

## TEST REPORT

**CLIENT DETAILS**

**Client Name:** HUIZHOU SHENGQIN TEXTILE CO.,LTD  
**Client Contact:** Mr. Ke  
**Telephone:** 13018680958  
**E-mail:** [shengqin\\_textile@126.com](mailto:shengqin_textile@126.com)  
  
**Address:** NO.9, HUAYANG INDUSTRIAL 1<sup>st</sup> ROAD, JIU TAN, YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

**LABORATORY DETAILS**

**SGS Affiliate:** SGS-CSTC Ltd.  
**SGS Contact:** WenJun Lin  
**Telephone:** +86(020)32136109  
**E-mail:** [Wenjun.Lin@sgs.com](mailto:Wenjun.Lin@sgs.com)  
  
**Address:** 2&3/F Building No.1, 198 Kezhu Road, Scientech Park Guangzhou Economic&Development District, Guangzhou,China

**FACTORY DETAILS**

**Factory Name:** HUIZHOU SHENGQIN TEXTILE CO.,LTD  
**Factory Contact:** Mr. Ke  
**Telephone:** 13018680958  
**E-mail:** [shengqin\\_textile@126.com](mailto:shengqin_textile@126.com)  
  
**Address:** NO.11, HUAYANG INDUSTRIAL 2<sup>nd</sup> ROAD, JIU TAN, YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA  
**Types of Mills:** (4) Fabric Dyeing, Finishing, Printing  
**On-Site ETP:** No  
**Discharge Destination:** To Centralized Waste Water Treatment Plant  
**Name of Municipal/Centralized ETP:** Huizhou Lvshengyuan Water Purification Co.. Ltd  
**Address of Municipal/Centralized ETP:** No.2 Huayang 1st Road, Xinxing Industrial Park, Jituan, Yuanzhou Town, Boluo County, Huizhou City, Guangdong Province, China

**SAMPLE AND TESTING DETAILS**

**Sampling Country:** SGS China SL  
**ZDHC Sampler's Certification No.:** C74D106818107;C74D106818103  
**Sampling Date:** 11-04-2023  
**Sample Received Date:** 11-04-2023  
**Test Performing Period:** 12-04-2023 - 25-04-2023  
**No. of Samples:** Water (2)  
**Sample Descriptions:** 1) Incoming water (Grab)  
 2) Untreated Wastewater(6-hour Composite)  
**Sample Volume** 1) Incoming water (18L)  
 2) Untreated Wastewater(18L)  
**Testing Institute:** SGS China GZ Lab  
**Discharge Method:** Indirect Discharge without Pretreatment

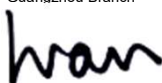
**OVERALL RESULTS**

	Incoming Water	Untreated Wastewater
<b>Conventional Parameters / Anions / Metals:</b>	Not Tested	Fulfill Aspirational Limit
<b>MRSL Parameters:</b>	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.

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



Ivan Xie  
Technical Manager

**RESULT SUMMARY**

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD  
 Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

TEST ITEMS	Incoming Water	Untreated Wastewater
<b>Conventional Parameters</b>	-	-
<b>Anions</b>	-	-
<b>Metals</b>	N/A	O
<b>Alkylphenol (AP) &amp; Alkylphenol Ethoxylates (APEOs)</b>	N/A	O
<b>Anti-Microbials &amp; Biocides</b>	N/A	O
<b>Chlorinated Paraffins</b>	N/A	O
<b>Chlorobenzenes and Chlorotoluenes</b>	N/A	O
<b>Chlorophenols</b>	N/A	O
<b>Dimethyl Formamide (DMFa)</b>	N/A	O
<b>Dyes - Carcinogenic or Equivalent Concern</b>	N/A	O
<b>Dyes - Disperse (Allergenic)</b>	N/A	O
<b>Dyes - Navy Blue Colourant</b>	N/A	O
<b>Flame Retardants</b>	N/A	O
<b>Glycols / Glycol Ethers</b>	N/A	O
<b>Halogenated Solvents</b>	N/A	O
<b>Organotin Compounds</b>	N/A	O
<b>Other / Miscellaneous Chemicals</b>	N/A	O
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>	N/A	O
<b>Phthalates</b>	N/A	O
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>	N/A	O
<b>Restricted Aromatic Amines</b>	N/A	O
<b>UV Absorbers</b>	N/A	O
<b>Volatile Organic Compounds (VOCs)</b>	O	X

Note:

X - Detected

O - Not Detected

N/A - Not Tested / Not Applicable

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

		Sample ID		92309275761601-1		92309275761601-2	
		Date of Sampling		11-04-2023		11-04-2023	
		Sampling Location		Incoming water pipe		Untreated Wastewater outlet	
		Sampling Start Time		13:30		9:00	
		Sampling End Time		13:45		15:00	
		Date of Sample Received		11-04-2023		11-04-2023	
Factory Performances							
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater
Sample Colour Description	-	-	-	Colourless	Light pink	-	-
Wastewater Flowrate*	-	-	m <sup>3</sup> /day	-	80	-	-
<b>Metals</b>							
Chromium (VI)	7440-47-3, 18540-29-9	0.001	mg/L	N/A	n.d.	N/A	Fulfill Aspirational Limit
Total Arsenic (As)	7440-38-2	0.005	mg/L	N/A	n.d.	N/A	Fulfill Aspirational Limit
Total Cadmium (Cd)	7440-43-9	0.01	mg/L	N/A	n.d.	N/A	Fulfill Aspirational Limit
Total Lead (Pb)	7439-92-1	0.01	mg/L	N/A	n.d.	N/A	Fulfill Aspirational Limit
Total Zinc (Zn)	7440-66-6	0.1	mg/L	N/A	n.d.	N/A	Not Detected
Total Mercury (Hg)	7439-97-6	0.001	mg/L	N/A	n.d.	N/A	Fulfill Aspirational Limit
Total Boron (B)	7440-42-8	0.1	mg/L	N/A	n.d.	N/A	Not Detected
<b>Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers</b>							
Nonylphenol ethoxylates (NPEO)	9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0, 104-40-5,	5	µg/L	N/A	n.d.	N/A	Not Detected
Nonylphenol (NP), mixed isomers	11066-49-2, 25154-52-3, 84852-15-3	5	µg/L	N/A	n.d.	N/A	Not Detected
Octylphenol ethoxylates (OPEO)	9002-93-1, 9036-19-5, 68987-90-6	5	µg/L	N/A	n.d.	N/A	Not Detected
Octylphenol (OP), mixed isomers	140-66-9, 1806-26-4, 27193-28-8	5	µg/L	N/A	n.d.	N/A	Not Detected
<b>Anti- Microbials &amp; Biocides</b>							
o-Phenylphenol (+salts)	90-43-7	100	µg/L	N/A	n.d.	N/A	Not Detected
Triclosan	3380-34-5	100	µg/L	N/A	n.d.	N/A	Not Detected
Permethrin	Multiple	500	µg/L	N/A	n.d.	N/A	Not Detected
<b>Chlorinated Paraffins</b>							
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	500	µg/L	N/A	n.d.	N/A	Not Detected
Short-chain Chlorinated Paraffin (SCCPs) (C10-C13)	85535-84-8	25	µg/L	N/A	n.d.	N/A	Not Detected
<b>Chlorobenzenes and Chlorotoluenes</b>							
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

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

		Sample ID		92309275761601-1		92309275761601-2	
		Date of Sampling		11-04-2023		11-04-2023	
		Sampling Location		Incoming water pipe		Untreated Wastewater outlet	
		Sampling Start Time		13:30		9:00	
		Sampling End Time		13:45		15:00	
		Date of Sample Received		11-04-2023		11-04-2023	
Factory Performances							
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater
Pentachlorobenzene	608-93-5	0.2	µg/L	N/A	n.d.	N/A	Not Detected
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
<b>Chlorophenols</b>							
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

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

Items	Sample ID		Date of Sampling		Sampling Location		Sampling Start Time		Sampling End Time		Date of Sample Received		Factory Performances	
	92309275761601-1		92309275761601-2		Incoming water pipe		Untreated Wastewater outlet							
	11-04-2023		11-04-2023											
	13:30		9:00											
	13:45		15:00											
	11-04-2023		11-04-2023											
CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater		
2,6-Dichlorophenol	87-65-0	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
3,4-Dichlorophenol	95-77-2	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
3,5-Dichlorophenol	591-35-5	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,3,4-Trichlorophenol	15950-66-0	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,3,5-Trichlorophenol	933-78-8	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,3,6-Trichlorophenol	933-75-5	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,4,5-Trichlorophenol	95-95-4	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,4,6-Trichlorophenol	88-06-2	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
3,4,5-Trichlorophenol	609-19-8	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
Pentachlorophenol (PCP)	87-86-5	0.5	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
<b>Dimethyl Formamide (DMFa)</b>														
Dimethyl formamide; N,N-dimethylformamide (DMFa)**	68-12-2	1000	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
<b>Dyes - Carcinogenic or Equivalent Concern</b>														
Basic Violet 3 with >0.1% of Michler's Ketoneb	548-62-9	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Acid Red 26	3761-53-3	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Acid Violet 49	1694-09-3	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Basic Blue 26 with Michler's Ketone >0.1%	2580-56-5	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Basic Green 4 (Malachite Green Chloride)^	569-64-2	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Basic Green 4 (Malachite Green Oxalate)^	2437-29-8	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Basic Green 4 (Malachite Green)	10309-95-2	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Basic Red 9	569-61-9	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Basic Violet 14	632-99-5	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Direct Black 38	1937-37-7	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Direct Blue 6	2602-46-2	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Direct Red 28	573-58-0	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Disperse Blue 1	2475-45-8	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
C.I. Disperse Blue 3	2475-46-9	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						
Disperse Orange 11	82-28-0	500	µg/L	N/A	n.d.	N/A	N/A	Not Detected						

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

		Sample ID		92309275761601-1		92309275761601-2		Factory Performances	
		Date of Sampling		11-04-2023		11-04-2023			
		Sampling Location		Incoming water pipe		Untreated Wastewater outlet			
		Sampling Start Time		13:30		9:00			
		Sampling End Time		13:45		15:00			
		Date of Sample Received		11-04-2023		11-04-2023			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater		
<b>Dyes - Disperse (Allergenic)</b>									
Disperse Blue 102	12222-97-8	50	µg/L	N/A	n.d.	N/A	Not Detected		
Disperse Blue 106	12223-01-7	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 Blue 26	3860-63-7	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 7	3179-90-6	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 Orange 3	730-40-5	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 Red 1	2872-52-8	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 17	3179-89-3	50	µg/L	N/A	n.d.	N/A	Not Detected		
Disperse Yellow 1	119-15-3	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 Yellow 39	12236-29-2	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 Yellow 9	6373-73-5	50	µg/L	N/A	n.d.	N/A	Not Detected		
<b>Dyes - Navy Blue Colourant</b>									
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	500	µg/L	N/A	n.d.	N/A	Not Detected		
Component 2: C46H-30CrN10O20S2 3Na	Not Allocated	500	µg/L	N/A	n.d.	N/A	Not Detected		
<b>Flame Retardants</b>									
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	µg/L	N/A	n.d.	N/A	Not Detected		
Bis(2,3-dibromopropyl) phosphate (BIS)	5412-25-9	25	µg/L	N/A	n.d.	N/A	Not Detected		
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	µg/L	N/A	n.d.	N/A	Not Detected		
Hexabromocyclodecane (HBCDD)	3194-55-6	25	µg/L	N/A	n.d.	N/A	Not Detected		
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	µg/L	N/A	n.d.	N/A	Not Detected		
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	µg/L	N/A	n.d.	N/A	Not Detected		
Pentabromodiphenyl ether (PentaBDE)	59536-65-1	25	µg/L	N/A	n.d.	N/A	Not Detected		
Tetrabromobisphenol A (TBBPA)	79-94-7	25	µg/L	N/A	n.d.	N/A	Not Detected		

TEST RESULTS

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	Sample ID		92309275761601-1		92309275761601-2		Factory Performances
	Date of Sampling		11-04-2023		11-04-2023		
	Sampling Location		Incoming water pipe		Untreated Wastewater outlet		
	Sampling Start Time		13:30		9:00		
	Sampling End Time		13:45		15:00		
	Date of Sample Received		11-04-2023		11-04-2023		
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	µg/L	N/A	n.d.	N/A	Not Detected
Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1	25	µg/L	N/A	n.d.	N/A	Not Detected
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	µg/L	N/A	n.d.	N/A	Not Detected
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	µg/L	N/A	n.d.	N/A	Not Detected
Tris(2,3-dibromopropyl)-phosphate (TRIS)	126-72-7	25	µg/L	N/A	n.d.	N/A	Not Detected
Decabromobiphenyl (DecaBB)	13654-09-6	25	µg/L	N/A	n.d.	N/A	Not Detected
Dibromobiphenyls (DIBB)	Multiple	25	µg/L	N/A	n.d.	N/A	Not Detected
Octabromobiphenyls (OctaBB)	Multiple	25	µg/L	N/A	n.d.	N/A	Not Detected
Dibromopropylether	21850-44-2	25	µg/L	N/A	n.d.	N/A	Not Detected
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	µg/L	N/A	n.d.	N/A	Not Detected
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	µg/L	N/A	n.d.	N/A	Not Detected
Monobromobiphenyls (MonoBB)	Multiple	25	µg/L	N/A	n.d.	N/A	Not Detected
Monobromodiphenylethers (MonoBDEs)	Multiple	25	µg/L	N/A	n.d.	N/A	Not Detected
Nonabromobiphenyls (NonaBB)	Multiple	25	µg/L	N/A	n.d.	N/A	Not Detected
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	µg/L	N/A	n.d.	N/A	Not Detected
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	µg/L	N/A	n.d.	N/A	Not Detected
Tribromodiphenylethers (TriBDEs)	Multiple	25	µg/L	N/A	n.d.	N/A	Not Detected
Boric acid	10043-35-3, 11113-50-1	100	µg/L	N/A	See Total Boron (B) Result	N/A	Not Detected
Diboron trioxide	1303-86-2	100	µg/L	N/A	See Total Boron (B) Result	N/A	Not Detected
Disodium octaborate	12008-41-2	100	µg/L	N/A	See Total Boron (B) Result	N/A	Not Detected
Disodium tetraborate anhydrous	1303-96-4, 1330-43-4	100	µg/L	N/A	See Total Boron (B) Result	N/A	Not Detected
Tetraboron disodium heptaoxide, hydrate	12267-73-1	100	µg/L	N/A	See Total Boron (B) Result	N/A	Not Detected
<b>Glycols / Glycol Ethers</b>							
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
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
Bis(2-methoxyethyl)-ether	111-96-6	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
Triethylene glycol dimethyl ether	112-49-2	50	µg/L	N/A	n.d.	N/A	Not Detected

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

		Sample ID		92309275761601-1		92309275761601-2	
		Date of Sampling		11-04-2023		11-04-2023	
		Sampling Location		Incoming water pipe		Untreated Wastewater outlet	
		Sampling Start Time		13:30		9:00	
		Sampling End Time		13:45		15:00	
		Date of Sample Received		11-04-2023		11-04-2023	
Factory Performances							
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater
<b>Halogenated Solvents</b>							
1,2-Dichloroethane	107-06-2	1	µg/L	N/A	n.d.	N/A	Not Detected
Methylene chloride	75-09-2	1	µg/L	N/A	n.d.	N/A	Not Detected
Tetrachloroethylene	127-18-4	1	µg/L	N/A	n.d.	N/A	Not Detected
Trichloroethylene	79-01-6	1	µg/L	N/A	n.d.	N/A	Not Detected
<b>Organotin Compounds</b>							
Dipropyltin compounds (DPT)	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-methyltin derivatives	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected
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-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
Diocetyl tin (DOT)	94410-05-6, 12531-44-4	0.01	µg/L	N/A	n.d.	N/A	Not Detected
Triocetyl tin (TOT)	Multiple	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
Tetrabutyltin compounds (TeBT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected
Tripropyltin Compounds (TPT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected
Tetraoctyltin compounds (TeOT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected
Tricyclohexyltin (TCyHT)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected
Tetraethyltin Compounds (TeET)	Multiple	0.01	µg/L	N/A	n.d.	N/A	Not Detected



TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

		Sample ID		92309275761601-1		92309275761601-2		Factory Performances	
		Date of Sampling		11-04-2023		11-04-2023			
		Sampling Location		Incoming water pipe		Untreated Wastewater outlet			
		Sampling Start Time		13:30		9:00			
		Sampling End Time		13:45		15:00			
		Date of Sample Received		11-04-2023		11-04-2023			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater		
<b>Other/Miscellaneous Chemicals</b>									
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	500	µg/L	N/A	n.d.	N/A		Not Detected	
Bisphenol A	80-05-7	10	µg/L	N/A	n.d.	N/A		Not Detected	
Thiourea	62-56-6	50	µg/L	N/A	n.d.	N/A		Not Detected	
Quinoline	91-22-5	50	µg/L	N/A	n.d.	N/A		Not Detected	
Borate, zinc salt	12767-90-7	100	µg/L	N/A	See Total Zinc (Zn) & Total Boron (B) Results	N/A		Not Detected	
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>									
Perfluorooctane sulfonate (PFOS)***	1763-23-1	0.01	µg/L	N/A	n.d.	N/A		Not Detected	
N-ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	0.01	µg/L	N/A	n.d.	N/A		Not Detected	
N-methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	0.01	µg/L	N/A	n.d.	N/A		Not Detected	
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	0.01	µg/L	N/A	n.d.	N/A		Not Detected	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	0.01	µg/L	N/A	n.d.	N/A		Not Detected	
Perfluorooctane sulfonamide (PFOSA)	754-91-6	0.01	µg/L	N/A	n.d.	N/A		Not Detected	
Perfluorooctanoic acid (PFOA)****	335-67-1	0.01	µg/L	N/A	n.d.	N/A		Not Detected	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	1	µg/L	N/A	n.d.	N/A		Not Detected	
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	1	µg/L	N/A	n.d.	N/A		Not Detected	
Ethyl Perfluorooctanoate (Et-PFOA)	3108-24-5	1	µg/L	N/A	n.d.	N/A		Not Detected	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	1	µg/L	N/A	n.d.	N/A		Not Detected	
1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	1	µg/L	N/A	n.d.	N/A		Not Detected	
8:2 Fluorotelomer methacrylate (8:2 FTMA)	1996-88-9	1	µg/L	N/A	n.d.	N/A		Not Detected	
<b>Phthalates - including all other esters of ortho-phthalic acid</b>									
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP)	71888-89-6, 84777-06-0	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, 68515-50-4	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	
Butyl benzyl phthalate (BBP)	85-68-7	10	µg/L	N/A	n.d.	N/A		Not Detected	
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	µg/L	N/A	n.d.	N/A		Not Detected	
Di-iso-decyl phthalate (DIDP)	26761-40-0	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	
Di-isobutyl phthalate (DIBP)	84-69-5	10	µg/L	N/A	n.d.	N/A		Not Detected	
Di-isononyl phthalate (DINP)	28553-12-0	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	
Di-n-octyl phthalate (DNOP)	117-84-0	10	µg/L	N/A	n.d.	N/A		Not Detected	

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

Items	Sample ID		Date of Sampling		Sampling Location		Sampling Start Time		Sampling End Time		Date of Sample Received		Factory Performances
	92309275761601-1		92309275761601-2		Incoming water pipe		Untreated Wastewater outlet						
	11-04-2023		11-04-2023										
	13:30		9:00										
	13:45		15:00										
	11-04-2023		11-04-2023										
CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater	
Di-n-pentylphthalates	131-18-0	10	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Di-n-propyl phthalate (DPRP)	131-16-8	10	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Dibutyl phthalate (DBP)	84-74-2	10	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Diethyl phthalate (DEP)	84-66-2	10	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Diisopentylphthalates	605-50-5	10	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Dinonyl phthalate (DNP)	84-76-4	10	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>													
Acenaphthene	83-32-9	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Acenaphthylene	208-96-8	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Anthracene	120-12-7	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Benzo[a]anthracene	56-55-3	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Benzo[a]pyrene (BaP)	50-32-8	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Benzo[b]fluoranthene	205-99-2	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Benzo[e]pyrene	192-97-2	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Benzo[ghi]perylene	191-24-2	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Benzo[j]fluoranthene	205-82-3	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Benzo[k]fluoranthene	207-08-9	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Chrysene	218-01-9	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Dibenz[a,h]anthracene	53-70-3	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Fluoranthene	206-44-0	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Fluorene	86-73-7	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Indeno[1,2,3-cd]pyrene	193-39-5	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Naphthalene	91-20-3	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Phenanthrene	85-01-8	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
Pyrene	129-00-0	1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
<b>Restricted Aromatic Amines (Cleavable from Azo-colourants)</b>													
2-naphthylamine	91-59-8	0.1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
2-Naphthylammoniumacetate <sup>^</sup>	553-00-4	0.1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
2,4-xylidine	95-68-1	0.1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
2,4,5-trimethylaniline	137-17-7	0.1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					
2,4,5-trimethylaniline hydrochloride <sup>^</sup>	21436-97-5	0.1	µg/L	N/A	n.d.	N/A	N/A	Not Detected					

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

Items	CAS No.	Reporting Limit	Units	Factory Performances					
				Sample ID		Date of Sampling		Incoming Water	Untreated Wastewater
				Date of Sample Received		Date of Sampling			
				Sampling Location		Sampling Start Time		Incoming Water	Untreated Wastewater
				Sampling End Time		Date of Sample Received			
				Incoming Water		Untreated Wastewater		Incoming Water	Untreated Wastewater
2,6-xylydine	87-62-7	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		
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		
4-aminoazobenzene	60-09-3	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		
4-chloro-o-toluidine	95-69-2	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4-chloro-o-toluidinium chloride <sup>A</sup>	3165-93-3	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4-chloroaniline	106-47-8	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate <sup>A</sup>	39156-41-7	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4-methoxy-m-phenylenediamine	615-05-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4-methyl-m-phenylenediamine	95-80-7	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4,4-methylenebis-(2-chloro-aniline)	101-14-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4,4-methylenedi-o-toluidine	838-88-0	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
4,4-methylenedianiline	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		
4,4-thiodianiline	139-65-1	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
5-nitro-o-toluidine	99-55-8	0.1	µg/L	N/A	n.d.	N/A	Not Detected		
6-methoxy-m-toluidine	120-71-8	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-aminoazotoluene	97-56-3	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		
o-toluidine	95-53-4	0.1	µg/L	N/A	n.d.	N/A	Not Detected		

TEST RESULTS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

		Sample ID	92309275761601-1	92309275761601-2			
		Date of Sampling	11-04-2023	11-04-2023			
		Sampling Location	Incoming water pipe	Untreated Wastewater outlet			
		Sampling Start Time	13:30	9:00			
		Sampling End Time	13:45	15:00			
		Date of Sample Received	11-04-2023	11-04-2023			
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Incoming Water	Untreated Wastewater
<b>UV Absorbers</b>							
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	100	µg/L	N/A	n.d.	N/A	Not Detected
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	µg/L	N/A	n.d.	N/A	Not Detected
2-benzotriazol-2-yl-4,6-di-terbutylphenol (UV-320)	3846-71-7	100	µg/L	N/A	n.d.	N/A	Not Detected
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl)phenol (UV-327)	3864-99-1	100	µg/L	N/A	n.d.	N/A	Not Detected
<b>Volatile Organic Compounds (VOC)</b>							
Benzene	71-43-2	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
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.	23	Not Detected	Detected
Xylene	1330-20-7	1	µg/L	n.d.	n.d.	Not Detected	Not Detected
Toluene**	108-88-3	1	µg/L	n.d.	n.d.	Not Detected	Not Detected

Remarks:

\*"n.d." = Not Detected

"N/A" = Not Tested / Not Applicable

"-" = Not Required to be Test

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

\*Test data is measured/provided by the client

\*\*Sample and report only for mock leather

\*\*\*PFOS refer to its salts/derivative including PFOS-K (CAS No.: 2795-39-3) , PFOS-Li (CAS No.: 29457-72-5), PFOS-NH<sub>4</sub> (CAS No.: 29081-56-9), PFOS-NH(OH)<sub>2</sub> (CAS No.: 70225-14-8), PFOS-N(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> (CAS No.: 56773-42-3) and POSF (CAS No.: 307-35-7)

\*\*\*\*PFOA refer to its salts including PFOA-Na (CAS No.: 335-95-5), PFOA-K (CAS No.: 2395-00-8), PFOA-Ag (CAS No.: 335-93-3), PFOA-F (CAS No.: 335-66-0) and APFO (CAS No.: 3825-26-1)

%Please refer to the details of the Local Wastewater Discharge Requirement in the Appendix Section

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TEST PARAMETERS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD  
Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						LEACHATE								
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	
<b>Conventional Parameters</b>																				
pH	-	<u>Wastewater:</u> ISO 10523, USEPA 150.1, SM 4500 H <sup>+</sup> , HJ 1147 or IS 3025 (Part 11) - Electrometric method only <u>Sludge:</u> USEPA 9045 D or HJ 962	6-9			Sample and Report Only	Sample and Report Only	5-11	5-11	5-11	6.5-9	6.5-9								
Temperature	-	DIN 38 404-4, USEPA 170.1, SM 2550, GB/T 13195 or IS 3025 (Part 9)	Δ+15°C	Δ+10°C	Δ+5°C															
E. Coli	-	SM 9221 B presumptive, confirm positive with SM 9221 F or G	126cfu/100mL																	
Colour (436nm; 525nm; 620nm)	-	ISO 7887 B	7,5;3m <sup>-1</sup>	5,3;2m <sup>-1</sup>	2,1;1m <sup>-1</sup>															
Persistent Foam	-	-	No indication of Persistent Foam in receiving water																	
Wastewater Flowrate	-	-	15m <sup>3</sup> per day																	
Ammonium-N	-	ISO 7150, ISO 11732, USEPA 350.1, USEPA 350.3, SM 4500 NH <sub>3</sub> D, E, F, G or H, HJ 535 or IS 3025 (Part 34) - Phenate or ammonia selective electrode only	10mg/L	1mg/L	0.5mg/L															
AOX	-	ISO 9562, HACH LCK 390 or HJ/T 83-2001	3mg/L	0.5mg/L	0.1mg/L															
5-Days Biochemical Oxygen Demand (BOD <sub>5</sub> )	-	ISO 5815-1, USEPA 405.1, SM 5210 B, HJ 505 or IS 3025 (Part 44) - Seeded dilution water (BOD <sub>5</sub> )	30mg/L	15mg/L	8mg/L															
Chemical Oxygen Demand (COD)	-	ISO 6060, ISO 15705, USEPA 410.4, SM 5220 D, HJ 828, GB/T 11914 or IS 3025 (Part 58)	150mg/L	80mg/L	40mg/L															
Dissolved Oxygen (DO)	-	ISO 5814, USEPA 360.1, SM 4500 O G or HJ 506	Sample and Report Only																	
Oil & Grease	-	ISO 9377-2, USEPA 1664 Revision B, SM 5520 B or C, HJ 637 - Total oil and grease or IS 3025 (Part 39) - Partition gravimetric or partition infra-red	10mg/L	2mg/L	0.5mg/L															
Total Phenols / Phenol Index	-	ISO 6439, SM 5530 B or C, HJ 503 or IS 3025 (Part 43)	0.5mg/L	0.01mg/L	0.001mg/L															
Total Chlorine	-	ISO 7393-2, USEPA 330.5, SM 4500 Cl <sup>-</sup> G or HJ 596	Sample and Report Only																	
Total Dissolved Solids (TDS)	-	USEPA 160.1, SM 2540 C, GB/T 5750.4-2006 (180°C centrifuge) or IS 3025 (Part 16) 179°C to 181°C	Sample and Report Only																	
Total Nitrogen	-	ISO 11905 - Part 1, ISO 29441, USEPA 351.2, SM 4500 P J, SM 4500 N B, C, HJ 636 or IS 3025 (Part 34) (Ammonia, nitrate, nitrite, organic)	20mg/L	10mg/L	5mg/L															
Total Phosphorus	-	ISO 6878, ISO 11885, ISO 17294, USEPA 200.7, USEPA 200.8, USEPA 365.4, USEPA 6010 C, USEPA 6020 A, SM 4500 P J, GB/T 11893, IS 3025 (Part 31) or IS 3025 (Part 65)	3mg/L	0.5mg/L	0.1mg/L															
Total Suspended Solids (TSS)	-	ISO 11923, USEPA 160.2, SM 2540 D, GB/T 11901 or IS 3025 (Part 17) 103°C to 105°C	50mg/L	15mg/L	5mg/L															
% Solids	-	USEPA 160.3 or HJ 613 at 105°C	-			Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only								
Paint Filter Test	-	USEPA SW-846 or USEPA 9095 B	-			Sample and Report Only	Sample and Report Only	Sample and Report Only	Pass	Pass	Pass	Sample and Report Only								
Fecal Coliform	-	USEPA 1681	-			Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	1000MPN/g	1000MPN/g								
<b>Anions</b>																				
Chloride	-	ISO 10304-1, ISO 15923-1, USEPA 300, SM 4110 B, C, SM 4500 Cl D or E, HJ 84-2016 or IS 3025 (Part 32) - Potentiometric or automated ferricyanide only	Sample and Report Only																	
Cyanide	-	<u>Wastewater:</u> ISO 6703-1, -2, -3, ISO 14403-1, -2, USEPA 335.2, SM 4500 CN or HJ 484 <u>Sludge:</u> Preparation: USEPA 9013 Analysis: USEPA 9014, USEPA 9213 or HJ 745	0.2mg/L	0.1mg/L	0.05mg/L	Sample and Report Only	Sample and Report Only	100mg/kg	85mg/kg	70mg/kg	70mg/kg	70mg/kg								
Sulfate	-	ISO 10304-1, ISO 15923-1, USEPA 300, USEPA 9038, SM 4110 B, C, SM 4500 SO <sub>4</sub> <sup>2-</sup> E, F, G, HJ 84-2016 or IS 3025 (Part 24)	Sample and Report Only																	
Sulfide	-	ISO 10530, SM 4500 S <sup>2-</sup> D, E, G or I, HJ 1226 or IS 3025 (Part 29) - Methylene blue only	0.5mg/L	0.05mg/L	0.01mg/L															
Sulfite	-	ISO 10304-3, SM 4500 SO <sub>3</sub> <sup>2-</sup> C or HJ 84-2016	2mg/L	0.5mg/L	0.2mg/L															
<b>Metals</b>																				
Total Antimony (Sb)	7440-36-0	<u>Wastewater:</u> ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65) <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803 <u>Leachate:</u> Leachate Extraction: USEPA 1311 or USEPA 3051 A Analysis: ISO 11885, ISO 17294-2, USEPA 200.7, USEPA 200.8, USEPA 6010 C or USEPA 6020 A <u>Wastewater:</u> ISO 18412, USEPA 218.6, GB 7467 or IS 3025 (Part 52) <u>Sludge:</u> Preparation: USEPA 3060 A Analysis: USEPA 7196 or USEPA 7199 <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 18412, USEPA 7196 or USEPA 7199	0.1mg/L	0.05mg/L	0.01mg/L	5mg/kg	5mg/kg	5mg/kg	5mg/kg	5mg/kg	5mg/kg	5mg/kg	Sample and Report Only	Sample and Report Only	Sample and Report Only	15mg/L	7.8mg/L	0.6mg/L	0.6mg/L	0.6mg/L
Chromium (VI)	7440-47-3, 18540-29-9	<u>Wastewater:</u> ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65) <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803 <u>Leachate:</u> Leachate Extraction: USEPA 1311 or USEPA 3051 A Analysis: ISO 11885, ISO 17294-2, USEPA 200.7, USEPA 200.8, USEPA 6010 C or USEPA 6020 A <u>Wastewater:</u> ISO 18412, USEPA 218.6, GB 7467 or IS 3025 (Part 52) <u>Sludge:</u> Preparation: USEPA 3060 A Analysis: USEPA 7196 or USEPA 7199 <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 18412, USEPA 7196 or USEPA 7199	0.05mg/L	0.005mg/L	0.001mg/L	20mg/kg	20mg/kg	20mg/kg	20mg/kg	20mg/kg	20mg/kg	20mg/kg	50mg/kg	Sample and Report Only	Sample and Report Only	5mg/L	3.75mg/L	2.5mg/L	2.5mg/L	2.5mg/L





TEST PARAMETERS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD  
Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						LEACHATE							
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
<b>Glycols / Glycol Ethers</b>		With reference to USEPA 8270 E or Liquid extraction followed by LC-MS or GC-MS	50µg/L																
<b>Halogenated Solvents</b>		With reference to USEPA 8260 D, Purge and Trap or Headspace followed by GC-MS	1µg/L																
<b>Organotin Compounds</b>		<u>TeEt</u> : With reference to ISO 17353 <u>Others</u> : With reference to ISO 17353 or Derivatization with NiB(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> followed by GC-MS	0.01µg/L																
<b>Other/Miscellaneous Chemicals</b>																			
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	With reference to Liquid extraction followed by LC-MS/MS	500µg/L																
Bisphenol A	80-05-7	With reference to Liquid extraction followed by LC-MS	10µg/L																
Thiourea	62-56-6	With reference to Liquid extraction followed by LC-MS	50µg/L																
Quindline	91-22-5	With reference to Liquid extraction followed by LC-MS	50µg/L																
Borate, zinc salt	12767-90-7	ISO 17294, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)	100µg/L																
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>		<u>PFCs</u> : With reference to USEPA 537.2020 followed by LC-MS(-MS) <u>FTOH</u> : With reference to BS EN 12673-1999, USEPA 8270 E or Derivatization with acetic anhydride followed by GC-MS	PFCs: 0.01µg/L FTOH: 1µg/L																
<b>Phthalates</b>		With reference to ISO 18856, USEPA 8270 E or Dichloromethane extraction followed by GC-MS	10µg/L																
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>		<u>Wastewater</u> : With reference to DIN 38407-39, USEPA 8270 E or Solvent extraction followed by GC-MS <u>Sludge</u> : Preparation: With reference to USEPA 3540 / 3541 - Soxhlet or USEPA 3550 - Ultrasonic Clean-up: With reference to USEPA 3640 Analysis: With reference to USEPA 8270 E or HJ 805-2016	1µg/L	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg									
<b>Restricted Aromatic Amines (Cleavable from Azo-colourants)</b>		With reference to USEPA 8270 E or Reduction step with sodium dithionite, solvent extraction followed by GC-MS and LC-MS/MS	0.1µg/L																
<b>UV Absorbers</b>		With reference to ISO 22032, USEPA 527, USEPA 8270 E, USEPA 8321 B or Dichloromethane extraction followed by GC-MS or LC-MS(-MS)	100µg/L																
<b>Volatile Organic Compounds (VOCs)</b>																			
Benzene	71-43-2	With reference to ISO 11423-1, ISO 20595, USEPA 8260 D, Purge and Trap or Static Headspace followed by GC-MS	1µg/L																
m-cresol / o-cresol / p-cresol	108-39-4 / 94-48-7 / 106-44-5	With reference to BS EN 12637-1999, ISO 11423-1, USEPA 8270 E, Purge and Trap or Headspace followed by GC-MS	1µg/L																
Xylene	1330-20-7	With reference to ISO 11423-1, USEPA 8260 D, Purge and Trap or Headspace followed by GC-MS	1µg/L																
Toluene	108-88-3	With reference to ISO 11423-1, USEPA 8260 D or HJ 1067	1µg/L																

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## PIPING PLAN

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, GU.



Remark:

1. Incoming Water
2. Untreated Wastewater

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### SAMPLING PHOTOS

Factory Name: HUIZHOU SHENGQIN TEXTILE CO.,LTD

Factory Address:NO.11, HUAYANG INDUSTRIAL 2nd ROAD, JIU TAN,YUAN ZHOU TOWN, BOLUO COUNTY, HUIZHOU CITY, G

#### INCOMING WASTEWATER

GPS Data: 23°10'24.84" N, 113°59'22.95" E

#### SAMPLING LOCATION, CLOSE-UP VIEW



#### UNTREATED WASTEWATER

GPS Data: 23°10'24.23" N, 113°59'22.53" E

#### SAMPLING LOCATION, CLOSE-UP VIEW



#### SAMPLING LOCATION, FAR VIEW



#### SAMPLING LOCATION, FAR VIEW



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