



LAB REPORT

Report Number	(6625)140-0238
Date of sampling	20/05/2025
Reporting Date	26/05/2025

Audit ID	24347	Audit firm	Bureau Veritas – SHANGHAI
Company name	Carreman (Wenshang) Fabric Co., Ltd.		
Contact person	Hongsheng Zhu		
Type of tax - tax ID no	91370830MA3ELG6D8W		
Address	Building A2, Zhejiang Merchants Industrial Park, Wenshang County Economic Development Zone, Jining City, Shandong Province, China		
Region state province	Shandong Province		
Town city / village	Jining City		
Zip/Post code	272500		

Type of wastewater discharge			
Type of waste discharge	Indirect Discharge with Pre-treatment		
Description of the discharge	Shandong Public Utilities Group Wenshang Water Affairs Co., Ltd. Fodu Branch.		
Ambient temperature of receiving water body (direct discharge only)	Not Applicable		
Type of treatment			
PRELIMINARY	PRIMARY	SECONDARY / BIOLOGICAL	TERTIARY
<input checked="" type="checkbox"/> Screening/Sieving/Grit remover	<input type="checkbox"/> Coagulation/Flocculation	<input checked="" type="checkbox"/> Activated sludge process/Aerobic reactor	<input type="checkbox"/> Absorption with activated carbon
<input type="checkbox"/> Homogenization tank	<input checked="" type="checkbox"/> Dissolved air flotation (DAF)	<input type="checkbox"/> Biological Biofilm reactor (MBBR, SAF, RBC...)	<input type="checkbox"/> High rate filtration
<input checked="" type="checkbox"/> pH correction	<input checked="" type="checkbox"/> Sedimentation tanks or Settler/Clarifier	<input type="checkbox"/> Sequencing batch reactor (SBR)	<input type="checkbox"/> Techniques (ozonation, Fenton reaction, photo catalytic degradation...)
<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other

Bureau Veritas Consumer Products Services, Inc. (Shanghai)
 No. 168, GuangHua Road, Zhuanqiao Town, Minhang, Shanghai, China.
 Post Code:201108
 Tel: 86-21-24081888; Fax: 86-21-64890042

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



LAB REPORT

Sampler accreditation certification number (ZDHC):	C74D106818157
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Sample description

	Simple	Composite	Comments
(1) Wastewater before treatment	YES, white liquid, grab simple at 9:40	NO	/
(2) Wastewater after treatment	NO	YES, light yellow liquid, composite sample at 9:30, 10:30, 11:30, 12:30, 13:30, 14:30, 15:30	/
(3) Sludge	NO	YES, black solid, composite sample at 9:50	/

Local Legal Data

Local Legal Standard name [a]	Textile dyeing and finishing industry water pollutant discharge standards, comprehensive sewage discharge standards GB 4287-2012, GB 8978-1996
Parameters (ZDHC WWG V2.2, Table 2 & 3) exceeded local regulation:	Not Applicable
Discharge permit provided	YES
Discharge flow data	>15m ³ /Day

Internal description – Final Test Report

Internal codification number	(6625)140-0238
Reference sample number	Sample 1 For Before treatment; Sample 2 For After treatment; Sample 3 For Sludge
Received on	21/05/2025
Analysis carried out from	20/05/2025 to 26/05/2025
Arrival Temperature at Lab	2.33 °C
Comments	Samples received within maximum holding time.
Reporting date	26/05/2025
Date and time of the beginning of sampling	20/05/2025, 9:00
Date and time of the end of sampling	20/05/2025, 16:00
Sample holding time exceeded	NO

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

General enquiry and invoicing

Mr. Henry Chen

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Technical enquiry-Chemical

Mr. Steven Han

Steven-Z.han@bureauveritas.com, (021) 24081838

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 DIVISION (SHANGHAI)

必维申美商品检测（上海）有限公司

Laboratory Test Location 实验室检测地址:

No.368, Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai.

上海市闵行区光中路368号

No.168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai.

上海市闵行区光华路168号

Reviewed by:

Amy Feng

Approved by:

Aten Wu

Technical Support

Summary of test results				
Test items	Sample 1 (Before treatment)	Sample 2 (After treatment)	Sample 3 (Sludge)	Sample 4 (Leachate)
Alkylphenols (APs) & Alkylphenol ethoxylates (APEOs)	ND	NA	ND	NA
Anti-Microbials & Biocides	ND	NA	NA	NA
Chlorinated Paraffins	ND	NA	NA	NA
Chlorobenzenes & Chlorotoluenes	ND	NA	ND	NA
Chlorophenols	ND	NA	NA	NA
N,N-di-methylformamide (DMFa)	ND	NA	NA	NA
Dyes – Carcinogenic or Equivalent Concern	ND	NA	NA	NA
Dyes – Disperse (Allergenic)	ND	NA	NA	NA
Dyes – Navy Blue Colourant	NA	NA	NA	NA
Flame retardants	ND	NA	NA	NA
Glycols	ND	NA	NA	NA
Halogenated Solvents	ND	NA	NA	NA
Organotin compounds	ND	NA	NA	NA
Other / Miscellaneous Chemicals	ND	NA	NA	NA
Perfluorinated and Polyfluorinated Chemicals (PFCs)	ND	NA	NA	NA
Phthalates	ND	NA	NA	NA
Polycyclic Aromatic Hydrocarbons (PAHs)	ND	NA	ND	NA
Restricted Aromatic Amines (Cleavable from Azo-colourants)	ND	NA	NA	NA
UV Absorbers	ND	NA	NA	NA
Volatile Organic Compounds (VOCs)	ND	NA	NA	NA
Heavy metals	NA	Fulfill aspirational limit	NA	NA
Global effluent parameters ZDHC	NA	NA	See test result	NA

Remark (Indicated in each parameter)

- | | | | | | |
|-----|---|--|-----|---|-------------------------------|
| ND | = | Not detected (below reporting limit) | NA | = | Not applicable |
| D | = | Detected (equal or above reporting limit) | - | = | Did not perform |
| * | = | See remark | (f) | = | Parameter tested in field |
| @ | = | Maximum holding time exceeded,
Red flag in the ZDHC Gateway – Wastewater Module.
Probable error in results due to the holding time. | (T) | = | Handling temperature exceeded |
| # | = | Non accredited parameter | | | |
| (S) | = | Analysis was subcontracted for testing | | | |
| [a] | = | The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company. | | | |



Test results

1. Alkylphenols (APs) & Alkylphenol Ethoxylates (APEOs)

NP/OP: ASTM D7065-17; OPEO/NPEO (n>2): ASTM D7742-17, LC-MS

Alkylphenols (APs) & Alkylphenol ethoxylates (APEOs)	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Nonylphenoethoxylates (NPEOs)	Multiple including 9016-45-9/ 26027-38-3/ 37205-87-1/ 68412-54-4/ 127087-87-0	5	5	ND	µg/L
Nonylphenol (NP)	Multiple including 104-40-5/ 11066-49-2/ 25154-52-3/ 84852-15-3	5	5	ND	µg/L
Octylphenoethoxylates (OPEOs)	Multiple including 9002-93-1/ 9036-19-5/ 68987-90-6	5	5	ND	µg/L
Octylphenol (OP)	Multiple including 140-66-9/ 1806-26-4/ 27193-28-8	5	5	ND	µg/L

2. Anti-Microbials & Biocides

USEPA3510C:1996; USEPA 8270E:2018, GC-MS; USEPA 8321B:2007, LC-MS

Anti-Microbials & Biocides	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
o-Phenylphenol (+salts)	90-43-7	100	Sample and report only	ND	µg/L
Triclosan	3380-34-5	100	100	ND	µg/L
Permethrin	Multiple including 52645-53-1	500	500	ND	µg/L

3. Chlorinated Paraffins

USEPA 3510C:1996; ISO 18219-2:2021, GC-MS

Chlorinated Paraffins	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Medium-chain chlorinated paraffins (MCCPs) (C14-C17)	85535-85-9	500	500	ND	µg/L
Short-chain chlorinated paraffins (SCCPs) (C10'-C13)	85535-84-8	25	25	ND	µg/L



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4. Chlorobenzenes & Chlorotoluenes

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Chlorobenzenes & Chlorotoluenes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-dichlorobenzene	95-50-1	0.2	0.2	ND	µg/L
Other isomers of mono-, di-, tri-, tetra-, penta-, and hexa- chlorobenzene and mono-, di-, tri-, tetra-, and penta-chlorotoluene	Multiple including 108-90-7/ 541-73-1/ 106-46-7/ 87-61-6/ 120-82-1/ 108-70-3/ 634-66-2/ 634-90-2/ 95-94-3/ 608-93-5/ 118-74-1/ 95-49-8/ 108-41-8/ 106-43-4/ 32768-54-0/ 95-73-8/ 19398-61-9/ 118-69-4/ 95-75-0/ 25186-47-4/ 7359-72-0/ 2077-46-5/ 6639-30-1/ 23749-65-7/ 21472-86-6/ 1006-32-2/ 875-40-1/ 1006-31-1/ 877-11-2	0.2	0.2	ND	µg/L

5. Chlorophenols

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Chlorophenols	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-Chlorophenol	95-57-8	0.5	0.5	ND	µg/L
2,3-Dichlorophenol	576-24-9	0.5	0.5	ND	µg/L
2,3,4-Trichlorophenol	15950-66-0	0.5	0.5	ND	µg/L
2,3,5-Trichlorophenol	933-78-8	0.5	0.5	ND	µg/L
2,3,6-Trichlorophenol	933-75-5	0.5	0.5	ND	µg/L
2,4-dichlorophenol	120-83-2	0.5	0.5	ND	µg/L
2,4,5-Trichlorophenol	95-95-4	0.5	0.5	ND	µg/L
2,4,6-Trichlorophenol	88-06-2	0.5	0.5	ND	µg/L
2,5-Dichlorophenol	583-78-8	0.5	0.5	ND	µg/L
2,6-Dichlorophenol	87-65-0	0.5	0.5	ND	µg/L
3-Chlorophenol	108-43-0	0.5	0.5	ND	µg/L
3,4-Dichlorophenol	95-77-2	0.5	0.5	ND	µg/L
3,4,5-Trichlorophenol	609-19-8	0.5	0.5	ND	µg/L
3,5-Dichlorophenol	591-35-5	0.5	0.5	ND	µg/L
4-Chlorophenol	106-48-9	0.5	0.5	ND	µg/L
Pentachlorophenol (PCP)	87-86-5	0.5	0.5	ND	µg/L
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	0.5	ND	µg/L
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	0.5	ND	µg/L
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.5	ND	µg/L



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6. N,N-di-methylformamide (DMFa)

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

DMFa	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Dimethyl formamide; N,N-dimethylformamide (DMFa)	68-12-2	1000	Sample and report	ND	µg/L

7. Dyes – Carcinogenic or Equivalent Concern

USEPA 8321B:2007, LC-MS

Carcinogenic dyes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Basic violet 3 with >0.1% of Michler's Ketone	548-62-9	500	500	ND	µg/L
C.I. Acid Red 26	3761-53-3	500	500	ND	µg/L
C.I. Acid Violet 49	1694-09-3	500	500	ND	µg/L
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	500	500	ND	µg/L
C.I. Basic Green 4 (malachite green chloride)	569-64-2	500	500	ND	µg/L
C.I. Basic Green 4 (malachite green oxalate)	2437-29-8	500	500	ND	µg/L
C.I. Basic Green 4 (malachite green)	10309-95-2	500	500	ND	µg/L
C.I. Basic Red 9	569-61-9	500	500	ND	µg/L
C.I. Basic Violet 14	632-99-5	500	500	ND	µg/L
C.I. Direct Black 38	1937-37-7	500	500	ND	µg/L
C.I. Direct Blue 6	2602-46-2	500	500	ND	µg/L
C.I. Direct Red 28	573-58-0	500	500	ND	µg/L
C.I. Disperse Blue 1	2475-45-8	500	500	ND	µg/L
C.I. Disperse Blue 3	2475-46-9	500	500	ND	µg/L
C.I. Disperse Orange 11	82-28-0	500	500	ND	µg/L

8. Dyes – Disperse (Allergenic)

USEPA 8321B:2007, LC-MS

Disperse dyes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Disperse Blue 102	12222-97-8	50	NA	ND	µg/L
Disperse Blue 106	12223-01-7	50	NA	ND	µg/L
Disperse Blue 124	61951-51-7	50	NA	ND	µg/L
Disperse Blue 26	3860-63-7	50	NA	ND	µg/L
Disperse Blue 35	12222-75-2	50	NA	ND	µg/L



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Disperse Blue 35	56524-77-7	50	NA	ND	µg/L
Disperse Blue 7	3179-90-6	50	NA	ND	µg/L
Disperse Brown 1	23355-64-8	50	NA	ND	µg/L
Disperse Orange 1	2581-69-3	50	NA	ND	µg/L
Disperse Orange 3	730-40-5	50	NA	ND	µg/L
Disperse Orange 37/59/76	13301-61-6	50	NA	ND	µg/L
Disperse Red 1	2872-52-8	50	NA	ND	µg/L
Disperse Red 11	2872-48-2	50	NA	ND	µg/L
Disperse Red 17	3179-89-3	50	NA	ND	µg/L
Disperse Yellow 1	119-15-3	50	NA	ND	µg/L
Disperse Yellow 3	2832-40-8	50	NA	ND	µg/L
Disperse Yellow 39	12236-29-2	50	NA	ND	µg/L
Disperse Yellow 49	54824-37-2	50	NA	ND	µg/L
Disperse Yellow 9	6373-73-5	50	NA	ND	µg/L

9. Dyes – Navy Blue Colourant

USEPA 8321B:2007, LC-MS

Dyes – Navy Blue Colourant	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	NA	NA	NA	µg/L
Component 2: C46H-30CrN10O20S2 3Na	Not allocated	NA	NA	NA	µg/L

10. Flame retardants

USEPA3510C:1996; USEPA 8270E:2018, GC-MS; USEPA 8321B:2007, LC-MS; USEPA 3015A:2007; US EPA 6020B:2014, ICP-MS

Flame retardants	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Boric acid	10043-35-3/ 11113-50-1	500	500	ND	µg/L
Diboron trioxide	1303-86-2	500	500	ND	µg/L
Disodium octaborate	12008-41-2	500	500	ND	µg/L
Disodium tetraborate anhydrous	1303-96-4/ 1330-43-4	500	500	ND	µg/L
Tetraboron disodium heptaoxide, hydrate	12267-73-1	500	500	ND	µg/L
Hexabromocyclododecane (HBCDD)	3194-55-6	25	25	ND	µg/L
2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	25	ND	µg/L
Polybromobiphenyls (PBBs)	59536-65-1	25	25	ND	µg/L
Monobromobiphenyls (MonoBB)	Multiple	25	25	ND	µg/L
Monobromodiphenylethers (MonoBDEs)	Multiple	25	25	ND	µg/L
Dibromobiphenyls (DiBB)	Multiple	25	25	ND	µg/L
Dibromopropylether	21850-44-2	25	25	ND	µg/L



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Tribromodiphenylethers (TriBDEs)	Multiple	25	25	ND	µg/L
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	25	ND	µg/L
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	25	ND	µg/L
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	25	ND	µg/L
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	25	ND	µg/L
Octabromobiphenyls (OctaBB)	Multiple	25	25	ND	µg/L
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	25	ND	µg/L
Nonabromobiphenyls (NonaBB)	Multiple	25	25	ND	µg/L
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	25	ND	µg/L
Decabromobiphenyl (DecaBB)	13654-09-6	25	25	ND	µg/L
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	25	ND	µg/L
Tetrabromobisphenol A (TBBPA)	79-94-7	25	25	ND	µg/L
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	25	ND	µg/L
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	25	ND	µg/L
Tris(1-aziridinyl) phosphine oxide (TEPA)	545-55-1	25	25	ND	µg/L
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	25	ND	µg/L
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	25	ND	µg/L
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	25	25	ND	µg/L

11. Glycols

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Glycols	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-ethoxyethanol	110-80-5	50	50	ND	µg/L
2-ethoxyethyl acetate	111-15-9	50	50	ND	µg/L
2-methoxyethanol	109-86-4	50	50	ND	µg/L
2-methoxyethylacetate	110-49-6	50	50	ND	µg/L
2-methoxypropylacetate	70657-70-4	50	50	ND	µg/L
Bis(2-methoxyethyl)-ether	111-96-6	50	50	ND	µg/L
Ethylene glycol dimethyl ether	110-71-4	50	50	ND	µg/L
Triethylene glycol dimethyl ether	112-49-2	50	50	ND	µg/L



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12. Halogenated Solvents

USEPA 5030B:1996; EPA 8260D:2018, GC-MS

Chlorinated solvents	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-Dichloroethane	107-06-2	1	1	ND	µg/L
Methylene chloride	75-09-2	1	1	ND	µg/L
Trichloroethene	79-01-6	1	1	ND	µg/L
Tetrachloroethene	127-18-4	1	1	ND	µg/L

13. Organotin compounds

ISO 17353:2004 ,GC-MS

Organotin compounds	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Dipropyltin compounds (DPT)	Multiple including 867-36-7	0.01	0.01	ND	µg/L
Mono-, di-and tri-butyltin derivatives	Multiple including 1118-46-3/ 1461-22-9	0.01	0.01	ND	µg/L
Mono-, di-and tri-methyltin derivatives	Multiple including 993-16-8/ 753-73-1/ 1066-45-1	0.01	0.01	ND	µg/L
Mono-, di-and tri-octyltin derivatives	Multiple including 3091-25-6/ 3542-36-7/ 2587-76-0	0.01	0.01	ND	µg/L
Mono-, di-and tri-phenyltin derivatives	Multiple including 1124-19-2/ 1135-99-5/ 639-58-7	0.01	0.01	ND	µg/L
Tetraethyltin compounds (TeET)	Multiple including 597-64-8	0.01	0.01	ND	µg/L
Tetraoctyltin compounds (TeOT)	Multiple including 3590-84-9	0.01	0.01	ND	µg/L
Tricyclohexyltin (TCyHT)	Multiple including 3091-32-5	0.01	0.01	ND	µg/L
Tripropyltin compounds (TPT)	Multiple including 2279-76-7	0.01	0.01	ND	µg/L

14. Other /Miscellaneous Chemicals

USEPA 8321B:2007, LC-MS; USEPA 3015A:2007; US EPA 6020B:2014, ICP-MS

Other /Miscellaneous Chemicals	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	500	500	ND	µg/L
Bisphenol A	80-05-7	10	10	ND	µg/L
Borate – borate, zinc salt	12767-90-7	100	100	ND	µg/L
Zinc salt – borate, zinc salt		100	100	ND	µg/L
Quinoline	91-22-5	50	50	ND	µg/L
Silica (particles of respirable size)	14464-46-1	NA	NA	NA	µg/L
Thiourea	62-56-6	50	50	ND	µg/L



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15. Perfluorinated chemicals (PFCs)

USEPA 8321B: 2007, LC-MSMS

Perfluorinated chemicals (PFCs)	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Perfluorooctane sulfonate (PFOS) and related substances	Multiple including 1763-23-1	0.01	0.01	ND	µg/L
Perfluorooctanoic acid (PFOA) and related substances	Multiple including 335-67-1	1	1	ND	µg/L

16. Phthalates – Including all other esters of ortho-phthalic acid

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Phthalates	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP)	71888-89-6/ 84777-06-0	10	10	ND	µg/L
1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUUP)	68515-42-4/ 68515-50-4	10	10	ND	µg/L
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	10	ND	µg/L
Butyl benzyl phthalate (BBP)	85-68-7	10	10	ND	µg/L
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	10	ND	µg/L
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	10	ND	µg/L
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	10	ND	µg/L
Di-iso-butyl phthalate (DIBP)	84-69-5	10	10	ND	µg/L
Di-iso-nonyl phthalate (DINP)	28553-12-0	10	10	ND	µg/L
Di-n-hexyl phthalate (DnHP)	84-75-3	10	10	ND	µg/L
Di-n-octyl phthalate (DNOP)	117-84-0	10	10	ND	µg/L
Di-n-pentylphthalates	131-18-0	10	10	ND	µg/L
Di-n-propyl phthalate (DPRP)	131-16-8	10	10	ND	µg/L
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	10	ND	µg/L
Dibutyl phthalate (DBP)	84-74-2	10	10	ND	µg/L
Diethyl phthalate (DEP)	84-66-2	10	10	ND	µg/L
Diisopentylphthalates	605-50-5	10	10	ND	µg/L
Dinonyl phthalate (DNP)	84-76-4	10	10	ND	µg/L



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17. Polycyclic aromatic hydrocarbons (PAHs)

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

PAHs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Acenaphthene	83-32-9	1	1	ND	µg/L
Acenaphthylene	208-96-8	1	1	ND	µg/L
Anthracene	120-12-7	1	1	ND	µg/L
Benzo(a)anthracene	56-55-3	1	1	ND	µg/L
Benzo(a)pyrene (BaP)	50-32-8	1	1	ND	µg/L
Benzo(b)fluoranthene	205-99-2	1	1	ND	µg/L
Benzo(e)pyrene	192-97-2	1	1	ND	µg/L
Benzo(ghi)perylene	191-24-2	1	1	ND	µg/L
Benzo(j)fluoranthene	205-82-3	1	1	ND	µg/L
Benzo(k)fluoranthene	207-08-09	1	1	ND	µg/L
Chrysene	218-01-9	1	1	ND	µg/L
Dibenz(a,h)anthracene	53-70-3	1	1	ND	µg/L
Fluoranthene	206-44-0	1	1	ND	µg/L
Fluorene	86-73-7	1	1	ND	µg/L
Indeno (1,2,3-cd)pyrene	193-39-5	1	1	ND	µg/L
Naphthalene	91-20-3	1	1	ND	µg/L
Phenanthrene	85-01-8	1	1	ND	µg/L
Pyrene	129-00-0	1	1	ND	µg/L

18. Restricted Aromatic Amines (Cleavable from Azo-colourants)

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Azo Dyes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-Naphthylamine	91-59-8	0.1	0.1	ND	µg/L
2-Naphthylammoniumacetate	553-00-4	0.1	0.1	ND	µg/L
2,4-Xylidine	95-68-1	0.1	0.1	ND	µg/L
2,4,5-Trimethylaniline	137-17-7	0.1	0.1	ND	µg/L
2,4,5-trimethylaniline hydrochloride	21436-97-5	0.1	0.1	ND	µg/L
2,6-Xylidine	87-62-7	0.1	0.1	ND	µg/L
3,3'-Dichlorobenzidine	91-94-1	0.1	0.1	ND	µg/L
3,3-Dimethoxybenzidine	119-90-4	0.1	0.1	ND	µg/L
3,3-Dimethylbenzidine	119-93-7	0.1	0.1	ND	µg/L
4-Aminoazobenzene	60-09-3	0.1	0.1	ND	µg/L
4-Aminobiphenyl	92-67-1	0.1	0.1	ND	µg/L

4-Chloro-o-toluidine	95-69-2	0.1	0.1	ND	µg/L
4-chloro-o-toluidinium chloride	3165-93-3	0.1	0.1	ND	µg/L
4-Chloroaniline	106-47-8	0.1	0.1	ND	µg/L
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisoole sulphate	39156-41-7	0.1	0.1	ND	µg/L
4-methoxy-m-phenylenediamine	615-05-4	0.1	0.1	ND	µg/L
4-Methyl-m-phenylenediamine	95-80-7	0.1	0.1	ND	µg/L
4,4-Methylene-bis-(2-chloro-aniline)	101-14-4	0.1	0.1	ND	µg/L
4,4-methylenedi-o-toluidine	838-88-0	0.1	0.1	ND	µg/L
4,4-methylenedianiline	101-77-9	0.1	0.1	ND	µg/L
4,4-Oxydianiline	101-80-4	0.1	0.1	ND	µg/L
4,4-Thiodianiline	139-65-1	0.1	0.1	ND	µg/L
5-Nitro-o-toluidine	99-55-8	0.1	0.1	ND	µg/L
6-methoxy-m-toluidine	120-71-8	0.1	0.1	ND	µg/L
Benzidine	92-87-5	0.1	0.1	ND	µg/L
o-Aminoazotoluene	97-56-3	0.1	0.1	ND	µg/L
o-Anisidine	90-04-0	0.1	0.1	ND	µg/L
o-Toluidine	95-53-4	0.1	0.1	ND	µg/L

19. UV Absorbers

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

UV Absorbers	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	100	ND	µg/L
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	100	ND	µg/L
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	100	ND	µg/L
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	3864-99-1	100	100	ND	µg/L



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20. Volatile organic compounds (VOCs)

USEPA 5030B:1996; EPA 8260D:2018; USEPA3510C:1996; USEPA 8270E:2018, GC-MS

VOCs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Benzene	71-43-2	1	1	ND	µg/L
m-cresol	108-39-4	1	1	ND	µg/L
o-cresol	95-48-7	1	1	ND	µg/L
p-cresol	106-44-5	1	1	ND	µg/L
Toluene	108-88-3	1	1	ND	µg/L
Xylene	1330-20-7	1	1	ND	µg/L

21. Heavy metals

US EPA 3015A:2007; US EPA 6020B:2014, ICP-MS; GB/T 7467-1987, UV

Heavy metals	CAS no.	TEXTILES Limit			LEATHER Limit			Reporting limit & LOQ	Result Sample 2 (After treatment)	Unit
		F	P	A	F	P	A			
Antimony (Sb)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	NA	mg/L
Chromium VI (Cr VI)	Various	0.05	0.005	0.001	0.15	0.05	0.02	0.001	ND	mg/L
Barium (Ba)	Various	Sample and report only			Sample and report only			1	NA	mg/L
Selenium (Se)	Various	Sample and report only			Sample and report only			1	NA	mg/L
Tin (Sn)	Various	Sample and report only			Sample and report only			1	NA	mg/L
Arsenic (As)	Various	0.05	0.01	0.005	0.05	0.01	0.005	0.005	ND	mg/L
Total Chromium (Cr)	Various	0.2	0.1	0.05	1.5	0.8	0.3	0.05	NA	mg/L
Cobalt (Co)	Various	0.05	0.02	0.01	0.05	0.02	0.01	0.01	NA	mg/L
Cadmium (Cd)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Copper (Cu)	Various	1	0.5	0.25	1	0.5	0.25	0.25	NA	mg/L
Lead (Pb)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Nickel (Ni)	Various	0.2	0.1	0.05	0.2	0.1	0.05	0.05	NA	mg/L
Silver (Ag)	Various	0.1	0.05	0.005	0.1	0.05	0.005	0.005	NA	mg/L
Zinc (Zn)	Various	5.0	1.0	0.5	5	1	0.5	0.5	NA	mg/L
Mercury (Hg)	Various	0.01	0.005	0.001	0.01	0.005	0.001	0.001	ND	mg/L

22. Global effluent parameters

Parameters	Test Method	TEXTILES Limit			LEATHER Limit			Reporting limit & LOQ	Result	
		F	P	A	F	P	A		Sample 2 (After Treatment)	Unit
pH	HJ 1147-2020	6-9			6-9			NA	NA	pH
Temperature difference	GB/T 13195-1991	Δ+15	Δ+10	Δ+5	Δ+15	Δ+10	Δ+5	NA	NA	°C
E. coli	SM 9221B, SM 9221F	126			126			126	NA	MPN/100ml
Colour (436nm; 525nm; 620nm)	ISO 7887-B:2011	7;5;3	5;3;2	2;1;1	7;5;3	5;3;2	2;1;1	1;1;1	NA	m ⁻¹
Foam	Visual estimation	Not visible			Not visible			NA	NA	/
Wastewater Flowrate	-	15m ³ per day			15m ³ per day			NA	NA	m ³ /day
Ammonium-N	HJ 535-2009	10	1	0.5	10	1	0.5	0.5	NA	mg/L
AOX	HJ/T 83-2001	3	0.5	0.1	3	0.5	0.1	0.1	NA	mg/L
BOD ₅	HJ 505-2009	30	15	8	50	30	20	8	NA	mg/L
COD	HJ 828-2017	150	80	40	250	150	100	40	NA	mg/L
DO	HJ 506-2009	≥4			≥4			NA	NA	mg/L
Oil and grease	HJ 637-2018	10	2	0.5	20	10	5	0.5	NA	mg/L
Phenol	HJ 503-2009	0.5	0.01	0.001	0.5	0.3	0.1	0.001	NA	mg/L
Total Chlorine	HJ 586-2010	1			1			0.1	NA	mg/L
TDS	GB/T 5750.4-2006	Sample and report only			Sample and report only			5	NA	mg/L
Total-N	HJ 636-2012	20	10	5	35	20	10	5	NA	mg/L
Total-P	GB/T 11893-1989	3	0.5	0.1	3	1	0.5	0.1	NA	mg/L
TSS	GB/T 11901-1989	50	15	5	70	50	20	15	NA	mg/L
Chloride	HJ 84-2016	Sample and report only			Sample and report only			1	NA	mg/L
Cyanide, total	HJ 484-2009	0.2	0.1	0.05	0.2	0.1	0.05	0.05	NA	mg/L
Sulphate	HJ 84-2016	Sample and report only			Sample and report only			1	NA	mg/L
Sulphide	HJ 1226-2021	0.5	0.05	0.01	1	0.5	0.2	0.01	NA	mg/L
Sulphite	HJ 84-2016	2	0.5	0.2	2	0.5	0.2	0.2	NA	mg/L



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23. Sludge Parameters – Step 1 – MRSL –APs and APEOs: including all isomers (Sludge Disposal Pathway = A)

USEPA 3550C:2007; ASTM D7065-17; ASTM D7742-17, LC-MS

Sludge Parameters – APs and APEOs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Nonylphenoethoxylates (NPEOs)	Multiple including 9016-45-9/ 26027-38-3/ 37205-87-1/ 68412-54-4/ 127087-87-0	0.4	0.4	ND	mg/kg
Nonylphenol (NP)	Multiple including 104-40-5/ 11066-49-2/ 25154-52-3/ 84852-15-3	0.4	0.4	ND	mg/kg
Octylphenoethoxylates (OPEOs)	Multiple including 9002-93-1/ 9036-19-5/ 68987-90-6	0.4	0.4	ND	mg/kg
Octylphenol (OP)	Multiple including 140-66-9/ 1806-26-4/ 27193-28-8	0.4	0.4	ND	mg/kg

24. Sludge Parameters – Step 1 – MRSL – Polycyclic Aromatic Hydrocarbons (PAHs)

USEPA 3550C:2007; USEPA 8270E:2018, GC-MS

PAHs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Acenaphthene	83-32-9	0.2	0.2	ND	mg/kg
Acenaphthylene	208-96-8	0.2	0.2	ND	mg/kg
Anthracene	120-12-7	0.2	0.2	ND	mg/kg
Benzo(a)anthracene	56-55-3	0.2	0.2	ND	mg/kg
Benzo(a)pyrene (BaP)	50-32-8	0.2	0.2	ND	mg/kg
Benzo(b)fluoranthene	205-99-2	0.2	0.2	ND	mg/kg
Benzo(e)pyrene	192-97-2	0.2	0.2	ND	mg/kg
Benzo(ghi)perylene	191-24-2	0.2	0.2	ND	mg/kg
Benzo(j)fluoranthene	205-82-3	0.2	0.2	ND	mg/kg
Benzo(k)fluoranthene	207-08-09	0.2	0.2	ND	mg/kg
Chrysene	218-01-9	0.2	0.2	ND	mg/kg
Dibenz(a,h)anthracene	53-70-3	0.2	0.2	ND	mg/kg
Fluoranthene	206-44-0	0.2	0.2	ND	mg/kg
Fluorene	86-73-7	0.2	0.2	ND	mg/kg
Indeno (1,2,3-cd)pyrene	193-39-5	0.2	0.2	ND	mg/kg
Naphthalene	91-20-3	0.2	0.2	ND	mg/kg
Phenanthrene	85-01-8	0.2	0.2	ND	mg/kg
Pyrene	129-00-0	0.2	0.2	ND	mg/kg



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25. Sludge Parameters – Step 1 – MRSL – Chlorotoluenes

USEPA 3550C:2007; USEPA 8270E:2018, GC-MS

Chlorotoluenes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Other isomers of mono-, di-, tri-, tetra-, and penta- chlorotoluene	Multiple including 95-49-8/ 108-41-8/ 106-43-4/ 32768-54-0/ 95-73-8/ 19398-61-9/ 118-69-4/ 95-75-0/ 25186-47-4/ 7359-72-0/ 2077-46-5/ 6639-30-1/ 23749-65-7/ 1006-32-2/ 875-40-1/ 877-11-2	0.2	0.2	ND	µg/L

26. Sludge Parameters – Step 1 – Metals

USEPA 3051A:2007; US EPA 6020B:2014, ICP-MS; US EPA 7196A:1992, UV

Sludge Parameters - Metals	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Threshold Values	Result Sample 3 (Sludge)	Unit
Antimony	-	5	NA	12	NA	mg/kg
Arsenic	-	5	2	10	NA	mg/kg
Barium	-	200	NA	700	NA	mg/kg
Cadmium	-	1	2	3	NA	mg/kg
Cobalt	-	400	NA	1600	NA	mg/kg
Copper	-	50	NA	200	NA	mg/kg
Lead	-	5	2	10	NA	mg/kg
Nickel	-	20	NA	70	NA	mg/kg
Selenium	-	5	NA	10	NA	mg/kg
Silver	-	50	NA	100	NA	mg/kg
Zinc	-	400	NA	1000	NA	mg/kg
Total Chromium	-	50	NA	100	NA	mg/kg
Chromium (VI)	-	20	2	50	NA	mg/kg
Mercury	-	1	0.2	1	NA	mg/kg

27. Sludge Parameters – Step 1 – Conventional Parameters & Anions

HJ 962-2018; EPA 1681:2006; HJ 613-2011; EPA 9095B:2004; HJ 745-2015

Sludge Parameters – Conventional & Anions	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
pH	-	-	-	NA	pH
Fecal Coliform	-	-	-	NA	MPN/g
% Solids	-	Sample and report	-	18.3	%
Paint Filter Test	-	-	-	NA	-
Cyanide	-	-	-	NA	mg/kg



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28. Sludge Parameters – Step 2 – Metals

HJ/T 300-2007; US EPA 3015A:2007; US EPA 6020B:2014, ICP-MS; US EPA 7196A:1992, UV

Sludge Parameters – Step 2 - Metals	CAS no.	LOQ	Reporting limit	Result Sample 4 (Leachate)	Unit
Antimony	-	-	-	NA	mg/L
Arsenic	-	-	-	NA	mg/L
Barium	-	-	-	NA	mg/L
Cadmium	-	-	-	NA	mg/L
Cobalt	-	-	-	NA	mg/L
Copper	-	-	-	NA	mg/L
Lead	-	-	-	NA	mg/L
Nickel	-	-	-	NA	mg/L
Selenium	-	-	-	NA	mg/L
Silver	-	-	-	NA	mg/L
Zinc	-	-	-	NA	mg/L
Total Chromium	-	-	-	NA	mg/L
Chromium (VI)	-	-	-	NA	mg/L
Mercury	-	-	-	NA	mg/L

Remark

- | | | | | | |
|-----|---|--|-----|---|-------------------------------|
| ND | = | Not detected (below reporting limit) | NA | = | Not applicable |
| D | = | Detected (equal or above reporting limit) | - | = | Did not perform |
| * | = | See remark | (f) | = | Parameter tested in field |
| @ | = | Maximum holding time exceeded,
Red flag in the ZDHC Gateway – Wastewater Module.
Probable error in results due to the holding time. | (T) | = | Handling temperature exceeded |
| # | = | Non accredited parameter | F | = | Foundational level |
| (S) | = | Analysis was subcontracted for testing | P | = | Progressive level |
| [a] | = | The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company. | A | = | Aspirational level |

Annex A: Sampling photos & Sampling locations

Sample 1 – Sampling Point
20/05/2025, 9:40



Sample 1 – Photo of Sample
20/05/2025, 9:40



Annex A: Sampling photos & Sampling locations (continue)

Sample 2 – Sampling Point
20/05/2025, 9:30



Sample 2 – Photo of Sample
20/05/2025, 15:30



Sample 2 – Photo of persistent foam
20/05/2025, 9:30



Annex A: Sampling photos & Sampling locations (continue)

Sample 3 – Sampling Point
20/05/2025, 9:50



Sample 3 – Photo of Sample
20/05/2025, 9:50





BUREAU VERITAS

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Annex B: On-site Field Data Record Sheet

	ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration	CPSD-AN-00613-DATA 07 Issue Date: _____ Version No.: 1 Business Line: Analytical
	Attach the completed field data form in the test report.	
	Facility Information	

Date of Sampling: 采样日期	2025.5.20	
Sample Number / Test Report Number (ZDHC Composite Sample Code): 报告号	66251400238	
Facility Name: 工厂名称	浙江凯泰纺织有限公司	
Facility Address: 工厂地址	浙江省绍兴市上虞经济开发区福路5555号	
Facility Type (tick all applicable): 工厂类型	<input type="checkbox"/> Dyeing and Finishing 染整 <input type="checkbox"/> Fabric Mill 面料厂 <input checked="" type="checkbox"/> Laundry, Washing and Finishing 洗衣, 水洗, 整理 <input type="checkbox"/> Natural Leather processing 天然皮革加工 <input type="checkbox"/> Printing 印花 <input type="checkbox"/> Synthetic Leather processing 合成革加工 <input type="checkbox"/> Other (please specify) 其他 (请注明)	
Discharge Type (tick applicable): 排放类型	<input type="checkbox"/> Direct discharge 直接排放 <input type="checkbox"/> with pre-treatment 有预处理 <input type="checkbox"/> Indirect discharge 间接排放 <input type="checkbox"/> without pre-treatment 没有预处理 <input type="checkbox"/> Zero liquid discharge (ZLD) 零液体排放 <input checked="" type="checkbox"/> with own ETP 拥有自己的污水处理厂 <input type="checkbox"/> Discharge to environment (e.g. river/河渠, stream/溪流, sea etc/海洋) <input type="checkbox"/> Other (please specify) 其他 (请注明)	
Discharge Description: 排放说明	<input checked="" type="checkbox"/> Sewage treatment plant 污水处理厂 <input type="checkbox"/> Other (please specify) 其他 (请注明)	
Discharge Volume: 排放量	<input checked="" type="checkbox"/> ≤ 15m ³ per day > 15m ³ <input type="checkbox"/> < 15m ³ per day (≤ 15m ³)	

Sample Type	Sample Details
<input type="checkbox"/> Incoming Water 进水 <input type="checkbox"/> Untreated WW 未处理 <input type="checkbox"/> Effluent 排放物 <input type="checkbox"/> Sludge 污泥	<p>with equalisation tank (EQT) present 存在均质池 (EQT)</p> <p>Hydraulic Retention Time (HRT) (Hours): 水力停留时间 (HRT) (小时) <u>2.7h</u></p> <p>= volume of tank (m³) / flow rate (m³/h) if HRT > 12 h, grab sampling from EQT is allowed.</p> <p><input checked="" type="checkbox"/> Direct 直接排放 <input type="checkbox"/> Indirect 间接排放 <input checked="" type="checkbox"/> with equalisation tank (EQT) present 存在均质池 (EQT)</p> <p>Enter sampling time(s) in page 2 and take field test measurements, in page 2 input sampling time, and conduct field test measurements. 客户要求时, 实施进行现场测试测量。</p> <p>Hydraulic Retention Time (HRT) (Hours): 水力停留时间 (HRT) (小时) <u>2.7h</u></p> <p>= volume of tank (m³) / flow rate (m³/h) if HRT > 12 h, grab sampling from EQT is allowed. 如果 HRT > 12 h, 则允许从 EQT 中直接取样。</p> <p>Disposal Pathway 处置途径 (The pathway must be defined by the facility, if the facility cannot provide information, pathway "F" shall be assumed.)</p> <p><input checked="" type="checkbox"/> A >1000°C off-site incineration <input type="checkbox"/> B 有重大控制措施的填埋 Landfill with significant control <input type="checkbox"/> C 建筑材料加工温度 >1000°C Building products processed >1000°C <input type="checkbox"/> D 有限制控制的填埋 Landfill with limited control <input type="checkbox"/> E 其他/建筑材料加工 <1000°C Incineration/ Building products</p> <p><input type="checkbox"/> F 无控制措施的填埋 Landfill with no control <input type="checkbox"/> G 土地施用 Land application</p> <p>Sludge flux (weight/time) if applicable: 污泥流量 (重量/时间) (如适用)</p>

ZDHC Wastewater Sampling - Facility Confirmation ZDHC 废水取样-设施确认

The wastewater samples have been collected under the facilities' normal production scale and wastewater flow rate. The sampler listed below was on-site and collected the samples. Sampling protocol for wastewater and sludge samples are in accordance with ZDHC SAP including appendix E. 废水和污泥样品的采集是在工厂的正常生产规模和废水流量下采集的。下面列出的采样师在现场采集了样品。废水和污泥样品的采样方案符合 ZDHC SAP, 包括附录 E。在没有任何情况下, 当生产过程未运行或废水被稀释时, 例如由于故障, 都不被取得。

Facility Confirmation	Sampler Information
Facility Name: 工厂名称	Sampler's Name/ Email: 采样师姓名/电子邮件
Facility Representative Name: 工厂代表	Sampler's ZDHC Accredited No.: 采样师的 ZDHC 证书编号
Facility Representative Signature and Stamp: 工厂代表签名及盖章	Sampler's Signature: 采样师签名
Date: 日期	Date: 日期



BUREAU VERITAS

Report Number

(6625)140-0238

Annex B: On-site Field Data Record Sheet (continue)

ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration									
ZDHC 废水取样现场数据表和代表性样品声明									
ZDHC Wastewater Flow Device Dimensions ZDHC 废水流量设备参数 Measurement (cm) 测量 (cm) Meter 仪器 Pipe (O) 管道 Flume (U) 槽渠 Wier (V) 堰 Diameter 直径 -- -- -- -- -- Depth 深度 -- -- -- -- --									
ZDHC Wastewater Sampling Field Testing QA/QC ZDHC 废水取样现场测试QA/QC Parameter 参数 Lab Control Sample (LCS) Known 实验室控制样品 Measured 实验室控制样品 (LCS) 测量 Accuracy (%) 准确度 pH -- -- -- -- -- Total Chlorine 总氯 -- -- -- -- --									
ZDHC Wastewater Sample Collection Field Test Measurements ZDHC 废水样本收集现场测试测量 Incoming Sample Point 进水采样点 <input type="radio"/> Composite Sample 混合采样 <input type="radio"/> Grab Sample 瞬时采样 Start Time 开始时间 Stop Time 停止时间 Sampling Locations 采样位置 GPS coordinates: GPS 坐标 Lat.: N / S Long.: E / W Sampling Mode 采样方式 <input type="radio"/> Manual 手动 <input type="radio"/> Autosampler 自动采样器 - Sampling Device Description/ Owner: 采样设备描述 Sampling Time (Hours) 采样时间 (小时) 0 1 2 3 4 5 6 Average 平均 Recording time of discrete sample 记录离散样本的时间 Colour (visual estimation): 颜色 (视觉估计)									
Untreated Sample Point 未处理的采样点 <input type="radio"/> Composite Sample 混合采样 <input checked="" type="radio"/> Grab Sample 瞬时采样 Start Time 开始时间 9:00 Stop Time 停止时间 16:00 Sampling Locations 采样位置 GPS coordinates: GPS 坐标 Lat.: N / S 35°46'24.85" Long.: E / W 116°28'31.58" Sampling Mode 采样方式 <input checked="" type="radio"/> Manual 手动 <input type="radio"/> Autosampler 自动采样器 - Sampling Device Description/ Owner: 采样设备描述 Sampling Time (Hours) 采样时间 (小时) 0 1 2 3 4 5 6 Average 平均 Recording time of discrete sample 记录离散样本的时间 9:00 Colour (visual estimation): 颜色 (视觉估计) 浅白色									
Effluent Sample Point 排放废水采样点 <input type="radio"/> Composite Sample 混合采样 <input type="radio"/> Grab Sample 瞬时采样 Start Time 开始时间 9:00 Stop Time 停止时间 16:00 Sampling Locations 采样位置 GPS coordinates: GPS 坐标 Lat.: N / S 35°40'28.70" Long.: E / W 116°28'29.20" Sampling Mode 采样方式 <input checked="" type="radio"/> Manual 手动 <input type="radio"/> Autosampler 自动采样器 - Sampling Device Description/ Owner: 采样设备描述 Sampling Time (Hours) 采样时间 (小时) 0 1 2 3 4 5 6 Average 平均 Recording time of discrete sample 记录离散样本的时间 9:30 10:30 11:30 12:30 13:30 14:30 15:30 Temperature (°C) WW Discharge 排放废水 29.8 20.1 20.3 31.9 32.3 22.9 33.1 Receiving Water 接收水 pH: 6.9 6.7 6.9 7.1 7.0 7.1 6.9 Dissolved Oxygen (mg/L): 溶解氧 1.70 Total Chlorine (mg/L): 总氯 0.77 Persistent Foam (Yes/No): 持久泡沫 Yes / No Yes / No Wastewater Flow Meter (L/min): 流速 Alternate Measured Flow: 替代测量 Depth (cm): 深度 (厘米) Velocity (cm/sec): 流速 (厘米/秒) Colour (visual estimation): 颜色 (视觉估计) 浅黄 浅黄 浅黄 浅黄 浅黄 浅黄 浅黄 Volume collected (L): 收集的体积 (L) 100mL 100mL 100mL 100mL 100mL 100mL 100mL Total volume collected (L): 收集的总体积 (L) 750mL Collected 3-33 times each hour for a total minimum volume of 20 litres (100mL x 3-33)									
Sludge Sample Point 污泥采样点 <input type="radio"/> Composite Sample 混合采样 Start Time 开始时间 9:00 Stop Time 停止时间 16:00 Sampling Locations 采样位置 GPS coordinates: GPS 坐标 Lat.: N / S 35°40'29.71" Long.: E / W 116°28'28.72" Sampling Mode 采样方式 <input type="radio"/> Manual 手动 <input type="radio"/> Autosampler 自动采样器 - Sampling Device Description/ Owner: 采样设备描述 Sampling Time (Hours) 采样时间 (小时) 0 1 2 3 4 5 6 Average 平均 Recording time of discrete sample 记录离散样本的时间 9:50 Colour (visual estimation): 颜色 (视觉估计) 黑色									
Comments/ Other Observations 其他备注 排污: 20cm/d. 现场污泥废水流出。									



Annex C: Limit according to regulation / Contract limit with centralized ETP (if proceed)

当前位置：水污染物排放信息审核

1、废水污染物排放许可限值

(1) 主要排放口

排放口编号	排放口名称	污染物种类	许可排放浓度限值 (mg/L)
DW001	厂区生产废水排放口	悬浮物	100mg/L
DW001	厂区生产废水排放口	色度	80
DW001	厂区生产废水排放口	流量	/mg/L
DW001	厂区生产废水排放口	pH值	6-9
DW001	厂区生产废水排放口	化学需氧量	200mg/L
DW001	厂区生产废水排放口	总氮 (以N计)	30mg/L
DW001	厂区生产废水排放口	总磷 (以P计)	1.5mg/L
DW001	厂区生产废水排放口	氨氮 (NH3-N)	20mg/L
DW001	厂区生产废水排放口	五日生化需氧量	50mg/L
主要排放口合计			CODcr
			氨氮
			总氮 (以N计)
