



LAB REPORT

| | | | |
|--|--|--|------------------------|
| Report number | (6625)073-0916 | | |
| Date of sampling (dd/mm/yyyy) | 14/03/2025 | | |
| Date of report (dd/mm/yyyy) | 26/03/2025 | | |
| Factory company name | Zhejiang Yuejia Dyeing and Printing Co., Ltd. | | |
| Factory address | Beiba Road, Binhai Industrial Zone, Keqiao District, Shaoxing City, Zhejiang Province, China | | |
| Discharge type | Indirect Discharge with Pretreatment | | |
| Discharge destination name & address | Jiangbin Water Treatment Co., Ltd. | | |
| Average total industrial wastewater generated | ≥15 m ³ per day | Manufacturing process type | Textile |
| Onsite ETP / Pretreatment | Yes | Homogenization Tank & Average Holding Time | No |
| ZDHC sampler accreditation certification number | C74D106818157 | | |
| Sample description & Sample collection method | | | |
| Untreated wastewater (raw) | I001, dark brown liquid, composite sample at 9:30, 10:30, 11:30, 12:30, 13:30, 14:30, 15:30 | | |
| Discharged wastewater (effluent) | I002, light brown liquid, composite sample at 9:35, 10:35, 11:35, 12:35, 13:35, 14:35, 15:35 | | |
| Sludge | I003, brown solid, composite sample at 10:00 | | |
| Local legal data | | | |
| Local legal standard name & number [a] | Emission standards for water pollutants in textile dyeing and finishing industry; GB 4287-2012 | | |
| Parameters (ZDHC WWG V2.2, Table 2 & 3) meeting local regulation [a] | Not applicable | | |
| Discharge permit provided | Yes | | |
| ZDHC overall results | | | |
| Wastewater MRSL | Not detected | | |
| Wastewater metals | Meet aspirational limit | | |
| Wastewater conventional and anions | Not applicable | | |
| Sludge disposal pathway | A | Sludge | Sample and report only |



| Internal Description | |
|---|---|
| Sample reference number | (6625)073-0916 |
| Date & time of the beginning of sampling | 14/03/2025, 9:10 |
| Date & time of the end of sampling | 14/03/2025, 15:50 |
| Sample received date | 15/03/2025 |
| Testing period | From 14/03/2025 to 26/03/2025 |
| Sample holding time exceeded | No |
| Sample temperature when received from lab | 3.23 °C |
| Comments | No comment |
| General enquiry and invoicing | Henry Chen Email: henry.chen@bureauveritas.com; Tel: (021) 24081953 |
| Technical enquiry | Steven Han Email: steven-z.han@bureauveritas.com; Tel: (021) 24081838 |
| For and on behalf of | Bureau Veritas Consumer Products Services, Inc. (Shanghai) No. 168, GuangHua Road, Zhuangqiao Town, Minhang, Shanghai, China. Post Code:201108 |
| | Amy Feng |
| | Aten Wu, Technical Support |

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**Summary of test results**

| Wastewater / MRSL - Test Items | Raw I001 |
|---|----------|
| AP and APEOs | ND |
| Antimicrobials and Biocides | ND |
| Chlorinated Paraffins | ND |
| Chlorobenzenes and Chlorotoluenes | ND |
| Chlorophenols | ND |
| DMFa | ND |
| Dyes-Carcinogenic or Equivalent Concern | ND |
| Dyes-Disperse (Allergenic) | ND |
| Dyes-Navy Blue Colourant | NA |
| Flame Retardants | ND |
| Glycols / Glycol Ethers | ND |
| Halogenated Solvents | ND |
| Organotin Compounds | ND |
| Other / Miscellaneous Chemicals | ND |
| PFCs | ND |
| Phthalates | ND |
| PAHs | ND |
| Restricted Aromatic Amines | ND |
| UV Absorbers | ND |
| VOC | ND |

Summary of test results

| Wastewater / Metals - Test Items | Effluent I002 |
|--|----------------------|
| Antimony | NA |
| Chromium (VI) | Aspirational |
| Barium | NA |
| Selenium | NA |
| Tin | NA |
| Arsenic | Aspirational |
| Total Chromium | NA |
| Cobalt | NA |
| Cadmium | Aspirational |
| Copper | NA |
| Lead | Aspirational |
| Nickel | NA |
| Silver | NA |
| Zinc | NA |
| Mercury | Aspirational |
| Wastewater / Conventional & Anions - Test Items | Effluent I002 |
| pH [f] | NA |
| Temperature difference [f] | NA |
| E.coli | NA |
| Colour | NA |
| Persistent foam [f] | NA |
| Wastewater flowrate [f] | NA |
| Ammonium-Nitrogen | NA |
| AOX | NA |
| BOD5 | NA |
| COD | NA |
| DO [f] | NA |
| Oil & Grease | NA |
| Total Phenols | NA |
| Total Chlorine [f] | NA |
| TDS | NA |
| Total Nitrogen | NA |
| Total Phosphorus | NA |
| TSS | NA |
| Chloride | NA |
| Cyanide, total | NA |
| Sulphate | NA |
| Sulphide | NA |
| Sulphite | NA |



Summary of test results **Sludge Disposal Pathway = A**

| Sludge / Sludge Parameters - Test Items | Sludge I003 |
|---|-------------|
| AP and APEOs | Report only |
| PAHs | Report only |
| Chlorotoluenes | Report only |
| Antimony | NA |
| Arsenic | NA |
| Barium | NA |
| Cadmium | NA |
| Cobalt | NA |
| Copper | NA |
| Lead | NA |
| Nickel | NA |
| Selenium | NA |
| Silver | NA |
| Zinc | NA |
| Total Chromium | NA |
| Chromium (VI) | NA |
| Mercury | NA |
| pH | NA |
| Fecal Coliform | NA |
| % Solids | Report only |
| Paint Filter Test | NA |
| Cyanide | NA |

Sludge flux and/or sludge flow data: NA

| Remark (indicated in each parameter) | | |
|--------------------------------------|---|---|
| ND | = | Not detected (below lab reporting limit) |
| D | = | Detected (above lab reporting limit) |
| Meet | = | (Sludge) Meet sludge disposal pathway limit |
| Not meet | = | (ZDHC) Not meet foundational limit, (Sludge) Not meet sludge disposal pathway limit |
| Foundational | = | Meet foundational limit |
| Progressive | = | Meet progressive limit |
| Aspirational | = | Meet aspirational limit |
| Report only | = | Parameter is for report only, please refer to the data |
| [a] | = | The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company |
| (f) | = | Parameter tested in field |
| (T) | = | Handling temperature exceeded |
| @ | = | Maximum holding time exceeded |
| * | = | See comment |
| (S) | = | Analysis was subcontracted for testing |
| | | |
| | | |



1) Test result - Wastewater / MRSL
1A) AP and APEOs: including all isomers

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|-------------------|---|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw I001 | | | |
| NPEO | Multiple 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0 | 5 | 5 | ND | | | |
| NP, mixed isomers | Multiple 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3 | 5 | 5 | ND | | | |
| OPEO | Multiple 9002-93-1, 9036-19-5, 68987-90-6 | 5 | 5 | ND | | | |
| OP, mixed isomers | Multiple 140-66-9, 1806-26-4, 27193-28-8 | 5 | 5 | ND | | | |

1B) Anti-Microbials & Biocides

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|-------------------------|---------------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw I001 | | | |
| o-Phenylphenol (+salts) | 90-43-7 | 100 | 100 | ND | | | |
| Triclosan | 3380-34-5 | 100 | 100 | ND | | | |
| Permethrin | Multiple 52645-53-1 | 500 | 500 | ND | | | |

1C) Chlorinated Parafins

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|-----------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw I001 | | | |
| MCCPs (C14-C17) | 85535-85-9 | 500 | 500 | ND | | | |
| SCCPs (C10-C13) | 85535-84-8 | 25 | 25 | ND | | | |

1D) Chlorobenzenes and Chlorotoluenes

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---|---|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw I001 | | | |
| 1,2-dichlorobenzene | 95-50-1 | 0.2 | 0.2 | ND | | | |
| Other isomers of mono-, di-, tri-, tetra-, penta-, and hexa- chlorobenzene and mono-, di-, tri-, tetra-, and penta- chlorotoluene | Multiple 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 | | | |



1E) Chlorophenols

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---------------------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| 2-chlorophenol | 95-57-8 | 0.5 | 0.5 | ND | | | |
| 2,3-dichlorophenol | 576-24-9 | 0.5 | 0.5 | ND | | | |
| 2,3,4-trichlorophenol | 15950-66-0 | 0.5 | 0.5 | ND | | | |
| 2,3,5-trichlorophenol | 933-78-8 | 0.5 | 0.5 | ND | | | |
| 2,3,6-trichlorophenol | 933-75-5 | 0.5 | 0.5 | ND | | | |
| 2,4-dichlorophenol | 120-83-2 | 0.5 | 0.5 | ND | | | |
| 2,4,5-trichlorophenol | 95-95-4 | 0.5 | 0.5 | ND | | | |
| 2,4,6-trichlorophenol | 88-06-2 | 0.5 | 0.5 | ND | | | |
| 2,5-dichlorophenol | 583-78-8 | 0.5 | 0.5 | ND | | | |
| 2,6-dichlorophenol | 87-65-0 | 0.5 | 0.5 | ND | | | |
| 3-chlorophenol | 108-43-0 | 0.5 | 0.5 | ND | | | |
| 3,4-dichlorophenol | 95-77-2 | 0.5 | 0.5 | ND | | | |
| 3,4,5-trichlorophenol | 609-19-8 | 0.5 | 0.5 | ND | | | |
| 3,5-dichlorophenol | 591-35-5 | 0.5 | 0.5 | ND | | | |
| 4-chlorophenol | 106-48-9 | 0.5 | 0.5 | ND | | | |
| Pentachlorophenol (PCP) | 87-86-5 | 0.5 | 0.5 | ND | | | |
| 2,3,5,6-tetrachlorophenol | 935-95-5 | 0.5 | 0.5 | ND | | | |
| 2,3,4,6-tetrachlorophenol | 58-90-2 | 0.5 | 0.5 | ND | | | |
| 2,3,4,5-tetrachlorophenol | 4901-51-3 | 0.5 | 0.5 | ND | | | |

1F) N,N-di-methylformamide (DMFa)

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|--|------------|-----------------|------|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Dimethyl formamide; N,N-dimethylformamide (DMFa) | 68-12-2 | 1000 | 1000 | ND | | | |



1G) Dyes - Carcinogenic or Equivalent Concern

USEPA 8321B:2007, LC-MS

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|--|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Basic violet 3 with >0.1% of Michler's Ketone | 548-62-9 | 500 | 500 | ND | | | |
| C.I. Acid Red 26 | 3761-53-3 | 500 | 500 | ND | | | |
| C.I. Acid Violet 49 | 1694-09-3 | 500 | 500 | ND | | | |
| C.I. Basic Blue 26 with Michler's Ketone >0.1% | 2580-56-5 | 500 | 500 | ND | | | |
| C.I. Basic Green 4 (Malachite Green Chloride) | 569-64-2 | 500 | 500 | ND | | | |
| C.I. Basic Green 4 (Malachite Green Oxalate) | 2437-29-8 | 500 | 500 | ND | | | |
| C.I. Basic Green 4 (Malachite Green) | 10309-95-2 | 500 | 500 | ND | | | |
| C.I. Basic Red 9 | 569-61-9 | 500 | 500 | ND | | | |
| C.I. Basic Violet 14 | 632-99-5 | 500 | 500 | ND | | | |
| C.I. Direct Black 38 | 1937-37-7 | 500 | 500 | ND | | | |
| C.I. Direct Blue 6 | 2602-46-2 | 500 | 500 | ND | | | |
| C.I. Direct Red 28 | 573-58-0 | 500 | 500 | ND | | | |
| C.I. Disperse Blue 1 | 2475-45-8 | 500 | 500 | ND | | | |
| C.I. Disperse Blue 3 | 2475-46-9 | 500 | 500 | ND | | | |
| C.I. Disperse Orange 11 | 82-28-0 | 500 | 500 | ND | | | |

1H) Dyes - Disperse (Allergenic)

USEPA 8321B:2007, LC-MS

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|--------------------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Disperse Blue 102 | 12222-97-8 | 50 | 50 | ND | | | |
| Disperse Blue 106 | 12223-01-7 | 50 | 50 | ND | | | |
| Disperse Blue 124 | 61951-51-7 | 50 | 50 | ND | | | |
| Disperse Blue 26 | 3860-63-7 | 50 | 50 | ND | | | |
| Disperse Blue 35 | 12222-75-2 | 50 | 50 | ND | | | |
| Disperse Blue 35 | 56524-77-7 | 50 | 50 | ND | | | |
| Disperse Blue 7 | 3179-90-6 | 50 | 50 | ND | | | |
| Disperse Brown 1 | 23355-64-8 | 50 | 50 | ND | | | |
| Disperse Orange 1 | 2581-69-3 | 50 | 50 | ND | | | |
| Disperse Orange 3 | 730-40-5 | 50 | 50 | ND | | | |
| Disperse Orange 37/59/76 | 13301-61-6 | 50 | 50 | ND | | | |
| Disperse Red 1 | 2872-52-8 | 50 | 50 | ND | | | |
| Disperse Red 11 | 2872-48-2 | 50 | 50 | ND | | | |
| Disperse Red 17 | 3179-89-3 | 50 | 50 | ND | | | |
| Disperse Yellow 1 | 119-15-3 | 50 | 50 | ND | | | |
| Disperse Yellow 3 | 2832-40-8 | 50 | 50 | ND | | | |
| Disperse Yellow 39 | 12236-29-2 | 50 | 50 | ND | | | |
| Disperse Yellow 49 | 54824-37-2 | 50 | 50 | ND | | | |
| Disperse Yellow 9 | 6373-73-5 | 50 | 50 | ND | | | |

1I) Dyes - Navy Blue Colourant

USEPA 8321B:2007, LC-MS

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---|---------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Component 1: C ₃₉ H ₂₃ Cl-CrN ₇ O ₁₂ S ₂ 2Na | 118685-33-9 | NA | NA | NA | | | |
| Component 2: C ₄₆ H ₃₀ CrN ₁₀ O ₂₀ S ₂ 3Na | Not allocated | | | | | | |



1J) Flame Retardants

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|--|------------------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Boric acid | 10043-35-3, 11113-50-1 | 500 | 500 | ND | | | |
| Diboron trioxide | 1303-86-2 | 500 | 500 | ND | | | |
| Disodium octaborate | 12008-41-2 | 500 | 500 | ND | | | |
| Disodium tetraborate, anhydrous | 1303-96-4, 1330-43-4 | 500 | 500 | ND | | | |
| Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | 500 | 500 | ND | | | |
| Hexabromocyclodecane (HBCDD) | 3194-55-6 | 25 | 25 | ND | | | |
| 2,2-bis(bromomethyl)-1,3-propanediol (BBMP) | 3296-90-0 | 25 | 25 | ND | | | |
| Polybromobiphenyls (PBB) | 59536-65-1 | 25 | 25 | ND | | | |
| Monobromobiphenyls (MonoBB) | Multiple | 25 | 25 | ND | | | |
| Monobromodiphenylethers (MonoBDEs) | Multiple | 25 | 25 | ND | | | |
| Dibromobiphenyls (DiBB) | Multiple | 25 | 25 | ND | | | |
| Dibromopropylether | 21850-44-2 | 25 | 25 | ND | | | |
| Tribromophenylethers (TriBDEs) | Multiple | 25 | 25 | ND | | | |
| Tetrabromodiphenyl ether (TetraBDE) | 40088-47-9 | 25 | 25 | ND | | | |
| Pentabromodiphenyl ether (PentaBDE) | 32534-81-9 | 25 | 25 | ND | | | |
| Hexabromodiphenyl ether (HexaBDE) | 36483-60-0 | 25 | 25 | ND | | | |
| Heptabromodiphenyl ether (HeptaBDE) | 68928-80-3 | 25 | 25 | ND | | | |
| Octabromobiphenyls (OctaBB) | Multiple | 25 | 25 | ND | | | |
| Octabromodiphenyl ether (OctaBDE) | 32536-52-0 | 25 | 25 | ND | | | |
| Nonabromobiphenyls (NonaBB) | Multiple | 25 | 25 | ND | | | |
| Nonabromodiphenyl ether (NonaBDE) | 63936-56-1 | 25 | 25 | ND | | | |
| Decabromobiphenyl (DecaBB) | 13654-09-6 | 25 | 25 | ND | | | |
| Decabromophenyl ether (DecaBDE) | 1163-19-5 | 25 | 25 | ND | | | |
| Tetrabromobisphenol A (TBBPA) | 79-94-7 | 25 | 25 | ND | | | |
| Bis(2,3-dibromopropyl) phosphate (BDBPP) | 5412-25-9 | 25 | 25 | ND | | | |
| Tris-(2-chloro-1-methylethyl) phosphate (TCPP) | 13674-84-5 | 25 | 25 | ND | | | |
| Tris(1-aziridinyl) phosphone oxide (TEPA) | 545-55-1 | 25 | 25 | ND | | | |
| Tris(1,3-dichloro-isopropyl) phosphate (TDCP) | 13674-87-8 | 25 | 25 | ND | | | |
| Tris(2-chloroethyl) phosphate (TCEP) | 115-96-8 | 25 | 25 | ND | | | |
| Tris(2,3-dibromopropyl) phosphate (TRIS) | 126-72-7 | 25 | 25 | ND | | | |

Footnote for boron flame retardant: Limit refers to the total elemental boron via ICP. If the total elemental boron content is higher than 500 µg/L, then all five boron flame retardant are non-conformant.

1K) Glycols / Glycol Ethers

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|-----------------------------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| 2-ethoxyethanol | 110-80-5 | 50 | 50 | ND | | | |
| 2-ethoxyethyl acetate | 111-15-9 | 50 | 50 | ND | | | |
| 2-methoxyethanol | 109-86-4 | 50 | 50 | ND | | | |
| 2-methoxyethylacetate | 110-49-6 | 50 | 50 | ND | | | |
| 2-methoxypropylacetate | 70657-70-4 | 50 | 50 | ND | | | |
| Bis(2-methoxyethyl)-ether | 111-96-6 | 50 | 50 | ND | | | |
| Ethylene glycol dimethyl ether | 110-71-4 | 50 | 50 | ND | | | |
| Triethylene glycol dimethyl ether | 112-49-2 | 50 | 50 | ND | | | |

BUREAU
VERITAS**1L) Halogenated Solvents**

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---------------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| 1,2-dichloroethane | 107-06-2 | 1 | 1 | ND | | | |
| Methylene chloride | 75-09-2 | 1 | 1 | ND | | | |
| Tetrachloroethylene | 127-18-4 | 1 | 1 | ND | | | |
| Trichloroethylene | 79-01-6 | 1 | 1 | ND | | | |

1M) Organotin Compounds

ISO 17353:2004 ,GC-MS

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|--|--|-----------------|------|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Dipropyltin compounds (DPT) | Multiple 867-36-7 | 0.01 | 0.01 | ND | | | |
| Mono, di-, and tri-butyltin derivatives | Multiple 1118-46-3, 1461-22-9 | 0.01 | 0.01 | ND | | | |
| Mono, di-, and tri-methyltin derivatives | Multiple 993-16-8, 753-73-1, 1066-45-1 | 0.01 | 0.01 | ND | | | |
| Mono, di-, and tri-octyltin derivatives | Multiple 3091-25-6, 3542-36-7, 2587-76-0 | 0.01 | 0.01 | ND | | | |
| Mono, di-, and tri-phenyltin derivatives | Multiple 1124-19-2, 1135-99-5, 639-58-7 | 0.01 | 0.01 | ND | | | |
| Tetraethyltin compounds (TeET) | Multiple 1461-25-2 | 0.01 | 0.01 | ND | | | |
| Tetraoctyltin compounds (TeOT) | Multiple 597-64-8 | 0.01 | 0.01 | ND | | | |
| Tetraoctyltin compounds (TeOT) | Multiple 3590-84-9 | 0.01 | 0.01 | ND | | | |
| Tricyclohexyltin (TCyHT) | Multiple 3091-32-5 | 0.01 | 0.01 | ND | | | |
| Tripropyltin compounds (TPT) | Multiple 2279-76-7 | 0.01 | 0.01 | ND | | | |

1N) Other / Miscellaneous Chemicals

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---------------------------------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| AEAA [2-(2-aminoethylamino)ethanol] | 111-41-1 | 500 | 500 | ND | | | |
| Bisphenol A | 80-05-7 | 10 | 10 | ND | | | |
| Borate (Borate, zinc salt) | 12767-90-7 | 100 | 100 | ND | | | |
| Zinc salt (Borate, zinc salt) | | 100 | 100 | ND | | | |
| Quinoline | 91-22-5 | 50 | 50 | ND | | | |
| Silica (particles of respirable size) | 14464-46-1 | NA | NA | NA | | | |
| Thiourea | 62-56-6 | 50 | 50 | ND | | | |

Footnote for borate, zinc salt: Limit refers to boron and zinc individually, not the salt. Total boron and total zinc values should be less than 100 µg/L to be conformant. When total boron is >100 µg/L and total zinc is <100 µg/L (or vice versa), the sample is still conformant.



10) Perfluorinated and Polyfluorinated Chemicals (PFCs)

USEPA 8321B: 2007, LC-MSMS

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---|--------------------|-----------------|------|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Perfluorooctane sulfonate (PFOS) and related substances | Multiple 1763-23-1 | 0.01 | 0.01 | ND | | | |
| Perfluorooctanoic acid (PFOA) and related substances | Multiple 335-67-1 | 1 | 1 | ND | | | |

1P) Phthalates - including all other esters of ortho-phthalic acid

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|--|---------------------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| 1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP) | 71888-89-6/ 84777-06-0 | 10 | 10 | ND | | | |
| 1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP) | 68515-42-4/ 68515-50-4 | 10 | 10 | ND | | | |
| Bis(2-methoxyethyl)phthalate (DMEP) | 117-82-8 | 10 | 10 | ND | | | |
| Butyl benzyl phthalate (BBP) | 85-68-7 | 10 | 10 | ND | | | |
| Di-cyclohexyl phthalate (DCHP) | 84-61-7 | 10 | 10 | ND | | | |
| Di-iso-decyl phthalate (DIDP) | 26761-40-0 | 10 | 10 | ND | | | |
| Di-iso-octyl phthalate (DIOP) | 27554-26-3 | 10 | 10 | ND | | | |
| Di-iso-butyl phthalate (DIBP) | 84-69-5 | 10 | 10 | ND | | | |
| Di-iso-nonyl phthalate (DINP) | 28553-12-0 | 10 | 10 | ND | | | |
| Di-n-hexyl phthalate (DnHP) | 84-75-3 | 10 | 10 | ND | | | |
| Di-n-octyl phthalate (DNOP) | 117-84-0 | 10 | 10 | ND | | | |
| Di-n-pentylphthalates | 131-18-0 | 10 | 10 | ND | | | |
| Di-n-propyl phthalate (DPRP) | 131-16-8 | 10 | 10 | ND | | | |
| Di(ethylhexyl) phthalate (DEHP) | 117-81-7 | 10 | 10 | ND | | | |
| Dibutyl phthalate (DBP) | 84-74-2 | 10 | 10 | ND | | | |
| Diethyl phthalate (DEP) | 84-66-2 | 10 | 10 | ND | | | |
| Diisopentylphthalates | 605-50-5 | 10 | 10 | ND | | | |
| Dinonyl phthalate (DNP) | 84-76-4 | 10 | 10 | ND | | | |



1Q) Polycyclic Aromatic Hydrocarbons (PAHs)

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|------------------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw I001 | | | |
| Acenaphthene | 83-32-9 | 1 | 1 | ND | | | |
| Acenaphthylene | 208-96-8 | 1 | 1 | ND | | | |
| Anthracene | 120-12-7 | 1 | 1 | ND | | | |
| Benzo[a]anthracene | 56-55-3 | 1 | 1 | ND | | | |
| Benzo[a]pyrene | 50-32-8 | 1 | 1 | ND | | | |
| Benzo[b]fluoranthene | 205-99-2 | 1 | 1 | ND | | | |
| Benzo[e]pyrene | 192-97-2 | 1 | 1 | ND | | | |
| Benzo[ghi]perylene | 191-24-2 | 1 | 1 | ND | | | |
| Benzo[j]fluoranthene | 205-82-3 | 1 | 1 | ND | | | |
| Benzo[k]fluoranthene | 207-08-9 | 1 | 1 | ND | | | |
| Chrysene | 218-01-9 | 1 | 1 | ND | | | |
| Dibenz[a,h]anthracene | 53-70-3 | 1 | 1 | ND | | | |
| Fluoranthene | 206-44-0 | 1 | 1 | ND | | | |
| Fluorene | 86-73-7 | 1 | 1 | ND | | | |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 1 | 1 | ND | | | |
| Naphthalene | 91-20-3 | 1 | 1 | ND | | | |
| Phenanthrene | 85-01-8 | 1 | 1 | ND | | | |
| Pyrene | 129-00-0 | 1 | 1 | ND | | | |



1R) Restricted Aromatic Amines (Cleavable from Azo-colourants)

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| 2-naphthylamine | 91-59-8 | 0.1 | 0.1 | ND | | | |
| 2-naphthylammoniumacetate | 553-00-4 | 0.1 | 0.1 | ND | | | |
| 2,4-xylidine | 95-68-1 | 0.1 | 0.1 | ND | | | |
| 2,4,5-trimethylaniline | 137-17-7 | 0.1 | 0.1 | ND | | | |
| 2,4,5-trimethylaniline hydrochloride | 21436-97-5 | 0.1 | 0.1 | ND | | | |
| 2,6-xylidine | 87-62-7 | 0.1 | 0.1 | ND | | | |
| 3,3-dichlorobenzidine | 91-94-1 | 0.1 | 0.1 | ND | | | |
| 3,3-dimethoxybenzidine | 119-90-4 | 0.1 | 0.1 | ND | | | |
| 3,3-dimethylbenzidine | 119-93-7 | 0.1 | 0.1 | ND | | | |
| 4-aminoazobenzene | 60-09-3 | 0.1 | 0.1 | ND | | | |
| 4-aminodiphenyl | 92-67-1 | 0.1 | 0.1 | ND | | | |
| 4-chloro-o-toluidine | 95-69-2 | 0.1 | 0.1 | ND | | | |
| 4-chloro-o-toluidinium chloride | 3165-93-3 | 0.1 | 0.1 | ND | | | |
| 4-chloroaniline | 106-47-8 | 0.1 | 0.1 | ND | | | |
| 4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisoole sulphate | 39156-41-7 | 0.1 | 0.1 | ND | | | |
| 4-methoxy-m-phenylenediamine | 615-05-4 | 0.1 | 0.1 | ND | | | |
| 4-methyl-m-phenylenediamine | 95-80-7 | 0.1 | 0.1 | ND | | | |
| 4,4-methylene-bis-(2-chloro-aniline) | 101-14-4 | 0.1 | 0.1 | ND | | | |
| 4,4-methylenedi-o-toluidine | 838-88-0 | 0.1 | 0.1 | ND | | | |
| 4,4-methylenedianiline | 101-77-9 | 0.1 | 0.1 | ND | | | |
| 4,4-oxydianiline | 101-80-4 | 0.1 | 0.1 | ND | | | |
| 4,4-thiodianiline | 139-65-1 | 0.1 | 0.1 | ND | | | |
| 5-nitro-o-toluidine | 99-55-8 | 0.1 | 0.1 | ND | | | |
| 6-methoxy-m-toluidine | 120-71-8 | 0.1 | 0.1 | ND | | | |
| Benzidine | 92-87-5 | 0.1 | 0.1 | ND | | | |
| o-aminoazotoluene | 97-56-3 | 0.1 | 0.1 | ND | | | |
| o-anisidine | 90-04-0 | 0.1 | 0.1 | ND | | | |
| o-toluidine | 95-53-4 | 0.1 | 0.1 | ND | | | |

1S) UV Absorbers

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|---|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350) | 36437-37-3 | 100 | 100 | ND | | | |
| 2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328) | 25973-55-1 | 100 | 100 | ND | | | |
| 2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320) | 3846-71-7 | 100 | 100 | ND | | | |
| 2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327) | 3864-99-1 | 100 | 100 | ND | | | |



1T) Volatile Organic Compounds (VOC)

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

| Test Parameters | CAS Number | Reporting Limit | | Result (µg/L) | | | |
|-----------------|------------|-----------------|-----|---------------|--|--|--|
| | | TEXTILE | Lab | Raw 1001 | | | |
| Benzene | 71-43-2 | 1 | 1 | ND | | | |
| m-cresol | 108-39-4 | 1 | 1 | ND | | | |
| o-cresol | 95-48-7 | 1 | 1 | ND | | | |
| p-cresol | 106-44-5 | 1 | 1 | ND | | | |
| Toluene | 108-88-3 | 1 | 1 | ND | | | |
| Xylene | 1330-20-7 | 1 | 1 | ND | | | |



2) Test result - Wastewater / Metals

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

| Test Parameters | Reporting limit, TEXTILE | | | | Legal limit# | Result (mg/L) | | | |
|-----------------|--------------------------|-------------|--------------|-------|--------------|---------------|--|--|--|
| | Foundational | Progressive | Aspirational | Lab | | Effluent 1002 | | | |
| Antimony | 0.1 | 0.05 | 0.01 | 0.01 | - | NA | | | |
| Chromium (VI) | 0.05 | 0.005 | 0.001 | 0.001 | - | ND | | | |
| Barium | Sample & report | | | 1 | - | NA | | | |
| Selenium | Sample & report | | | 1 | - | NA | | | |
| Tin | Sample & report | | | 1 | - | NA | | | |
| Arsenic | 0.05 | 0.01 | 0.005 | 0.005 | - | ND | | | |
| Total Chromium | 0.2 | 0.1 | 0.05 | 0.05 | - | NA | | | |
| Cobalt | 0.05 | 0.02 | 0.01 | 0.01 | - | NA | | | |
| Cadmium | 0.1 | 0.05 | 0.01 | 0.01 | - | ND | | | |
| Copper | 1 | 0.5 | 0.25 | 0.25 | - | NA | | | |
| Lead | 0.1 | 0.05 | 0.01 | 0.01 | - | ND | | | |
| Nickel | 0.2 | 0.1 | 0.05 | 0.05 | - | NA | | | |
| Silver | 0.1 | 0.05 | 0.005 | 0.005 | - | NA | | | |
| Zinc | 5 | 1 | 0.5 | 0.5 | - | NA | | | |
| Mercury | 0.1 | 0.005 | 0.001 | 0.001 | - | ND | | | |

Legal requirement based on regulation or standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters.

3) Test result - Wastewater / Conventional and Anions

| Test Parameters | Test Method | Reporting limit, TEXTILE | | | | Legal limit [#] | Result | | Unit |
|------------------------|--------------------|---|-------------|--------------|-----|--------------------------|---------------|--|---------------------|
| | | Foundational | Progressive | Aspirational | Lab | | Effluent I002 | | |
| pH | HJ 1147-2020 | 6-9 | | | NA | - | NA | | pH |
| Temperature difference | GB/T 13195-1991 | Δ+15 | Δ+10 | Δ+5 | NA | - | NA | | °C |
| E.coli | SM 9221B, SM 9221F | 126 MPN/100-ml | | | 126 | - | NA | | MPN/100-ml |
| Colour (436 nm) | ISO 7887-B:2011 | 7 | 5 | 2 | NA | - | NA | | m-1 |
| Colour (525 nm) | | 5 | 3 | 1 | NA | - | NA | | |
| Colour (620 nm) | | 3 | 2 | 1 | NA | - | NA | | |
| Persistent foam | Visual estimation | No indication of persistent foam in receiving water | | | NA | - | NA | | - |
| Wastewater flowrate | - | 15 m ³ /day | | | NA | - | NA | | m ³ /day |
| Ammonium-Nitrogen | HJ 535-2009 | 10 | 1 | 0.5 | 0.5 | - | NA | | mg/L |
| AOX | HJ/T 83-2001 | 3 | 0.5 | 0.1 | 0.1 | - | NA | | mg/L |
| BOD ₅ | HJ 505-2009 | 30 | 15 | 8 | 8 | - | NA | | mg/L |
| COD | HJ 828-2017 | 150 | 80 | 40 | 40 | - | NA | | mg/L |
| DO | HJ 506-2009 | ≥ 4 | | | - | - | NA | | mg/L |
| Oil & Grease | HJ 637-2018 | 10 | 2 | 0.5 | 0.5 | - | NA | | mg/L |

Legal requirement based on regulation or standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters.

3) Test result - Wastewater / Conventional and Anions (continue)

| Test Parameters | Test Method | Reporting limit, TEXTILE | | | | Legal limit# | Result | | Unit |
|------------------------------|------------------|--------------------------|-------------|--------------|-------|--------------|---------------|--|------|
| | | Foundational | Progressive | Aspirational | Lab | | Effluent I002 | | |
| Total Phenols / Phenol Index | HJ 503-2009 | 0.5 | 0.01 | 0.001 | 0.001 | - | NA | | mg/L |
| Total Chlorine | HJ 586-2010 | 1 | | | - | - | NA | | mg/L |
| TDS | GB/T 5750.4-2006 | Sample & report | | | - | - | NA | | mg/L |
| Total Nitrogen | HJ 636-2012 | 20 | 10 | 5 | 5 | - | NA | | mg/L |
| Total Phosphorus | GB/T 11893-1989 | 3 | 0.5 | 0.1 | 0.1 | - | NA | | mg/L |
| TSS | GB/T 11901-1989 | 50 | 15 | 5 | 5 | - | NA | | mg/L |
| Chloride | HJ 84-2016 | Sample & report | | | - | - | NA | | mg/L |
| Cyanide, total | HJ 484-2009 | 0.2 | 0.1 | 0.05 | 0.05 | - | NA | | mg/L |
| Sulphate | HJ 84-2016 | Sample & report | | | - | - | NA | | mg/L |
| Sulphide | HJ 1226-2021 | 0.5 | 0.05 | 0.01 | 0.01 | - | NA | | mg/L |
| Sulphite | HJ 84-2016 | 2 | 0.5 | 0.2 | 0.2 | - | NA | | mg/L |

Legal requirement based on regulation or standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters.



4A) Test result - Sludge / MRSL Sludge - AP & APEOs **Sludge Disposal Pathway = A**

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

| Test Parameters | CAS Number | Reporting Limit | | Result | | | Unit |
|-------------------|---|-----------------|-----|-------------|--|--|-------|
| | | TEXTILE | Lab | Sludge 1003 | | | |
| NPEO | Multiple 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0 | 0.4 | 0.4 | ND | | | mg/kg |
| NP, mixed isomers | Multiple 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3 | 0.4 | 0.4 | ND | | | mg/kg |
| OPEO | Multiple 9002-93-1, 9036-19-5, 68987-90-6 | 0.4 | 0.4 | ND | | | mg/kg |
| OP, mixed isomers | Multiple 140-66-9, 1806-26-4, 27193-28-8 | 0.4 | 0.4 | ND | | | mg/kg |

Sludge - PAHs

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

| Test Parameters | CAS Number | Reporting Limit | | Result | | | Unit |
|------------------------|------------|-----------------|-----|-------------|--|--|-------|
| | | TEXTILE | Lab | Sludge 1003 | | | |
| 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 | 207-08-9 | 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 |

Sludge - Chlorotoluenes

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

| Test Parameters | CAS Number | Reporting Limit | | Result | | | Unit |
|--|--|-----------------|-----|-------------|--|--|-------|
| | | TEXTILE | Lab | Sludge 1003 | | | |
| Other isomers of mono-, di-, tri-, tetra-, and penta-chlorotoluene | Multiple 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 | | | mg/kg |



BUREAU
VERITAS

4B) Test result - Sludge / Metals **Sludge Disposal Pathway = A**

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

| Test Parameters | Reporting Limit | | Maximum Total Metals Limits Disposal Pathway G | Threshold Values | Result | | | Unit |
|-----------------|-----------------|-----|---|------------------|-------------|--|--|-------|
| | TEXTILE | Lab | | | Sludge 1003 | | | |
| Antimony | 5 | 5 | NA | 12 | NA | | | mg/kg |
| Arsenic | 5 | 5 | 41 | 10 | NA | | | mg/kg |
| Barium | 200 | 200 | 500 | 700 | NA | | | mg/kg |
| Cadmium | 1 | 1 | 39 | 3 | NA | | | mg/kg |
| Cobalt | 400 | 400 | NA | 1600 | NA | | | mg/kg |
| Copper | 50 | 50 | 1500 | 200 | NA | | | mg/kg |
| Lead | 5 | 5 | 400 | 10 | NA | | | mg/kg |
| Nickel | 20 | 20 | 420 | 70 | NA | | | mg/kg |
| Selenium | 5 | 5 | 36 | 10 | NA | | | mg/kg |
| Silver | 50 | 50 | NA | 100 | NA | | | mg/kg |
| Zinc | 400 | 400 | 2800 | 1000 | NA | | | mg/kg |
| Total Chromium | 50 | 50 | 1200 | 100 | NA | | | mg/kg |
| Chromium (VI) | 20 | 20 | 50 | 50 | NA | | | mg/kg |
| Mercury | 1 | 1 | 17 | 1 | NA | | | mg/kg |

Test result - Leachate / Metals **Sludge Disposal Pathway = A**

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

| Test Parameters | Reporting Limit | Sludge disposal pathway | | | | | Result | Unit |
|-----------------|-----------------|-------------------------|-------|------|------|------|--------|------|
| | Lab | A, B, C | D | E | F | G | | |
| Antimony | - | NA | 7.8 | 0.6 | 0.6 | 0.6 | NA | mg/L |
| Arsenic | - | NA | 2.75 | 0.5 | 0.5 | 0.5 | NA | mg/L |
| Barium | - | NA | 67.5 | 35 | 35 | 35 | NA | mg/L |
| Cadmium | - | NA | 0.58 | 0.15 | 0.15 | 0.15 | NA | mg/L |
| Cobalt | - | NA | 80 | 80 | 80 | 80 | NA | mg/L |
| Copper | - | NA | 17.5 | 10 | 10 | 10 | NA | mg/L |
| Lead | - | NA | 2.75 | 0.5 | 0.5 | 0.5 | NA | mg/L |
| Nickel | - | NA | 11.75 | 3.5 | 3.5 | 3.5 | NA | mg/L |
| Selenium | - | NA | 0.75 | 0.5 | 0.5 | 0.5 | NA | mg/L |
| Silver | - | NA | 5 | 5 | 5 | 5 | NA | mg/L |
| Zinc | - | NA | 50 | 50 | 50 | 50 | NA | mg/L |
| Total Chromium | - | NA | 5 | 5 | 5 | 5 | NA | mg/L |
| Chromium (VI) | - | NA | 3.75 | 2.5 | 2.5 | 2.5 | NA | mg/L |
| Mercury | - | NA | 0.125 | 0.05 | 0.05 | 0.05 | NA | mg/L |



4C) Test result - Sludge / Conventional & Anion Sludge Disposal Pathway = A

| Test Parameters | Test Method | Reporting Limit | Sludge disposal pathway | | | | | Result | | | Unit |
|-------------------|----------------|-----------------|-------------------------|------|------|-------|-------|-------------|--|--|-------|
| | | Lab | A, B, C | D | E | F | G | Sludge 1003 | | | |
| pH | HJ 962-2018 | NA | NA | 5-11 | 5-11 | 6.5-9 | 6.5-9 | NA | | | - |
| Fecal Coliform | EPA 1681:2006 | - | NA | NA | NA | <1000 | <1000 | NA | | | MPN/g |
| % Solids | HJ 613-2011 | NA | Sample & report | | | | | 27.4 | | | % |
| Paint Filter Test | EPA 9095B:2004 | NA | NA | Pass | Pass | Pass | Pass | NA | | | - |
| Cyanide | HJ 745-2015 | 70 | NA | 85 | 70 | 70 | 70 | NA | | | mg/kg |

Appendix A - Discharge limit according to regulation

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 | 印染废水排放口1 | 可吸附有机卤化物 | 12 |
| DW001 | 印染废水排放口1 | 色度 | 80mg/L |
| DW001 | 印染废水排放口1 | 氨氮 (NH ₃ -N) | 20mg/L |
| DW001 | 印染废水排放口1 | pH值 | 6-9mg/L |
| DW001 | 印染废水排放口1 | 总磷 (以P计) | 1.5 |
| DW001 | 印染废水排放口1 | 悬浮物 | 100 |
| DW001 | 印染废水排放口1 | 硫化物 | 0.5 |
| DW001 | 印染废水排放口1 | 化学需氧量 | 500mg/L |
| DW001 | 印染废水排放口1 | 五日生化需氧量 | 150 |
| DW001 | 印染废水排放口1 | 总镉 | 0.1 |
| DW001 | 印染废水排放口1 | 二氧化氯 | 0.5 |
| DW001 | 印染废水排放口1 | 总氮 (以N计) | 30mg/L |
| DW001 | 印染废水排放口1 | 苯胺类 | 1.0 |
| 主要排放口合计 | | | CODcr |
| | | | 氨氮 |
| | | | 总氮 (以N计) |

Appendix B - Photos of sampling points and samples (with relative time and date)

Photo of sampling point
14/03/2025, 9:30



Untreated wastewater

Photo of sample (labelled sample bottle)
14/03/2025, 15:30



Untreated wastewater

Photo of sampling point
14/03/2025, 9:35



Effluent

Photo of sample (labelled sample bottle)
14/03/2025, 15:35



Effluent

Photo of persistent foam
14/03/2025, 9:35



Effluent

Appendix B - Photos of sampling points and samples (with relative time and date) (continue)

Photo of sampling point
14/03/2025, 10:00



Sludge

Photo of sample (labelled sample bottle)
14/03/2025, 10:00



Sludge

Appendix C - Field Data Form

| | |
|--|---------------------------|
|  <p>ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration</p> | 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 | 2025.3.14 |
| Sample Number / Test Report Number (ZDHC Composite Sample Code): 报告号 | 66250730916 |
| Facility Name: 工厂名称 | 浙江越印印学有限公司 |
| Facility Address: 工厂地址 | 浙江省绍兴市柯桥区马鞍街道滨海工业区北1路 |
| 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 checked="" type="checkbox"/> Indirect discharge 间接排放 <input type="checkbox"/> with 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 |
| Discharge Description: 排放说明 | <input type="checkbox"/> Discharge to environment (e.g. river/river, stream/溪流, sea/ocean) <input type="checkbox"/> Other (please specify) 其他 (请注明) <input checked="" type="checkbox"/> Sewage treatment plant 污水处理厂 |
| Discharge Volume: 排放量 | <input checked="" type="checkbox"/> > 15m ³ per day >每天 >15m ³ <input type="checkbox"/> < 15m ³ per day <每天 <15m ³ |

| Sample Type and Details 样品类型和详细信息 | |
|--|--|
| Sample Type | Sample Details |
| <input type="checkbox"/> Incoming Water 进水 | |
| <input type="checkbox"/> Untreated WW 未处理 | <input type="checkbox"/> with equalisation tank (EQT) present 存在均质池 (EQT) Hydraulic Retention Time (HRT) (Hours): 水力停留时间 (HRT) (小时) <u>12h</u> <small>= volume of tank (m³) / flow rate (m³/h) if HRT > 12 h, grab sampling from EQT is allowed.</small> |
| <input type="checkbox"/> Effluent 排放物 | <input type="checkbox"/> Direct 直接排放 <input checked="" type="checkbox"/> Indirect 间接排放 Enter sampling time(s) in page 2 and take field test measurements in section 2.1 of the ZDHC SAP. <input type="checkbox"/> Facility has no field test measurements required except on client's request. <input checked="" type="checkbox"/> Plant is in operating condition. <input type="checkbox"/> Facility has no field test measurements required except on client's request. <input type="checkbox"/> Plant is in operating condition. <input type="checkbox"/> with equalisation tank (EQT) present 存在均质池 (EQT) Hydraulic Retention Time (HRT) (Hours): 水力停留时间 (HRT) (小时) <u>12h</u> <small>= 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 中抓取取样。</small> |
| <input type="checkbox"/> Sludge 污泥 | 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.) <input checked="" type="checkbox"/> A >1000°C 场外焚烧 <input type="checkbox"/> B 有重大控制措施的填埋 <input type="checkbox"/> C 建筑材料加工 >1000°C <input type="checkbox"/> D 有限制控制的填埋 <input type="checkbox"/> E 建筑材料加工 <1000°C <input type="checkbox"/> >1000°C offsite incineration <input type="checkbox"/> Landfill with significant control <input type="checkbox"/> Building products processed >1000°C <input type="checkbox"/> Landfill with limited control <input type="checkbox"/> Incineration/ Building products processed <1000°C <input type="checkbox"/> F 无控制措施的填埋 <input type="checkbox"/> G 土地施用 <input type="checkbox"/> Landfill with no control <input type="checkbox"/> Land application Sludge flux (weight/time) if applicable: 污泥流量 (重量/时间) (如适用) |

| 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. 废水样品是在工厂的正常生产规模和废水流速下采集的, 下面列出的采样员在现场采集了样本, 废水和污泥样品的取样方案符合 ZDHC SAP, 包括附录 E. In no circumstances shall samples be taken during times when the production process is not running or the wastewater is diluted, for example due to heavy rainfall. 在任何情况下, 当生产过程未运行或废水被稀释时, 例如由于强降雨, 都不要采样。 | |
| Facility Confirmation | Sampler Information |
| Facility Name: 工厂名 | Sampler's Name/ Email: 采样员姓名/电子邮件 |
| Facility Representative Name: 工厂负责人 | Sampler's ZDHC Accredited No.: 采样员的 ZDHC 证书编号 |
| Facility Representative Signature and Stamp: 工厂代表签名及盖章 | Sampler's Signature: 采样员签名 |
| Date: 日期 | Date: 日期 |



Appendix C - Field Data Form (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 | | | | | | | | | | CPSD-AN-00613-DATA 07 | |
|---|--|--|--|---|---|---|---|---|---|---------------------------|--|
| | | | | | | | | | | Issue Date: | |
| | | | | | | | | | | Version No.: 1 | |
| | | | | | | | | | | Business Line: Analytical | |
| 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 实验室控制样本 | Lab Control Sample (LCS) Measured 实验室对照样本 (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 平均的 | | | |
| 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 checked="" type="radio"/> Composite Sample 混合样品 <input type="radio"/> Grab Sample 瞬时采样 Start Time: 开始时间 9:10 Stop Time: 停止时间 15:50 | | | | | | | | | | | |
| Sampling Locations: 采样位置 | GPS coordinates: GPS坐标 | | Lat.: N / S 30°13'35.91" | Long.: E / W 120°41'33.791" | | | | | | | |
| 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 | | | |
| Recording time of discrete sample 记录离散样本的时间 | 9:10 | 10:10 | 11:10 | 12:10 | 13:10 | 14:10 | 15:10 | | | | |
| Colour (visual estimation): 颜色 (视觉估计) | 浑浊 | 浑浊 | 浑浊 | 浑浊 | 浑浊 | 浑浊 | 浑浊 | | | | |
| Effluent Sample Point 排放废水采样点 | | | | | | | | | | | |
| <input checked="" type="radio"/> Composite Sample 混合样品 <input type="radio"/> Grab Sample 瞬时采样 Start Time: 开始时间 9:10 Stop Time: 停止时间 15:50 | | | | | | | | | | | |
| Sampling Locations: 采样位置 | GPS coordinates: GPS坐标 | | Lat.: N / S 30°13'36.05" | Long.: E / W 120°41'35.851" | | | | | | | |
| 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 | | | |
| Recording time of discrete sample 记录离散样本的时间 | 9:35 | 10:35 | 11:35 | 12:35 | 13:35 | 14:35 | 15:35 | | | | |
| Temperature (°C): 温度 | WW Discharge 排放废水 | | Receiving Water 接收水 | | | | | | | | |
| | 37.7 | 38.1 | 38.3 | 37.5 | 38.5 | 37.9 | 38.3 | | | | |
| pH: | 7.7 | 7.7 | 7.6 | 7.8 | 7.7 | 7.7 | 7.7 | | | | |
| Dissolved Oxygen (mg/L): 溶解氧 | 1.42 | | | | | | | | | | |
| Total Chlorine (mg/L): 总氯 | 0.52 | | | | | | | | | | |
| Persistent Foam (Yes/No): 持久泡沫 | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / <input checked="" type="checkbox"/> | Yes / No | |
| Wastewater Flow Meter (L/min): 流速 | | | | | | | | | | | |
| Alternate Measured Flow: 替代测量流量 | Depth (cm) 深度 (厘米) | | Velocity (cm/sec) 流速 (厘米/秒) | | | | | | | | |
| Colour (visual estimation): 颜色 (视觉估计) | 浑浊 | 浑浊 | 浑浊 | 浑浊 | 浑浊 | 浑浊 | 浑浊 | | | | |
| 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-litres each hour for a total minimum volume of 20-litres 每小时收集3.33L, 以确保总收集量至少为20L. | | | | | | | | |
| Sludge Sample Point 污泥采样点 | | | | | | | | | | | |
| <input type="radio"/> Composite Sample 混合采样 Start Time: 开始时间 9:10 Stop Time: 停止时间 15:50 | | | | | | | | | | | |
| Sampling Locations: 采样位置 | GPS coordinates: GPS坐标 | | Lat.: N / S 30°13'33.94" | Long.: E / W 120°41'56.70" | | | | | | | |
| 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 | | | |
| Recording time of discrete sample 记录离散样本的时间 | 10:00 | | | | | | | | | | |
| Colour (visual estimation): 颜色 (视觉估计) | 棕色 | | | | | | | | | | |
| Comments/ Other Observations 其他备注 | | | | | | | | | | | |
| 排水量: 1000 m ³ /d. 污泥现场无渣液渣样品。 | | | | | | | | | | | |