J. Organotin Compounds	Mono-, di- and tri-methyltin derivatives	Multiple	0.01	0.2	ISO 17353 Derivatisation with NaB(C2H5) GC/MS
	Mono-, di- and tri-butyltin derivatives	Multiple	0.01	0.2	
	Mono-, di- and tri-phenyltin derivatives	Multiple	0.01	0.2	
	Mono-, di- and tri-octyltin derivatives	Multiple	0.01	0.2	
	Monomethyltin	Multiple	0.01	0.2	
	Dimethyltin	Multiple	0.01	0.2	
	Trimethyltin	Multiple	0.01	0.2	
	Monobutyltin	Multiple	0.01	0.2	
	Dibutyltin	Multiple	0.01	0.2	
	Tributyltin	Multiple	0.01	0.2	
	Monophenyltin	Multiple	0.01	0.2	
	Diphenyltin	Multiple	0.01	0.2	
	Triphenyltin	Multiple	0.01	0.2	
	Monooctyltin	Multiple	0.01	0.2	
	Dioctyltin	Multiple	0.01	0.2	
	Trioctyltin	Multiple	0.01	0.2	
2K. Perfluorinated and Polyfluorinated Chemicals (PFCs)	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01	0.10	DIN 38407-42 (modified) Ionic PFC: Concentration or direct injection, LC/MS(-MS); Non-ionic PFC (FTOH): derivatisation with acetic anhydride, followed by GC/MS
	Perfluoro-n-octanoic acid (PFOA)	335-67-1	0.01	0.10	
	Perfluorobutanesulfonic acid (PFBS)	29420-49-3, 29420-43-3	0.01	0.10	
	Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	0.01	0.10	
	8:2 FTOH	678-39-7	1	1	
	6:2 FTOH	647-42-7	1	1	
2L. Phthalates	Di-2-ethylhexyl phthalate	117-81-7	10	2	US EPA 8270D, ISO

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
(including all other esters of phthalic acid)	(DEHP)				18856 Dichloromethane extraction GC/MS
	Dimethoxyethyl phthalate (DMEP)	117-82-8	10	2	
	Di-n-octyl phthalate (DNOP)	117-84-0	10	2	
	Di-iso-decyl phthalate (DIDP)	26761-40-0	10	2	
	Di-iso-nonyl phthalate (DINP)	28553-12-0	10	2	
	Di-n-hexyl phthalate (DnHP)	84-75-3	10	2	
	Dibutyl phthalate (DBP)	84-74-2	10	2	
	Butyl benzyl phthalate (BBP)	85-68-7	10	2	
	Dinonyl phthalate (DNP)	84-76-4	10	2	
	Diethyl phthalate (DEP)	84-66-2	10	2	
	Di-n-propyl phthalate (DPRP)	131-16-8	10	2	
	Di-iso-butyl phthalate (DIBP)	84-69-5	10	2	
	Di-cyclohexyl phthalate (DCHP)	84-61-7	10	2	
	Di-iso-octyl phthalate (DIOP)	27554-26-3	10	2	
	1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)	68515-42-4	10	2	
	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	10	2	
2M. Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]pyrene (BaP)	50-32-8	1	0.2	DIN 38407-39 Solvent extraction GC/MS
	Anthracene	120-12-7	1	0.2	
	Pyrene	129-00-0	1	0.2	
	Benzo[ghi]perylene	191-24-2	1	0.2	
	Benzo[e]pyrene	192-97-2	1	0.2	
	Indeno[1,2,3-cd]pyrene	193-39-5	1	0.2	
	Benzo[j]fluoranthene	205-82-3	1	0.2	
	Benzo[b]fluoranthene	205-99-2	1	0.2	
	Fluoranthene	206-44-0	1	0.2	
	Benzo[k]fluoranthene	207-08-9	1	0.2	
	Acenaphthylene	208-96-8	1	0.2	
	Chrysene	218-01-9	1	0.2	
	Dibenz[a,h]anthracene	53-70-3	1	0.2	
	Benzo[a]anthracene	56-55-3	1	0.2	
	Acenaphthene	83-32-9	1	0.2	
	Phenanthrene	85-01-8	1	0.2	
	Fluorene	86-73-7	1	0.2	
	Naphthalene	91-20-3	1	0.2	
2N. Volatile Organic Compound (VOCs)	Benzene	71-43-2	1	2	ISO 11423-1 Headspace- or Purge-and-Trap-GC/MS
	Xylene	1330-20-7	1	2	
	o-cresol	95-48-7	1	2	
	p-cresol	106-44-5	1	2	
	m-cresol	108-39-4	1	2	
1A. Conventional Parameters	Temperature	—	N/A	N/A	Apply the standard methods that best apply to the region (ISO, EU,
	TSS	—	N/A	N/A	
	COD	—	N/A	N/A	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
	Total-N	–	N/A	N/A	US, China), please refer to ZDHC Wastewater Guidelines for more details on the testing method and the levels (Foundational, Progressive, and Aspirational). Cyanide: With reference to APHA 4500 CN—B,C&E and followed by UV analysis
	pH	–	N/A	N/A	
	Color [m^{-1}] (436nm; 525nm; 620nm)	–	N/A	N/A	
	BOD5	–	N/A	N/A	
	Ammonium-N	–	N/A	N/A	
	Total-P	–	N/A	N/A	
	AoX	–	N/A	N/A	
	Oil and Grease	–	N/A	N/A	
	Phenol	–	N/A	N/A	
	Coliform(bacteria/100ml)	–	N/A	N/A	
	Persistent Foam	–	Not visible	Not visible	
	ANIONS				
	Cyanide(CN-)	Various (incl. 57-12-5)	0.02	1	
	Sulfide	–	N/A	N/A	
	Sulfite	–	N/A	N/A	
1B. Conventional Parameters - **METALS**	Antimony(Sb)	7440-36-0	0.001	N/A	Various Acid Digestion with ICP analysis Please refer to ZDHC Wastewater Guidelines for more details on the testing method and the levels (Foundational, Progressive, and Aspirational). Cr(VI): Various Solvent extraction and derivatisation followed by UV analysis
	Chromium(Cr), total	7440-47-3	0.001	N/A	
	Cobalt(Co)	7440-48-4	0.001	N/A	
	Copper(Cu)	7440-50-8	0.001	N/A	
	Nickel (Ni)	7440-02-0	0.001	N/A	
	Silver (Ag)	7440-22-4	0.001	N/A	
	Zinc(Zn)	7440-66-6	0.001	N/A	
	Arsenic (As)	7440-38-2	0.001	2	
	Cadmium(Cd)	7440-43-9	0.0001	2	
	Chromium VI(CrVI)	18540-29-9	0.001	2	
	Lead(Pb)	7439-92-1	0.001	2	
	Mercury (Hg)	7439-97-6	0.00005	0.2	
3. Conventional Parameters	Dry mass (total solids)	–	N/A	N/A	US EPA 160.3 / 209A

Note / Key :

U. S. EPA = United States Environmental Protection Agency
APHA = American Public Health Association

APPENDIX C – Onsite Field Data Record Sheet

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE
(COMPOSITE / INDIVIDUAL SAMPLING)

General Data	
Laboratory Sample Number	(6722) - 1860059
Client Name	R.S Buildgab PVT LTD.
Plant Contact Person	Ajay dikshit Phone No. 9718301673
Project (Facility Name and Address)	R.S Buildgab Pvt. Ltd.
Sampling Location / Description	C-11 Site-C Surajpur Greater Noida
Sample Identification	Zero discharge with sampling port
Sample Type	Composite Sample / Grab sample
Name of Sampler	Vikram
Discharge mode	[illegible]
Date of collection	04/07/22
Factory Type	Dyeing / Printing / Washing / Finishing / Others please specify: Bedsheets

Field Data for Wastewater

Arrival Time	10:00 Am		Departure Time		4:30 Pm			
Field Parameters	pH		Temp °C		Date		Flow rate	
Control No. of field equipment								
Factory with effluent treatment plant	Yes ✓				No			
Sample matrix	Incoming water (if required)							
	Wastewater before treatment							
	✓ Wastewater after treatment – water at discharge point				Pe Jone treatment			
Sampler container number								
	1	2	3	4	5	6	7	8
Recording time	10:15	11:15	12:15	1:15	2:15	3:15	4:15	
pH	8.45	8.47	8.49	8.51	8.57	8.51	8.49	
Temp (°C)	37.5	37.6	37.9	37.8	38.1	38.1	38.2	
Color (visual estimation)	Clear Brown							
Flow rate								
Volume collected								
Total volume collected	Remark: Total volume collected must be greater than total of sample size required							

Analysis Required and Preservation Method

Tests (ZDHC WWG Parameters)		Total required	Total of sample size	Type of container	Preservation method
	1. Phenols	✓			
	2. Chlorobenzenes, Chlorotoluenes & PAHs	✓	1000 mL total or 1000 mL each		
	3. SCCPs	✓			
	4. APs	✓			
5. APEOs		✓	100 mL		
6. Chlorophenols & …		✓	100 mL		
7. Flame retardant		✓	500 mL		
8. Dyes		✓	50 mL		
9. [illegible]		✓	50 mL	Amber Glass container with PTFE cap	Without adding acid; Store sample at ≤ 6°C
10. Pesticides			1000 mL		
11. Nitrosamine			10 mL		
12. Aromatic Amines		✓	1000 mL		
13. [illegible]			100 mL		
14. Organotin Compounds		✓	500 mL		
15. [illegible]			1 L		
16. [illegible]			2		
17. [illegible]			40		
18. VOC & Halogenated Solvents		✓	40 mL		[illegible]
19. PFCs		✓	2 mL	PE container with …	Without adding acid; Store sample at ≤ 6°C

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE
(COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00013-DATA-04	
Issue Date:	
Version No.: 17	
Business Line: Analytical	

Tests (Conventional Parameters)		Test required (✓)	Size of sample bottle	Type of container	Preservation method
Combined test or Individual test (Remark 4)	20. Total suspended solids (TSS)		2000 mL total or 2000 mL each	Amber Glass, washed with nitric acid	Without adding acid. Store sample at 2-8°C
	21. Total dissolved solids (TDS)				
22. 5-day Biochemical Oxygen Demand (BOD5)		-	1000 mL		
23. Colour			125 mL		
24. Heavy Metals except Cr(VI) & Total-P (Remark 4)		✓	1 L	PE, washed with nitric acid	Acidify to pH 2 with HNO_3 and store at 2-8°C
25. Cyanide			500 mL	Amber Glass, washed with pesticide grade acetone	[illegible]
26. Cr(VI)		✓	50 mL	Amber Glass, washed with nitric acid	[illegible]
27. Chemical oxygen demand (COD)			100 mL		Acidify to pH 2 with H_2SO_4. Store sample at 2-8°C
28. Phenols			500 mL		
29. Oil and Grease & Total Hydrocarbon			1000 mL		
30. Formaldehyde			25 mL		[illegible]
31. Sulfide (Remark 5)			50 mL	PE, washed with pesticide grade acetone	[illegible]
32. E.coli (Remark 6)			125 mL	PE, clean, sterile	[illegible]
33. Persistent foam			N.A.	[illegible]	
34. Sulfite			100 mL	Amber Glass, washed with pesticide grade acetone	[illegible]
35. Nitrate			100 mL	Amber Glass, washed with nitric acid	Acidify to pH 2 with H_2SO_4. Store sample at 2-8°C
36. Ammonium-N			500 mL		
37. Adsorbable organically bound halogens (AOX)			100 mL		Acidify to pH 2 with HNO_3 and store at 2-8°C
38. Acute aquatic toxicity [illegible]			1000 mL		Without adding acid. Store sample at 2-8°C
39. Fluoride			100 mL		
40. Chloride			100 mL		
41. Conductivity			100 mL		
42. Dissolved oxygen (DO)			N.A.	[illegible]	
43. Total Chlorine			N.A.		
44. Others:					
Other sample: Remark					

Remarks:

1. Individual sampling can be performed upon request.
2. [illegible] ZDHC [illegible] Sampling time could be adjusted upon request.
3. Scope of ZDHC guideline: Parameter [illegible]
   Scope of [illegible] leather industry: Parameter [illegible]
   Scope of MMCF: Parameter [illegible]
   [illegible] are not in the scope of ZDHC Guideline, they are tested upon request.
4. Refer to CPSD-AN-[illegible] [illegible]
5. Refer to CPSD-AN-[illegible] [illegible]
6. Refer to CPSD-AN-[illegible] [illegible]

Recorded by: Vikram (Full name) Date: 04/07/22

Comment from factory:

Acknowledgement by factory:

I hereby confirmed that Bureau Veritas has completed the above sampling activity [illegible]

For R.S. PRINTFAB PVT. LTD.

Signature of Factory Representative: [signature] Full Name: Authorised Signatory Date: 4/7/22

CPSD-AN-[illegible] FIELD DATA RECORD ZDHC SAMPLING-V17 Page 2 of 3

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)	CPSD-AN-00013-DATA 04
	Issue Date:
	Version No.: 17
	Business Line: Analytical

General Data

Laboratory Sample Number	(6722)-1860059
Client Name	RS Buildgab PVT. LTD
Field Contact Person	Ajay Dikshit Phone No. 9718301673
Project (Facility Name and address)	R.S Buildgab PVT. LTD
Sampling Location / Description	C-11 Site-C Surajpur Industrial area Greater Noida
Sample Identification	Zero discharge with sampling plan
Sample Type	Composite sample / Grab sample (Please delete as appropriate)
Name of Sampler	Vikram Singh
Discharge mode	Direct discharge to environment (Specify destination: River, Sea, Stream...) / Off-site discharge to sewage treatment plant
Date of collection	
Factory Type	Dyeing / Printing / Washing / Finishing / Others (please specify)
	Note: it could be selected more than one

Field Data for Wastewater

Arrival Time	10:00 AM		Departure Time		4:30 PM			
Field Parameters	pH		Temp. °C		Color		Flow rate (volume/time)	
Control No. of field equipment								
Factory with effluent treatment plant			Yes ✓				No	
Sample matrix		Incoming water (If required)						
		Wastewater before treatment						
		Wastewater after treatment / water at discharge point				After treatment		
Sampler container number								
	1	2	3	4	5	6	7	8
Recording time (Time)	10:15	11:15	12:15	1:15	2:15	3:15	4:15	
pH	7.46	7.48	7.51	7.52	7.54	7.55	7.51	
Temp (°C)	33.9	34.0	34.2	34.5	34.7	34.8	34.9	
Color (visual estimation)	Colourless							
Flow rate (volume/time)								
Volume collected, mL	2000	2000	2000	2000	2000	2000	2000	
Total volume collected	14 Ltr.	Remark: Total volume collected must be greater than total of sample size required						

Analysis Required and Preservation Method

Tests (ZDHC MRSL Parameters)		Test required (✓)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	1. Phthalate	✓	1000 mL total or 1000 mL each	Amber Glass washed with nitric acid	Without adding acid, Store sample at 4°C
	2. Chlorobenzenes, Chlorotoluene & PAH	✓			
	3. SCCPs	✓			
	4. APS	✓			
5. APEOs		✓	100 mL		
6. Chlorophenols & Cresols		✓	100 mL		
7. Flame retardant		✓	500 mL		
8. Dyes		✓	15 mL		
9. Glycol		✓	50 mL		
10. Pesticides			1000 mL		
11. Nitrosamine			15 mL		
12. Benzene Amine		✓	2000 mL		
13. Three primary aromatic amines			500 mL		
14. Organotin Compounds		✓	500 mL		
15. UV absorbers			NA		
16. BPA			2		
17. Preservatives			50		
18. VOC & Halogenated Solvents (Remark 5)		✓	15 mL		Fill to full container, adjust to pH 2 with HCl and store sample at 4°C
19. PFCs (Remark 6)		✓	2 mL	PE bottles with polyolefin plastic closures	Without adding acid, Store sample at 4°C

CPSD-AN-00013-DATA 04 FIELD DATA RECORD ZDHC SAMPLING V.17 Page 1 of 1

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE
(COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00013-DATA 34
Issue Date:
Version No.: 17
Business Line: Analytical

Tests (Conventional Parameters)	Test required	Volume of sample	Type of container	Preservation method
Combined test or Individual test (Remark 4): 20. Total suspended solids (TSS); 21. Total dissolved solids (TDS)	✓	1000 mL	Amber Glass, washed with nitric acid	Without adding acid. Store sample at 2-8°C
22. 5-Day Biochemical Oxygen Demand (BOD5)	✓	1000 mL		
23. Colour	✓	100 mL		
24. Heavy Metals (Remark 5)	✓	[illegible]	PE, washed with nitric acid	Acidify to pH 2 with HNO3 and store at 2-8°C
25. Cyanide	✓	500 mL	Amber Glass, washed with pesticide grade acetone	[illegible]
26. Cr(VI)	✓	50 mL	Amber Glass, washed with nitric acid	[illegible]
27. Chemical oxygen demand (COD)	✓	100 mL		Acidify to pH 2 with H_2SO_4. Store sample at 2-8°C
28. Phenols	✓	500 mL		
29. Oil and Grease & Total Hydrocarbon	✓	1000 mL		
30. Formaldehyde	✓	20 mL		[illegible]
31. Sulfide (Remark 5)	✓	50 mL	PE, washed with pesticide grade acetone	[illegible]
32. E.coli (Remark 6)		100 mL	PE, sterile	[illegible] Store sample at 2-8°C
33. Persistent foam	✓	N.A.	[illegible]	
34. Sulfite	✓	100 mL	Amber Glass, washed with pesticide grade acetone	Add 1 mL of 2.5% EDTA. Store sample at 2-8°C
35. Total-N	✓	100 mL	Amber Glass, washed with nitric acid	Acidify to pH 2 with H_2SO_4. Store sample at 2-8°C
36. Ammonium-N	✓	500 mL		
37. Adsorbable organically bound halogens (AOX)	✓	100 mL		Acidify to pH 2 with HNO_3 and store at 2-8°C
38. Acute aquatic toxicity: Luminous Bacteria, Fish Egg, Daphnia, Algae		1000 mL		Without adding acid. Store sample at 2-8°C
39. Sulphate		100 mL		
40. Chloride		100 mL		
41. Conductivity		100 mL		
42. Dissolved oxygen (DO)		N.A.	Measure in field	
43. Total Chlorine		N.A.		
44. Others				
Observation Remark:				

Remarks:

1. Individual sampling can be performed upon request.
2. The minimum sampling time for 2016 ZDHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request.
3. Scope of ZDHC guideline: [illegible]
Scope of [illegible]
Scope of [illegible]
[illegible]
4. Refer to CPSD-AN-[illegible]
5. Refer to CPSD-AN-[illegible]
6. Refer to CPSD-AN-[illegible]

Recorded by: Vikram (Full name) Date: 4/7/22

Comment from factory:

Acknowledgement by factory:

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at [illegible]

For R.S. PRINTFAB PVT. LTD.

Authorised Signatory

Signature of Factory Representative: [signature] Full Name Date: 4/7/22

CPSD-AN-00013-DATA 34 / FIELD DATA RECORD ZDHC SAMPLING V17 Page 2 of 3

APPENDIX D – Limitation Value of Legal Requirements

U.P. Pollution Control Board

CONSENT ORDER

Ref No. - 40703/UPPCB/GreaterNoida(UPPCBRO)/CTO/water/GREATER NOIDA/2018 **Dated : 14/01/2019**

To ,

Shri RAVI WADHWA
M/s LAXMI FABDYE PRINTING PVT LTD
Plot No- C-7 & C-11, Site-C, Industrial Area, Surajpur, Greater Noida, Gautambudh Nagar 201306
GREATER NOIDA

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. LAXMI FABDYE PRINTING PVT LTD

Reference Application No :3776294 **Dated :14/01/2019**

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act) M/s. LAXMI FABDYE PRINTING PVT LTD is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tant/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
2. This consent is valid for the period from 01/01/2019 to 31/12/2022 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Previntion and Controt of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority . AKHLAQ HUSAIN

For and on behalf of U.P. Pollution Control Board

CEO 1

Enclosed : As above
(condition of consent):

Copy to: RO UPPCB GREATER NOIDA

AKHLAQ HUSAIN

CEO 1

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.LAXMI FABDYE PRINTING PVT LTD vide

Consent Order No. 3776294/ Water Dated : 14/01/2019

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Dying and washing of fabric-400 MTM.

2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	**Kind of Effulant**	**Maximum daily discharge,KL/day**	**Treatment facility and discharge point**
1	Domestic	6 KLD	Septic Tank
2	Industrial	480 KLD	ETP

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .

4 a. The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effulant		
S.No	**Parameter**	**Standard**

4 b. The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effulant		
S.No	**Parameter**	**Standard**
1	Total Suspended Solids	100 mg/ltr.
2	BOD	30 mg/lt
3	COD	250 mg/lit
4	Oil & Grease	10 mg/lt

5 . Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .

6 . The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .

7 . The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.

8 . The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .

Specific Conditions:

1. Industry shall abstract ground water with the valid permission (NOC) of the CGWA
2. Industry shall comply the provisions of EP Act, 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended.
3. Industry shall dispose the hazardous waste through authorized recyclers/TSDF.
4. Treated effluent/sewage shall be used for irrigation purposes as much as possible.
5. Industry shall comply the provisions of notification dt. 07-10-2016 of Ministry of Water Resources, River Development and Ganga Conservation, GOI.
6. Industry shall comply the order passed by Hon'ble NGT time to time.
7. This consent is valid for the product and production capacity of above mentioned product.
8. Industry shall comply the conditions imposed in the previous consent.
9. Industry shall send the records of energy meter reading installed on ETP and Flow meter reading regularly on quarterly basis.
10. If UPPCB or CPCB issues closure order against the industry, this consent shall remain suspended for the period till closure order is revoked, after which the consent will be effective again for the remaining period.
11. The unit should be operated in such a way so that there is no adverse impact on public and environment.
12. Industry shall develop proper green belt and rain water harvesting system as per guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and manuring arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.
13. Industry shall submit latest analysis report from Boards Laboratory, analyzed on payment basis on yearly basis.
14. Industry shall submit latest balance sheet and accordingly balance fee to the Board within one month.
15. Industry shall install Online Continuous Effluent Monitoring System (OCEMS) & connect it with SPCBs and CPCB server if required.

Issued with the permission of competent authority .

AKHLAQ HUSAIN

For and on behalf of U.P. Pollution Control Board .

CEO 1

सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Office of the Registrar of Companies
4th Floor, IFCI Tower 61, New Delhi, Delhi, India, 110019

Certificate of Incorporation pursuant to change of name
[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]

Corporate Identification Number (CIN): U18202DL2014PTC267771

I hereby certify that the name of the company has been changed from LAXMI FABDYE PRINTING PRIVATE LIMITED to R.S. PRINTFAB PRIVATE LIMITED with effect from the date of this certificate and that the company is limited by shares.

Company was originally incorporated with the name LAXMI FABDYE PRINTING PRIVATE LIMITED.

Given under my hand at New Delhi this Twelfth day of August two thousand nineteen.

DS DS
MINISTRY OF
CORPORATE
AFFAIRS 1

KAMAL HARJANI

Registrar of Companies
RoC - Delhi

Mailing Address as per record available in Registrar of Companies office:

R.S. PRINTFAB PRIVATE LIMITED

4754, LAXMI BAZAR CLOTH MARKET, CHANDNI CHOWK, DELHI, North Delhi, Delhi, India, 110006