



Report No.: SL92109242842701FW-1
TEST REPORT
20-04-2021

THIS REPORT CANCELS AND SUPERSEDES THE TEST REPORT NO. SL92109242842701FW DATE: 15-04-2021, ISSUED BY SGS GUANGZHOU, UPDATED CLIENT INFORMATION.

CLIENT DETAILS

Client Name: Foshan Lisheng Textile Company Ltd
Client Contact: Tracy
Telephone: 075786816507
Email: shipping@vitaindigo.com
Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

LABORATORY DETAILS

SGS Affiliate: SGS-CSTC Ltd.
SGS Contact: Nancy Sun
Telephone: +86(020)32136120
Email: Nancy.Sun@sgs.com
Address: 2&3/F Building No.1, 198 Kezhu Road, Sciencetech Park Guangzhou Economic&Development District, Guangzhou, China

FACTORY DETAILS

Factory Name: Foshan Lisheng Textile Company Ltd
Factory Contact: Tracy
Telephone: 075786816507
Email: shipping@vitaindigo.com
Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China
Types of Mills: (2) Yarn Dyeing, Bleaching (3) Fabric Dyeing, Finishing, Washing
Discharge Destination To Centralized Waste Water Treatment Plant
Name of Municipal/Centralized ETP: Foshan Nanhai Xinlong water treatment Co., Ltd
Address of Municipal/Centralized ETP: 8 Xinzhi Avenue, A district, Xiqiao science and Technology Industrial Park, Nanhai District, Foshan City

SAMPLE AND TESTING DETAILS

Sampling Country: SGS China SL
ZDHC Sampler's Certification No.: 8F146507257
Sampling Date: 30-03-2021
Sample Received Date: 30-03-2021
Test Performing Period: 30-03-2021 ~ 15-04-2021
No. of Samples: Water (2)
Sample Descriptions: 1) Incoming water (Grab)
2) Raw Wastewater(Discharged Wastewater) (6-hour Composite)
Sample Volume 1) Incoming water 8L
2) Raw Wastewater(Discharged Wastewater) 20L
Testing Institute: SGS China GZ Lab
Discharge Method: Indirect Discharge

OVERALL RESULTS

	Incoming Water	Raw Waste Water (Discharged Waste Water)
Conventional Parameters / Anion / Metals:	Fulfill Aspirational Limit	Please refer to the information in TEST RESULTS
MRSL Parameters:	Not Detected	Detected

REMARKS

1. This test document cannot be reproduced in any way, except in full content, without prior approval in writing by the laboratory.
2. The results shown in this test report refer only to the sampling and the sample(s) tested unless otherwise stated.
3. For indirect discharge, factory performance against ZDHC requirements for conventional parameters, anions and metals for Discharged Waste Water are for reference only. Actual factory performance on Discharged Waste Water should be compared with the discharged license of the factory.

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivan Xie
Technical Manager

RESULT SUMMARY

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

TEST ITEMS	Incoming Water	Raw Waste Water (Discharged Waste Water)
Conventional Parameters	-	Please refer to the information in TEST RESULTS
Anions	-	X
Metals	O	X
Alkylphenols (APs) and Alkylphenol Ethoxylates (APEOs)	N/A	O
Chlorobenzenes and Chlorotoluenes (COCs)	N/A	O
Chlorophenols	N/A	O
Azo dyes	N/A	O
Carcinogenic dyes	N/A	O
Disperse dyes	N/A	O
Flame retardants	N/A	O
Glycols	N/A	O
Halogenated solvents	O	X
Organotin Compounds	N/A	O
Perfluorinated / Polyfluorinated Chemicals (PFCs)	N/A	O
Phthalates	N/A	O
Polycyclic Aromatic Hydrocarbons (PAHs)	N/A	O
Volatile Organic Compounds (VOCs)	O	X

Note:

X - Detected

O - Not Detected

N/A - Not Tested

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

	Sample ID			92109242842701-1	92109242842701-2	Factory Performances (Refer to Remarks in cover page)	*Local Requirements	
	Date of Sampling			30-03-2021	30-03-2021			
	Sampling Location			Incoming water pipe	Wastewater discharged outlet			
	Sampling Start Time			13:20	9:10			
	Sampling End Time			13:30	15:10			
	Date of Sample Received			30-03-2021	30-03-2021			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
Sample Colour Description	-	-	-	Colourless	Indigo	-	-	-
Average Waste Water Flow	-	-	L/hr	-	3.37X10 ⁴	-	-	-
Conventional Parameters								
Temp-Difference	-	-	°C	-	N/A	-	Fulfil Foundational Limit	N/A
Temp-Discharge Pipe	-	-	°C	-	34.6	-		35
Temp-Receiving WaterΔ	-	-	°C	-	N/A	-		N/A
TSS	-	5	mg/L	-	350	-	Exceed Foundational Limit	250
COD	-	10	mg/L	-	1300	-	Exceed Foundational Limit	500
Total Nitrogen (Total-N)	-	5	mg/L	-	27	-	Exceed Foundational Limit	N/A
pH Value	-	-	-	-	10.4	-	Exceed Foundational Limit	6.0-9.0
Colour (436nm; 525nm; 620nm)	-	-	m ⁻¹	-	109.5; 91.3; 119.4	-	Exceed Foundational Limit	N/A
Colour	-	-	-	-	1600	-	-	350
BOD (5-day)	-	5	mg/L	-	198	-	Exceed Foundational Limit	350
Ammonium Nitrogen (Ammonium-N)	-	0.5	mg/L	-	5.3	-	Fulfil Foundational Limit	25
Total Phosphorus (Total-P)	-	0.1	mg/L	-	14.7	-	Exceed Foundational Limit	3
AOX	-	0.1	mg/L	-	0.2	-	Fulfil Progressive Limit	N/A
Oil and Grease	-	0.5	mg/L	-	9.5	-	Fulfil Foundational Limit	100
Phenol	-	0.001	mg/L	-	n.d.	-	Fulfil Aspirational Limit	1.0
Coliform	-	25	Bacteria / 100ml	-	n.d.	-	Fulfil Aspirational Limit	N/A
Persistent Foam	-	Not Visible	-	-	Not Visible	-	Fulfil Aspirational Limit	N/A
Anions								
Cyanide	-	0.05	mg/L	-	0.05	-	Fulfil Aspirational Limit	0.5
Sulfide	-	0.01	mg/L	-	n.d.	-	Fulfil Aspirational Limit	1.0
Sulfite	-	0.2	mg/L	-	487.0	-	Exceed Foundational Limit	N/A
Metals								
Total Antimony (Sb)	7440-36-0	0.01	mg/L	n.d.	0.02	Fulfil Aspirational Limit	Fulfil Progressive Limit	1.0
Total Chromium (Cr)	7440-47-3	0.05	mg/L	n.d.	n.d.	Fulfil Aspirational Limit	Fulfil Aspirational Limit	1.5

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

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Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
Total Cobalt (Co)	7440-48-4	0.01	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	N/A
Total Copper (Cu)	7440-50-8	0.25	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	2.0
Total Nickel (Ni)	7440-02-0	0.05	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	1.0
Total Silver (Ag)	7440-22-4	0.005	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	N/A
Total Zinc (Zn)	7440-66-6	0.5	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	5.0
Total Arsenic (As)	7440-38-2	0.005	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	0.5
Total Cadmium (Cd)	7440-43-9	0.01	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	0.1
Hexavalent Chromium (Cr-VI)	7440-47-3, 18540-29-9	0.001	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	0.5
Total Lead (Pb)	7439-92-1	0.01	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	1.0
Total Mercury (Hg)	7439-97-6	0.001	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	0.05
Alkylphenols (APs) & Alkylphenol Ethoxylates (APEOs)								
Nonylphenol (NP), mixed isomers	Multiple, including 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3, 90481-04-2, 1173019-62-9	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Octylphenol (OP), mixed isomers	Multiple, including 140-66-9, 1806-26-4, 27193-28-8	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Octylphenol ethoxylates (OPEO)	Multiple, including 9002-93-1, 9036-19-5, 68987-90-6	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Nonylphenol ethoxlates (NPEO)	Multiple, including 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Chlorobenzenes & Chlorotoluenes (COCs)								
Monochlorobenzenes	108-90-7	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2-Dichlorobenzene	95-50-1	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,3-Dichlorobenzene	541-73-1	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,4-Dichlorobenzene	106-46-7	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2,3-Trichlorobenzene	87-61-6	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2,4-Trichlorobenzene	120-82-1	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,3,5-Trichlorobenzene	108-70-3	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2,3,5-Tetrachlorobenzene	634-90-2	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
Pentachlorobenzene	608-93-5	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

		Sample ID		92109242842701-1	92109242842701-2	Factory Performances (Refer to Remarks in cover page)		*Local Requirements
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Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
Hexachlorobenzene	118-74-1	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2-Chlorotoluene	95-49-8	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
3-Chlorotoluene	108-41-8	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
4-Chlorotoluene	106-43-4	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3-Dichlorotoluene	32768-54-0	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4-Dichlorotoluene	95-73-8	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,5-Dichlorotoluene	19398-61-9	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,6-Dichlorotoluene	118-69-4	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
3,4-Dichlorotoluene	95-75-0	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
3,5-Dichlorotoluene	25186-47-4	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,4-Trichlorotoluene	7359-72-0	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,6-Trichlorotoluene	2077-46-5	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4,5-Trichlorotoluene	6639-30-1	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4,6-Trichlorotoluene	23749-65-7	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
3,4,5-Trichlorotoluene	21472-86-6	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,4,5-Tetrachlorotoluene	76057-12-0	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,5,6-Tetrachlorotoluene	29733-70-8	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
Pentachlorotoluene	877-11-2	0.2	µg/L	N/A	n.d.	N/A	Not Detected	-
Chlorophenols								
2-Chlorophenol	95-57-8	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
3-Chlorophenol	108-43-0	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
4-Chlorophenol	106-48-9	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3-Dichlorophenol	576-24-9	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4-Dichlorophenol	120-83-2	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,5-Dichlorophenol	583-78-8	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,6-Dichlorophenol	87-65-0	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

		Sample ID		92109242842701-1	92109242842701-2	Factory Performances (Refer to Remarks in cover page)		*Local Requirements
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Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
3,4-Dichlorophenol	95-77-2	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
3,5-Dichlorophenol	591-35-5	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,4-Trichlorophenol	15950-66-0	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,5-Trichlorophenol	933-78-8	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,6-Trichlorophenol	933-75-5	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4,5-Trichlorophenol	95-95-4	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4,6-Trichlorophenol	88-06-2	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
3,4,5-Trichlorophenol	609-19-8	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
Pentachlorophenol	87-86-5	0.5	µg/L	N/A	n.d.	N/A	Not Detected	-
Azo Dyes								
4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
4,4'-Diaminodiphenylmethane	101-77-9	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
4,4'-Oxydianiline	101-80-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
p-Chloroaniline	106-47-8	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
3,3'-Dimethoxybenzidine	119-90-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
3,3'-Dimethylbenzidine	119-93-7	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
p-Cresidine	120-71-8	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4,5-Trimethylaniline	137-17-7	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
4,4'-Thiodianiline	139-65-1	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
p-Aminoazobenzene	60-09-3	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4-Diaminoaniline	615-05-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
2,6-Xylidine	87-62-7	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
o-Anisidine	90-04-0	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-

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2-Naphthylamine	91-59-8	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
3,3'-Dichlorobenzidine	91-94-1	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
4-Aminodiphenyl	92-67-1	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
Benzidine	92-87-5	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
o-Toluidine	95-53-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4-Xyldine	95-68-1	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
4-Chloro-o-Toluidine	95-69-2	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
2,4-Toluylenediamine	95-80-7	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
o-Aminoazotoluene	97-56-3	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
2-Amino-4-Nitrotoluene	99-55-8	0.1	µg/L	N/A	n.d.	N/A	Not Detected	-
Carcinogenic Dyes								
Direct Black 38	1937-37-7	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Direct Blue 6	2602-46-2	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Acid Red 26	3761-53-3	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Basic Red 9	569-61-9	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Direct Red 28	573-58-0	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Basic Violet 14	632-99-5	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Blue 1	2475-45-8	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Blue 3	2475-46-9	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Basic Blue 26	2580-56-5	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Basic Green 4 (malachite green chloride)^	569-64-2	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Basic Green 4 (malachite green oxalate)^	2437-29-8	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Basic Green 4 (malachite green)	10309-95-2	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Orange 11	82-28-0	500	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Dyes								
Disperse Yellow 1	119-15-3	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Blue 102	12222-97-8	50	µg/L	N/A	n.d.	N/A	Not Detected	-

TEST RESULTS

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		Date of Sampling		30-03-2021	30-03-2021			
		Sampling Location		Incoming water pipe	Wastewater discharged outlet			
		Sampling Start Time		13:20	9:10			
		Sampling End Time		13:30	15:10			
		Date of Sample Received		30-03-2021	30-03-2021			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
Disperse Blue 106	12223-01-7	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Yellow 39	12236-29-2	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Orange 37/59/76	13301-61-6	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Brown 1	23355-64-8	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Orange 1	2581-69-3	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Yellow 3	2832-40-8	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Red 11	2872-48-2	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Red 1	2872-52-8	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Red 17	3179-89-3	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Blue 7	3179-90-6	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Blue 26	3860-63-7	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Yellow 49	54824-37-2	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Blue 35	12222-75-2, 56524-77-7	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Blue 124	61951-51-7	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Yellow 9	6373-73-5	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Disperse Orange 3	730-40-5	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Flame Retardants								
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Decabromodiphenyl ethers (DecaBDE)	1163-19-5	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Pentabromodiphenyl ethers (PentaBDE)	32534-81-9	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Octabromodiphenyl ethers (OctaBDE)	32536-52-0	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Bis(2,3-dibromopropyl)phosphate (BIS)	5412-25-9	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Polybrominated biphenyls (PBBs)	59536-65-1	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Tetrabromobisphenol A (TBBPA)	79-94-7	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Hexabromocyclododecane (HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6	5	µg/L	N/A	n.d.	N/A	Not Detected	-

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

		Sample ID		92109242842701-1	92109242842701-2	Factory Performances (Refer to Remarks in cover page)		*Local Requirements
		Date of Sampling		30-03-2021	30-03-2021			
		Sampling Location		Incoming water pipe	Wastewater discharged outlet			
		Sampling Start Time		13:20	9:10			
		Sampling End Time		13:30	15:10			
		Date of Sample Received		30-03-2021	30-03-2021			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Short Chain Chlorinated Paraffins (SCCP), C ₁₀ -C ₁₃	85535-84-8	5	µg/L	N/A	n.d.	N/A	Not Detected	-
Glycols								
Bis(2-methoxyethyl)-ether	111-96-6	50	µg/L	N/A	n.d.	N/A	Not Detected	-
2-Ethoxyethanol	110-80-5	50	µg/L	N/A	n.d.	N/A	Not Detected	-
2-Ethoxyethyl acetate	111-15-9	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Ethylene glycol dimethyl ether	110-71-4	50	µg/L	N/A	n.d.	N/A	Not Detected	-
2-Methoxyethanol	109-86-4	50	µg/L	N/A	n.d.	N/A	Not Detected	-
2-Methoxyethylacetate	110-49-6	50	µg/L	N/A	n.d.	N/A	Not Detected	-
2-Methoxypropylacetate	70657-70-4	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Triethylene glycol dimethyl ether	112-49-2	50	µg/L	N/A	n.d.	N/A	Not Detected	-
Halogenated Solvents								
1,2-Dichloroethane	107-06-2	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Methylene chloride	75-09-2	1	µg/L	n.d.	613	Not Detected	Detected	-
Trichloroethene	79-01-6	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tetrachloroethene	127-18-4	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Organotin Compounds								
Mono-, di- and tri-methyltin derivatives	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

		Sample ID		92109242842701-1	92109242842701-2	Factory Performances (Refer to Remarks in cover page)		*Local Requirements
		Date of Sampling		30-03-2021	30-03-2021			
		Sampling Location		Incoming water pipe	Wastewater discharged outlet			
		Sampling Start Time		13:20	9:10			
		Sampling End Time		13:30	15:10			
		Date of Sample Received		30-03-2021	30-03-2021			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
Monomethyltin (MMT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Dimethyltin (DMT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Trimethyltin (TMT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Mono-, di- and tri-butyltin derivatives	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Monobutyltin (MBT)	1118-46-3, 78763-54-9	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Dibutyltin (DBT)	1002-53-5	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Tributyltin (TBT)	56573-85-4	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Mono-, di- and tri-phenyltin derivatives	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Monophenyltin (MPHT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Diphenyltin (DPHT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Triphenyltin (TPHT)	892-20-6, 668-34-8	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Mono-, di- and tri-octyltin derivatives	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Monooctyltin (MOT)	15231-57-9	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Dioctyltin (DOT)	94410-05-6, 12531-44-4	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Trioctyltin (TOT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
Perfluorinated / Polyfluorinated Chemicals (PFCs)								
PFOS	1763-23-1	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
PFOA	335-67-1	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
PFBS	375-73-5, 59933-66-3, 29420-49-3, 29420-43-3	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
PFHxA	307-24-4	0.01	µg/L	N/A	n.d.	N/A	Not Detected	-
8:2 FTOH	678-39-7	1	µg/L	N/A	n.d.	N/A	Not Detected	-
6:2 FTOH	647-42-7	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Phthalates								
Di(2-Ethyl Hexyl) Phthalate (DEHP)	117-81-7	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Di-N-Octyl Phthalate (DNOP)	117-84-0	10	µg/L	N/A	n.d.	N/A	Not Detected	-

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

	Sample ID		92109242842701-1	92109242842701-2		Factory Performances (Refer to Remarks in cover page)	*Local Requirements	
	Date of Sampling		30-03-2021					
	Sampling Location		Incoming water pipe	Wastewater discharged outlet				
	Sampling Start Time		13:20	9:10				
	Sampling End Time		13:30	15:10				
	Date of Sample Received		30-03-2021					
Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)
Di-Iso-Decyl Phthalate (DIDP)	26761-40-0, 68515-49-1	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Di-Iso-Nonyl Phthalate (DINP)	28553-12-0, 68515-48-0	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Di-N-Hexyl Phthalate (DNHP)	84-75-3	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Dibutyl Phthalate (DBP)	84-74-2	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Benzyl Butyl Phthalate (BBP)	85-68-7	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Dinonyl phthalate (DNP)	84-76-4	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Diethyl Phthalate (DEP)	84-66-2	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Di-N-Propyl Phthalate (DPRP)	131-16-8	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Di-Iso-Butyl Phthalate (DIBP)	84-69-5	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Dicyclohexyl Phthalate (DCHP)	84-61-7	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Di-Iso-Octyl Phthalate (DIOP)	27554-26-3	10	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2-Benzenedicarboxylic acid, Di-C7-11 Branched and Linear Alkyl Esters (DHNUP)	68515-42-4	10	µg/L	N/A	n.d.	N/A	Not Detected	-
1,2-Benzenedicarboxylic acid, Di-C6-8 Branched Alkyl Esters, C7-rich (DIHP)	71888-89-6	10	µg/L	N/A	n.d.	N/A	Not Detected	-
Polycyclic Aromatic Hydrocarbons (PAHs)								
Bezo[a]pyrene	50-32-8	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Anthracene	120-12-7	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Pyrene	129-00-0	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Benzo[ghi]perylene	191-24-2	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Benzo[e]pyrene	192-97-2	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Indeno[1,2,3-cd]pyrene	193-39-5	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Benzo[j]fluoranthene	205-82-3	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Benzo[b]fluoranthene	205-99-2	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Fluoranthene	206-44-0	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Benzo[k]fluoranthene	207-08-9	1	µg/L	N/A	n.d.	N/A	Not Detected	-
Acenaphthylene	208-96-8	1	µg/L	N/A	n.d.	N/A	Not Detected	-

TEST RESULTS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

		Sample ID			92109242842701-1	92109242842701-2	Factory Performances (Refer to Remarks in cover page)		*Local Requirements
		Date of Sampling			30-03-2021	30-03-2021			
		Sampling Location			Incoming water pipe	Wastewater discharged outlet			
		Sampling Start Time			13:20	9:10			
		Sampling End Time			13:30	15:10			
		Date of Sample Received			30-03-2021	30-03-2021			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Raw Waste Water (Discharged Waste Water)	Incoming Water	Raw Waste Water (Discharged Waste Water)	Raw Waste Water (Discharged Waste Water)	
Chrysene	218-01-9	1	µg/L	N/A	n.d.	N/A	Not Detected	-	
Dibenz[a,h]anthracene	53-70-3	1	µg/L	N/A	n.d.	N/A	Not Detected	-	
Benzo[a]anthracene	56-55-3	1	µg/L	N/A	n.d.	N/A	Not Detected	-	
Acenaphthene	83-32-9	1	µg/L	N/A	n.d.	N/A	Not Detected	-	
Phenanthrene	85-01-8	1	µg/L	N/A	n.d.	N/A	Not Detected	-	
Fluorene	86-73-7	1	µg/L	N/A	n.d.	N/A	Not Detected	-	
Naphthalene	91-20-3	1	µg/L	N/A	n.d.	N/A	Not Detected	-	
Volatile Organic Compounds (VOCs)									
Benzene	71-43-2	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
Xylene	1330-20-7	1	µg/L	n.d.	2	Not Detected	Detected	-	
o-cresol	95-48-7	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
p-cresol	106-44-5	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
m-cresol	108-39-4	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
Additional Parameters									
Dry Mass (Total Solids)	-	-	-	-	-	-	-	-	

Remarks:

"n.d." = Not Detected

"N/A" = Not Tested

"-" = Not Required to be Test

*The test result is based on the calculation of selected element(s) and to the worst-case scenario

*Please refer to the details of the Local Requirements in the Appendix Section

△ Due to inaccessible of the location of Receiving Water, the measurement of Temp-Receiving Water cannot be determined

TEST PARAMETERS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

ITEMS	CAS No.	METHODS	ZDHC REQUIREMENTS			Units
			Foundational Limit	Progressive Limit	Aspirational Limit	
Conventional Parameters						
Temperature	-	USEPA 170.1 or GB/T 13195	Δ15 or max. 35	Δ10 or max. 30	Δ5 or max. 25	°C
TSS	-	USEPA 160.2, APHA 2540D, ISO 11923 or GB/T 11901	50	15	5	mg/L
COD	-	USEPA 410.4, APHA 5220D, ISO 6060 or HJ 828	150	80	40	mg/L
Total Nitrogen (Total-N)	-	USEPA 351.2, APHA 4500P-J, APHA 4500N-C, ISO 5663, ISO 29441, HJ 636 or GB 11891	20	10	5	mg/L
pH Value	-	USEPA 150.1, APHA 4500-H+, ISO 10523 or GB/T 6920	6-9	6-9	6-9	-
Colour (436nm; 525nm; 620nm)	-	ISO 7887 (Method B)	7; 5; 3	5; 3; 2	2; 1; 1	m ⁻¹
Colour	-	GB 11903-1989	-	-	-	-
BOD (5-day)	-	USEPA 405.1, APHA 5210B, ISO 5815-1, EN 1899-1 or HJ 505	30	15	5	mg/L
Ammonium Nitrogen (Ammonium-N)	-	USEPA 350.1, APHA 4500NH ₃ -N, ISO 7150, ISO 11732, HJ 535 or HJ 536	10	1	0.5	mg/L
Total Phosphorus (Total-P)	-	USEPA 365.4, APHA 4500P-J, ISO 6878, ISO 11885 or GB/T 11893	3	0.5	0.1	mg/L
AOX	-	USEPA 1650, ISO 9562, EN ISO 9563 or HJ/T 83-2001	5	1	0.1	mg/L
Oil and Grease	-	USEPA 1664, ISO 9377-2 or HJ 637	10	2	0.5	mg/L
Phenol	-	APHA 5530 B, C & D, ISO 14402 or HJ 503	0.5	0.01	0.001	mg/L
Coliform	-	USEPA 9132, ISO 9308-1 or GB/T 5750.12	400	100	25	Bacteria / 100ml
Persistent Foam	-	N/A	Not visible	Not visible	Not visible	-
Anions						
Cyanide	-	<u>Wastewater:</u> USEPA 335.2, APHA 4500-CN, ISO 6703-1,-2,-3, ISO 14403-1,-2 or HJ 484 <u>Sludge:</u> With reference to USEPA 9013, USEPA 9014, USEPA 9213, ISO 11262, HJ 745 or CN converted to HCN by reflux-distillation to NaOH followed by colourimetry or ISE	0.2	0.1	0.05	mg/L
Sulfide	-	APHA 4500-S2-D, ISO 10530 or GB/T 16489	0.5	0.05	0.01	mg/L
Sulfite	-	USEPA 377.1, ISO10304-3 or HJ 84	2	0.5	0.2	mg/L
Metals						
Total Antimony (Sb)	7440-36-0		0.1	0.05	0.01	mg/L
Total Chromium (Cr)	7440-47-3		0.2	0.1	0.05	mg/L
Total Cobalt (Co)	7440-48-4		0.05	0.02	0.01	mg/L
Total Copper (Cu)	7440-50-8	<u>Wastewater:</u> With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, ISO 12846, ISO 17852, ISO 18412, GB 7466, GB 7467, GB 7472, GB 7475, GB 11907, HJ 597, HJ 700 or acid digestion followed by ICP or ICP/MS analysis	1	0.5	0.25	mg/L
Total Nickel (Ni)	7440-02-0	<u>Sludge:</u> With reference to USEPA 3050, USEPA 3051A, USEPA 3060A, USEPA 6010D, USEPA 6020B, USEPA 7471B or acid/peroxide digestion followed by ICP or ICP/MS analysis	0.2	0.1	0.05	mg/L
Total Silver (Ag)	7440-22-4		0.1	0.05	0.005	mg/L
Total Zinc (Zn)	7440-66-6		5.0	1.0	0.5	mg/L
Total Arsenic (As)	7440-38-2		0.05	0.01	0.005	mg/L
Total Cadmium (Cd)	7440-43-9		0.1	0.05	0.01	mg/L

TEST PARAMETERS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

ITEMS	CAS No.	METHODS	ZDHC REQUIREMENTS			Units
			Foundational Limit	Progressive Limit	Aspirational Limit	
Hexavalent Chromium (Cr-VI)	7440-47-3, 18540-29-9	<u>Wastewater:</u> With reference to USEPA 218.6, ISO 18412, GB 7467 or solvent extraction and derivatisation followed by UV/VIS analysis <u>Sludge:</u> With reference to USEPA 7196, USEPA 7199 or alkaline digestion followed by colourimetric UV/VIS or colourimetric IC analysis	0.05	0.005	0.001	mg/L
Total Lead (Pb)	7439-92-1	<u>Wastewater:</u> With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, ISO 12846, ISO 17852, ISO 18412, GB 7466, GB 7467, GB 7472, GB 7475, GB 11907, HJ 597, HJ 700 or acid digestion followed by ICP or ICP/MS analysis <u>Sludge:</u> With reference to USEPA 3050, USEPA 3051A, USEPA 3060A, USEPA 6010D, USEPA 6020B, USEPA 7471B or acid/peroxide digestion followed by CVAA, ICP or ICP/MS analysis	0.1	0.05	0.01	mg/L
Total Mercury (Hg)	7439-97-6	<u>Wastewater:</u> With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, ISO 12846, ISO 17852, ISO 18412, GB 7466, GB 7467, GB 7472, GB 7475, GB 11907, HJ 597, HJ 700 or acid digestion followed by ICP or ICP/MS analysis <u>Sludge:</u> With reference to USEPA 3050, USEPA 3051A, USEPA 3060A, USEPA 6010D, USEPA 6020B, USEPA 7471B or acid/peroxide digestion followed by CVAA, ICP or ICP/MS analysis	0.01	0.005	0.001	mg/L
Alkylphenols (APs) and Alkylphenol Ethoxylates (APEOs)						
NP / OP		<u>Wastewater:</u> With reference to ISO 18857-2 or ASTM D7065 followed by GC/MS or LC/MS(-MS) analysis <u>Sludge:</u> With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, ISO 18857-2 or ASTM D7065 followed by GC/MS or LC/MS analysis			-	
NPEO / OPEO		<u>Wastewater:</u> With reference to ISO 18254-1, ISO 18857-2 or ASTM D7065 followed by GC/MS or LC/MS analysis <u>Sludge:</u> With reference to ISO 18254-1, ISO 18857-2 or ASTM D7065 followed by GC/MS or LC/MS analysis			-	
Chlorobenzenes and Chlorotoluenes (COCs)						
		<u>Wastewater:</u> With reference to USEPA 8260B, USEPA 8270D or solvent extraction followed by GC/MS analysis <u>Sludge:</u> With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, USEPA 3650, USEPA 8270 or solvent extraction followed by GC/MS analysis			-	
Chlorophenols						
		<u>Wastewater:</u> With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatisation with KOH, acetic anhydride followed by GC/MS analysis <u>Sludge:</u> With reference to ISO 14154, acid/base liquid extraction, acetylation or liquid/liquid extraction followed by GC/MS analysis			-	
Azo Dyes						
		<u>Wastewater:</u> With reference to USEPA 8270D, EN 14362-1, EN 14362-3 or solvent extraction with sodium dithionite reduction followed by GC/MS or LC/MS analysis <u>Sludge:</u> With reference to ISO 14362-1, ISO 14362-3 or solvent extraction with sodium dithionite reduction followed by GC/MS or LC/MS analysis			-	
Carcinogenic Dyes						
		<u>Wastewater:</u> Solvent extraction followed by LC/MS analysis <u>Sludge:</u> With reference to ISO 16373 or solvent extraction followed by LC/MS analysis			-	
Disperse Dyes						
		<u>Wastewater:</u> Solvent extraction followed by LC/MS analysis <u>Sludge:</u> With reference to ISO 16373 or solvent extraction followed by LC/MS analysis			-	

TEST PARAMETERS

Factory Name: Foshan Lisheng Textile Company Ltd

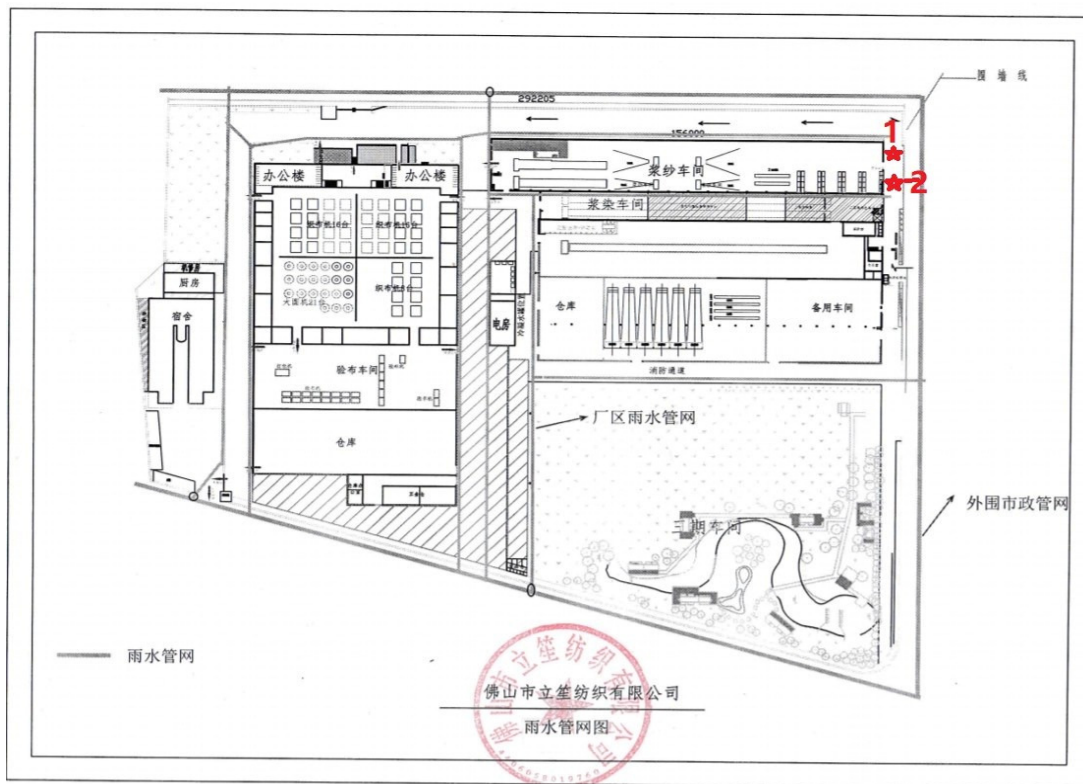
Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

ITEMS	CAS No.	METHODS	ZDHC REQUIREMENTS			Units
			Foundational Limit	Progressive Limit	Aspirational Limit	
Flame Retardants		<u>Wastewater:</u> With reference to USEPA 527, USEPA 8270, USEPA 8321B, ISO 22032 or solvent extraction followed by GC/MS or LC/MS analysis <u>Sludge:</u> With reference to ISO 22032 or solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	
Glycols		<u>Wastewater:</u> With reference to USEPA 8270 or solvent extraction followed by GC/MS or LC/MS analysis <u>Sludge:</u> With reference to USEPA 8270D, ISO 22892 or solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	
Halogenated Solvents		<u>Wastewater:</u> With reference to USEPA 8260B, Purge-and-Trap, Headspace or solvent extraction followed by GC/MS analysis <u>Sludge:</u> With reference to USEPA 5035, USEPA 50211, USEPA 8010 or solvent extraction followed by GC/MS analysis	-	-	-	
Organotin Compounds		<u>Wastewater:</u> With reference to ISO 17353 and derivatisation with sodium diethyl dithiocarbamate followed by GC/MS analysis <u>Sludge:</u> With reference to ISO 23161 and derivatisation with sodium diethyl dithiocarbamate followed by GC/MS analysis	-	-	-	
Perfluorinated / Polyfluorinated Chemicals (PFCs)						
FTOHs (Non-ionic)		<u>Wastewater:</u> With reference to DIN38407-42 or CEN/TS 15968 and derivatisation with acetic anhydride followed by GC/MS analysis <u>Sludge:</u> With reference to DIN38407-42 and derivatisation with acetic anhydride followed by GC/MS analysis	-	-	-	
Others (Ionic)		<u>Wastewater:</u> With reference to DIN38407-42 or CEN/TS 15968 followed by LCMS or LC/MS(-MS) analysis <u>Sludge:</u> With reference to DIN38407-42 followed by LCMS or LC/MS(-MS) analysis	-	-	-	
Phthalates		<u>Wastewater:</u> With reference to USEPA 8270D, ISO 18856 or solvent extraction followed by GC/MS analysis <u>Sludge:</u> With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, ISO 18856 or solvent extraction followed by GC/MS analysis	-	-	-	
Polycyclic Aromatic Hydrocarbons (PAHs)		<u>Wastewater:</u> With reference to USEPA 8270, DIN 38407-39 or solvent extraction followed by GC/MS analysis <u>Sludge:</u> With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, USEPA 3650, USEPA 8270 or solvent extraction followed by GC/MS analysis	-	-	-	
Volatile Organic Compounds (VOCs)		<u>Wastewater:</u> With reference to USEPA 8260B, Purge-and-Trap, Headspace or solvent extraction followed by GC/MS analysis <u>Sludge:</u> With reference to USEPA 5035, USEPA 5021, USEPA 8260, DIN 38407 Part 43 or solvent extraction followed by GC/MS analysis	-	-	-	

PIPING PLAN

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China



Remark:

1. Incoming water
2. Raw waste water (Discharged waste water)

SAMPLING PHOTOS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

INCOMING WATER

GPS Data: 22°57'23.17" N, 112°55'45.17" E

SAMPLING LOCATION, CLOSE-UP VIEW



RAW WASTEWATER(DISCHARGED WASTEWATER)

GPS Data: 22°57'29.98" N, 112°55'45.52" E

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



SAMPLING LOCATION, FAR VIEW



SAMPLING PHOTOS

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

PERSISTENT FOAM

Date & Time of Measurement: 30-03-2021 ; 10:20

Sampling Location: Discharged wastewater outlet



LOCAL WASTEWATER DISCHARGE REQUIREMENTS BASED ON
Sewage treatment contract

污水处理合同

合同编号: 鑫龙合同(销)【2020】93号

甲方: 佛山市南海西樵鑫龙水处理有限公司

乙方: 佛山市立笙纺织有限公司

Factory Name: Foshan Lisheng Textile Company Ltd

Factory Address: Dalang Nanbian, Shaying Baidong, Xiqiao Technical Industrial Part, Nanhai, Foshan City, Guangdong Province, China

表 1: 接收污水水质指标

序号	项目名称	单位	最高 允许浓度	序号	项目名称	单位	最高 允许浓度
1	pH 值		6.0~9.0	19	总铝	mg/L	1.0
2	悬浮物	mg/L	250	20	总铜	mg/L	2.0
3	易沉固体	mg/L · 15min	10	21	总锌	mg/L	5.0
4	油脂	mg/L	100	22	总镍	mg/L	1.0
5	矿物油类	mg/L	20.0	23	总锰	mg/L	2.0 (5.0)
6	苯系物	mg/L	2.5	24	总铁	mg/L	10.0
7	氰化物	mg/L	0.5	25	总铊	mg/L	1.0
8	硫化物	mg/L	1.0	26	六价铬	mg/L	0.5
9	挥发性酚	mg/L	1.0	27	总铬	mg/L	1.5
10	温度	℃	35	28	总硒	mg/L	2.0
11	生化需氧量 (BOD ₅)	mg/L	350	29	总砷	mg/L	0.5
12	化学需氧量 (COD _{Cr})	mg/L	500	30	硫酸盐	mg/L	600
13	溶解性固体	mg/L	2000	31	硝基苯类	mg/L	5.0
14	总磷	mg/L	3	32	阴离子表面活性剂 (LAS)	mg/L	10.0 (20.0)
15	苯胺	mg/L	5.0	33	氨氮	mg/L	25.0 (35.0)
16	氰化物	mg/L	20.0	34	磷酸盐 (以 P 计)	mg/L	1.0 (8.0)
17	总汞	mg/L	0.05	35	色度	倍	350
18	总镉	mg/L	0.1				

注: 括号内数值适用于有城市污水处理厂的市政下水道系统

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