

TEST REPORT

(7222)117-0158

Date Received

Technical Report

June 3rd ,2022

Factory Company Name: Factory Address: Project No.: Client Reference No.: Sampling Method:

GIZA SPINNING AND WEAVING COMPANY KAFR HAKIM, KERDASA, 12875 GIZA/EGYPT N/A N/A

Incoming water – Grab
I002) Raw Wastewater – 6 hours - Time – weighted Composite
I003) Treated Wastewater – 6 hours - Time – weighted Composite

Sample Pick Up Date: Wastewater Discharge to: **On-Site Effluent Treatment** Plant (ETP): Discharge Type: Off-site ETP name (if applicable): Off-site ETP address (if applicable): Local Regulation: / Ordinance / requirements related to wastewater discharged are followed: Permit Validation Date: Parameters Exceeded Local Regulation Legal compliance: **Conventional Parameters** Overall Category: Test Period:

May 30th,2022 Municipal ETP Yes

Indirect Discharge Abu Rawash Station ETB

Abu Rawash - Giza - Egypt

Fees In exchange for the burdens of treating wastewater for industrial facilities in accordance to Ministerial Resolution No. 44 of 2000. (See Appendix D)

The permit could not be validated N/A Comply

Comply with discharge license criteria

June 3rd,2022- June 22nd,2022

Sample Description:

1001) Colorless liquid – Incoming water 1002) Dark Red liquid– Raw Wastewater 1003) Light Yellow/Light Blue liquid – Treated Wastewater

Parameters exceeded maximum N/A holding time:

Bureau Veritas Consumer Products Services, Inc. Yalçın Koreş Caddesi No:22 Erdinç Binaları A Blok 2. Kule 1. Kat 34209 Güneşli, İstanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60 email:info.turkey@bvcps.com.tr website: www.bureauveritas.com/cps

This report is governed by, and incorporates by reference, CFS comparisons of service as posted at the date or issuance of this report at http://www.bureauveritas.com/home/babut-us/our-business/cps/about-us/ferms-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. You have 60 days from date of issuance of this report to notify us of any material error or or mission 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 you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents

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<u>REMARK1</u>: Analysis of Table-1A conventional parameters, except pH, temperature, heavy metals, coliform have subcontracted to local accredited laboratories. (Accreditation number no: AB-0363-T AB-0012-T AB-0241-T)

REMARK2: Please refer to discharge criteria of the offsite ETP attached at the end of this report.

REMARK

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

General enquiry and invoicing

Technical enquiry-Chemical

| Kerem Can | Kerem.can@bureauveritas.com |
|--------------|--------------------------------|
| Ayca Cevikus | Ayca.cevikus@bureauveritas.com |

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.

PREPARED BY:

Ayca Cevikus MEA CDM &CSR Manager

Kerem Can General Manager, CPS Turkey

1 mil



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Executive Summary

| 1A) Conventional | I001 | 1002 | I003 |
|---|------|------|------|
| Temperature | | | N/A |
| TSS | | | |
| COD | | | |
| Total-N | | | N/A |
| pH Value | | | |
| Color [m ⁻¹] (436nm; 525nm; 620nm) | | | N/A |
| BOD ₅ | | NR | |
| Ammonium-N | NR | | N/A |
| Total-P | | | N/A |
| AOX | | | N/A |
| Oil and Grease | | | |
| Phenol | | | N/A |
| Coliform | | | N/A |
| Persistent Foam | | | N/A |
| ANIONS - Cyanide | | | N/A |
| ANIONS - Sulfide | | | N/A |
| ANIONS - Sulfite | | | N/A |
| 1B) Conventional Parameters – METALS | N/A | N/A | N/A |

Note / Key :

- □ Meet discharge license criteria
- ■ Exceeding discharge license criteria
- NR Not Requested / Not required
- N/A Not Applicable

| ZDHC MRSL Substances | I001 | 1002 | 1003 |
|--|------|------|------|
| 2A) APs and APEOs | NR | 0 | 0 |
| 2B) Chlorobenzenes and Chlorotoluenes | NR | 0 | 0 |
| 2C) Chlorophenols | NR | 0 | 0 |
| 2D) Azo Dyes | NR | 0 | 0 |
| 2E) Carcinogenic Dyes | NR | 0 | 0 |
| 2F) Disperse Dyes | NR | 0 | 0 |
| 2G) Flame Retardants | NR | 0 | 0 |
| 2H) Glycols | NR | 0 | 0 |
| 2I) Halogenated Solvents | NR | 0 | 0 |
| 2J) Organotin Compounds | NR | 0 | 0 |
| 2K) Perfluorinated and Polyfluorinated | NR | 0 | 0 |
| 2L) Phthalates | 0 | • | 0 |
| 2M) Poly Aromatic Hydrocarbons | NR | 0 | 0 |
| 2N) Volatile Organic Compounds | NR | 0 | 0 |

Note / Key :

- \bullet Detected
- o-Not Detected
- NR Not Requested
- N/A Not Applicable



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Objective

The environment samples were tested for below parameters.

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

Sampling Plan

Basically, three environment samples were sampled per factory, including 1) Incoming water; 2) Raw Wastewater and 3) Discharged Wastewater (treated wastewater). Total number of sample collected will be depended on the actual factory facilities and manufacturing processes.

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

Remark :

- Sampling procedure is with reference to below standards:
- 1) South Australia EPA Guidelines (June 2007), Regulatory Monitoring and Testing Water and Wastewater Sampling.

2) Australia EPA (Victoria) Guideline (June 2009), Sampling and Analysis of Waters, Wastewaters, Soils and Wastes.

3) ISO 5667-3:2003, Water Quality - Sampling - Part 3: Guidance on the Preservation and Handling of Water Samples.

4) ASTM D3976-92 (Reapproved 2010), Standard Practice for Preparation of Sediment Samples for Chemical Analysis.

- Field data records are attached in Appendix C.



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Test Result

1A) Conventional Parameters

Temperature

Test Method : Measurement by U. S. EPA170.1

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|----------------------|--------|------------|
| I003 | ▲ 5.1 / max. 32.3 °C | deg. C | DATA |

Note:

deg. C = degree Celsius (°C)

Discharge License Criteria: Not Applicable

Total Suspended Solids (TSS)

Test Method : Reference to APHA 2540 D

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------------------------------------|------|------------|
| 1003 | 8 (Comply with discharge license) | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria:3000 mg/L

Chemical Oxygen Demand (COD)

Test Method : Reference to APHA 5220 D

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--|------|------------|
| 1003 | 213.5 (Comply with discharge license) | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: 5000 mg/L

Total Nitrogen (Total-N)

Test Method : Reference to APHA 4500-Norg:B, SM 4500-NO3:E

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| I003 | 8.38 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not applicable



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<u>pH Value</u>

Test Method : Reference to U. S. EPA 150.1

| - | Unit | Result | |
|--------------------|--------|--------------------------------------|--|
| Test Item(s) | - | I003 | |
| Parameter | - | - | |
| Temp. of sample | deg. C | 25 | |
| pH value of sample | - | 7 (Comply with discharge license) | |
| Conclusion | - | DATA | |

Note:

Temp. = Temperature de

deg. C = degree Celsius ($^{\circ}$ C)

Discharge License Criteria: 6-9.5

Color [m⁻¹] (436nm; 525nm; 620nm)

Test Method : With reference to ISO 7887-B

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|-----------|-----------------|------------|
| I003 | 1.5;0.8;1 | m ⁻¹ | DATA |

Note:

Discharge License Criteria: Not Applicable

Biochemical Oxygen Demand (BOD5)

Test Method : Reference to APHA 5210B (5 days)

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|---|------|------------|
| I003 | 59.2 (Comply with discharge license) | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: 2000 mg/L

Ammonium Nitrogen

Test Method : Reference to APHA 4500 NH₃ B,F

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| I003 | 3.91 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable



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Total Phosphorus (Total-P)

Test Method : Reference to APHA 4500-P B,C

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| I003 | 0.68 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not applicable

Adsorbable Organic Halogens (AOX)

Test Method : Reference to ISO 9562

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| I003 | 0.29 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable

Oil and Grease

Test Method : Reference to ISO 9377-2

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|---|------|------------|
| 1003 | <0.003 (Comply with discharge license) | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: 1000 mg/L

Phenol

Test Method : Reference to APHA 5530 B, D

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| 1003 | <0.1 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable



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Coliform

Test Method : Reference to ISO 9308-1

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|---------------------|------------|
| I003 | 500 | bacteria/ 100 mL | DATA |

Note:

bacteria/100 mL = bacteria per 100 milliliters Discharge License Criteria: Not Applicable

Remark: Due to the colonies is huge, result of coliform content is base on sample having dilution factor 100 times

Persistent Foam

Test Method : Visual

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|---------|------|------------|
| 1003 | No foam | - | DATA |

Discharge License Criteria: Not Applicable

ANIONS - Cyanide

Test Method : Reference to APHA 4500-CN C/ APHA 4500-CN E

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| I003 | <0.01 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable

ANIONS - Sulfide

Test Method : Reference to APHA 4500 S^{2—}D

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| I003 | 0.099 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable

ANIONS - Sulfite

Test Method : Reference to SM 4500-SO3-2 C

| Tested Item(s) | Result | Unit | Conclusion |
|----------------|--------|------|------------|
| I003 | 0.29 | mg/L | DATA |

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable



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1B) Conventional Parameters - METALS

| Heavy Metals | I001 (mg/L) | I002 (mg/L) | I003 (mg/L) |
|---|-------------|-------------|-------------|
| Antimony(Sb) | · • · | | |
| Discharge License Criteria: Not applicable | ND | 0.006 | 0.0306 |
| Chromium(Cr), total Discharge License Criteria: | ND | 0.0128 | 0.001 |
| Not applicable Cobalt(Co) Discharge License Criteria: | ND | ND | ND |
| Not applicable Copper(Cu) Discharge License Criteria: Not applicable | ND | 0.1023 | 0.011 |
| Nickel (Ni) Discharge License Criteria: Not applicable | 0.001 | 0.007 | 0.0051 |
| Silver (Ag) Discharge License Criteria: Not applicable | ND | ND | ND |
| Zinc(Zn) Discharge License Criteria: Not applicable | ND | 0.1613 | 0.0546 |
| Arsenic (As) Discharge License Criteria: Not applicable | ND | 0.0023 | ND |
| Cadmium(Cd) Discharge License Criteria: Not applicable | ND | ND | ND |
| Chromium VI(CrVI) Discharge License Criteria: Not applicable | ND | ND | ND |
| Lead(Pb) Discharge License Criteria: Not applicable | 0.0016 | 0.0018 | ND |
| Mercury (Hg) Discharge License Criteria: Not applicable | ND | ND | ND |



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2L) Phthalates

| Phthalates | I001 (µg/L) | 1002 (µg/L) | 1003 (µg/L) |
|---|-------------|-------------|-------------|
| Butyl benzyl phthalate (BBP) | ND | ND | ND |
| Dibutyl phthalate (DBP) | ND | ND | ND |
| Di-2-ethylhexyl phthalate (DEHP) | ND | 17 | ND |
| Di-n-octyl phthalate (DNOP) | ND | ND | ND |
| Di-iso-nonyl phthalate (DINP) | ND | ND | ND |
| Di-iso-decyl phthalate (DIDP) | ND | ND | ND |
| Diethyl phthalate (DEP) | ND | ND | ND |
| Di-n-propyl phthalate (DPRP) | ND | ND | ND |
| Di-iso-butyl phthalate (DIBP) | ND | ND | ND |
| Di-cyclohexyl phthalate (DCHP) | ND | ND | ND |
| Di-n-hexyl phthalate (DnHP) | ND | ND | ND |
| Dinonyl phthalate (DNP) | ND | ND | ND |
| Di-iso-octyl phthalate (DIOP) | ND | ND | ND |
| Dimethoxyethyl phthalate (DMEP) | ND | ND | ND |
| 1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP) | ND | ND | ND |
| 1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) | ND | ND | ND |

Others Priority Chemical Groups

| | I001 (ug/L) | I002 (ug/L) | I003 (ug/L) |
|--|-------------|-------------|-------------|
| 2A) APs and APEOs | NR | ND | ND |
| 2B) Chlorobenzenes and Chlorotoluenes | NR | ND | ND |
| 2C) Chlorophenols | NR | ND | ND |
| 2D) Azo Dyes | NR | ND | ND |
| 2E) Carcinogenic Dyes | NR | ND | ND |
| 2F) Disperse Dyes | NR | ND | ND |
| 2G) Flame Retardants | NR | ND | ND |
| 2H) Glycols | NR | ND | ND |
| 2I) Halogenated Solvents | NR | ND | ND |
| 2J) Organotin Compounds | NR | ND | ND |
| 2K) Perfluorinated and Polyfluorinated Chemicals | NR | ND | ND |
| 2M) Poly Aromatic Hydrocarbons | NR | ND | ND |
| 2N) Volatile Organic Compounds | NR | ND | ND |

Remark :

- Test method, reporting limit and list of chemical are summarized in tables of Appendix A - ND = Not detected (Please refer to reporting limit shown in Appendix A.).
- All results are in ppb as unit.
 ppm = part(s) per million; ppb = part(s) per billion. -
- NR-Not Requested



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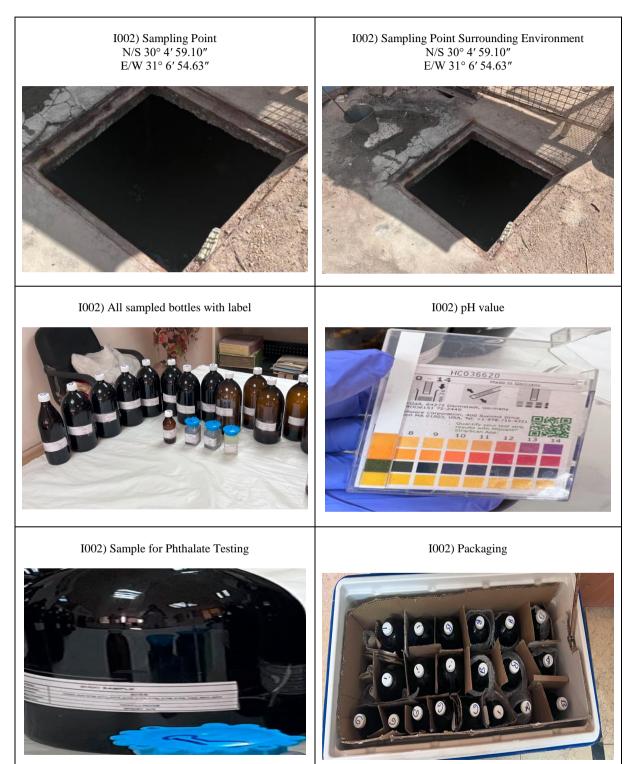
APPENDIX A - Photo of the Sample/ Sampling Location



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I003) Sampling Point Surrounding Environment N/S 30° 4′ 59.10″ E/W 31° 6′ 54.63″

I003) Sampling Point N/S 30° 4' 59.10" E/W 31° 6' 54.63"



I003) pH value



1003) Sample for Phthalate Testing









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APPENDIX B

| | | | Repor | t Limit | |
|---|-----------------------------------|---|------------------------------------|-----------------------------|--|
| Group | Substance (Testing parameter) | CAS No. | Wastew ater (ug/L)/(ppb) | Sludge (mg/kg) /(ppm) | Name of the testing method |
| | Nonylphenol NP, mixed isomers | Various (incl. 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3) | 5 | 0.4 | NP/OP: ISO 18857-2 (modified dichloromethane |
| 2A. Alkylphenol (AP) and | Octylphenol OP, mixed isomers | Various (incl. 140-66-9, 1806-26-4, 27193-28-8) | 5 | 0.4 | extraction) or ASTM D7065 (GC/MS or LC/MS(-MS) |
| Alkylphenol Ethoxylates (APEOs): including all isomers | Octylphenol ethoxylates (OPEO) | Various (incl. 9002-93-1, 9036-19-5, 68987-90-6) | 5 | 0.4 | OPEO/NPEO: ISO18857-2 or ASTM D7065(LC/MS; GC/MS |
| | Nonylphenol ethoxylates (NPEO) | Various (inc. 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0) | 5 | 0.4 | or LC/MSMS for n=1,2) APEO 1-18 |
| | Monochlorobenzene | 108-90-7 | 0.2 | 0.2 | |
| | 1,2-Dichlorobenzene | 95-50-1 | 0.2 | 0.2 | - |
| | 1,3-Dichlorobenzene | 541-73-1 | 0.2 | 0.2 | |
| | 1,4-Dichlorobenzene | 106-46-7 | 0.2 | 0.2 | |
| | 1,2,3-Trichlorobenzene | 87-61-6 | 0.2 | 0.2 | |
| | 1,2,4-Trichlorobenzene | 120-82-1 | 0.2 | 0.2 | |
| | 1,3,5-Trichlorobenzene | 108-70-3 | 0.2 | 0.2 | |
| | 1,2,3,4-Tetrachlorobenzene | 634-66-2 | 0.2 | 0.2 | |
| | 1,2,3,5-Tetraclorobenzene | 634-90-2 | 0.2 | 0.2 | |
| | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.2 | 0.2 | |
| | Pentachlorobenzene | 608-93-5 | 0.2 | 0.2 | |
| | Hexachlorobenzene | 118-74-1 | 0.2 | 0.2 | |
| | 2-Chlorotoluene | 95-49-8 | 0.2 | 0.2 | |
| | 3-Chlorotoluene | 108-41-8 | 0.2 | 0.2 | USEPA 8260B,8270D. |
| 2B. Chlorobenzenes | 4-Chlorotoluene | 106-43-4 | 0.2 | 0.2 | Dichloromethane |
| and Chlorotoluenes | 2,3-Dichlorotoluene | 32768-54-0 | 0.2 | 0.2 | extraction followed by |
| and chilotototucites | 2,4-Dichlorotoluene | 95-73-8 | 0.2 | 0.2 | GC/MS |
| | 2,5-Dichlorotoluene | 19398-61-9 | 0.2 | 0.2 | SC/MS |
| | 2,6-Dichlorotoluene | 118-69-4 | 0.2 | 0.2 | |
| | 3,4-Dichlorotoluene | 95-75-0 | 0.2 | 0.2 | |
| | 3,5-Dichlorotoluene | 25186-47-4 | 0.2 | 0.2 | |
| | 2,3,4-Trichlorotoluene | 7359-72-0 | 0.2 | 0.2 | |
| | 2,3,4-Trichlorotoluene | 2077-46-5 | 0.2 | 0.2 | |
| | 2,4,5-Trichlorotoluene | 6639-30-1 | 0.2 | 0.2 | - |
| | 2,4,5-Trichlorotoluene | 23749-65-7 | 0.2 | 0.2 | |
| | 3,4,5-Trichlorotoluene | 21472-86-6 | 0.2 | 0.2 | |
| | 2,3,4,5-Tetrachlorotoluene | 76057-12-0 | 0.2 | 0.2 | |
| | 2,3,5,6-Tetrachlorotoluene | 29733-70-8 | 0.2 | 0.2 | |
| | 2,3,4,6-Tetrachlorotoluene | 875-40-1 | 0.2 | 0.2 | |
| | Pentachlorotoluene | 877-11-2 | 0.2 | 0.2 | |
| | 2-Chlorophenol | 95-57-8 | 0.2 | 0.2 | |
| | 3-Chlorophenol | 108-43-0 | 0.5 | 0.05 | USEPA 8270 D |
| | 4-Chlorophenol | 106-48-9 | 0.5 | 0.05 | Solvent extraction, |
| 2C. Chlorophenols | 2,3-Dichlorophenol | 576-24-9 | 0.5 | 0.05 | derivatisation with |
| | 2,3-Dichlorophenol | 120-83-2 | 0.5 | 0.05 | KOH, acetic anhydride |
| | 2,4-Dichlorophenol | 583-78-8 | 0.5 | 0.05 | followed by GC/MS |
| | 2,5 Diemotophenoi | 202700 | 0.5 | 0.05 | |

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| Group Substance (Testing prime) CAS No. Wester and (of 1)X (rights) (rights) Number of the tosting method 2.6. Dichlorophenol 87.65.0 0.5 0.05 0.05 3.4. Dichlorophenol 95.72.2 0.5 0.05 0.05 2.3.5. Dichlorophenol 1950-66.0 0.5 0.05 0.05 2.3.5. Trichlorophenol 9375.5 0.5 0.05 0.05 2.4.6. Trichlorophenol 8590-2 0.5 0.05 0.05 2.3.4.5. Tetrachlorophenol 959.5.5 0.5 0.05 0.05 2.3.6. Tetrachlorophenol 109.947.0 0.1 0.2 0.2 4.4. "Methylene-bir(2- chloro-anline) 109.94.0 0.1 0.2 0.2 3.3.5 Dimethoxyn- phenylenediline 19.071.8 0.1 0.2 0.2 | | | | Repor | t Limit | |
|---|----------------|---------------------------|-----------|------------------|---------|-------|
| 2.6-Dichlorophenol 87-65-0 0.5 0.05 3.4-Dichlorophenol 95-77-2 0.5 0.05 3.5-Dichlorophenol 1591-35-5 0.5 0.05 2.3.5-Trichlorophenol 933-75-5 0.5 0.05 2.3.5-Trichlorophenol 933-78-5 0.5 0.05 2.4.5-Trichlorophenol 95-95-4 0.5 0.05 2.4.5-Trichlorophenol 959-5 0.5 0.05 2.3.5.6-Tetrachlorophenol 959-5 0.5 0.05 2.3.5.4-Tetrachlorophenol 95-95-5 0.5 0.05 2.3.5.6-Tetrachlorophenol 95-95-5 0.5 0.05 Pentachlorophenol 95-97-7 0.1 0.2 4.4-Methylene-0is(-2) 10-14.4 0.1 0.2 5.3-Dichionhyn | Group | | CAS No. | ater (ug/L)/(| (mg/kg) | Ű |
| 24. Dichlorophenol 95:77:2 0.5 0.05 3.5. Dichlorophenol 1950:66:0 0.5 0.05 2.3.4. Trichlorophenol 93:78:5 0.5 0.05 2.3.5. Trichlorophenol 93:78:5 0.5 0.05 2.3.6. Trichlorophenol 93:78:5 0.5 0.05 2.4.5. Trichlorophenol 98:0-2 0.5 0.05 3.4.5. Trichlorophenol 490:151:3 0.5 0.05 2.3.4.5. Trichlorophenol 98:90:2 0.5 0.05 2.3.4.5. Trichlorophenol 98:90:5 0.5 0.05 2.3.4.5. Trichlorophenol 98:90:2 0.5 0.05 2.3.5. Creanblorophenol 98:90:2 0.5 0.05 2.3.5. Trichlorophenol 98:90:2 0.5 0.05 2.3.5. Trichlorophenol 98:90:2 0.5 0.05 2.3.5. Trichlorophenol 98:90:2 0.1 0.2 4.4.4' mehylane-bis (2- 101:14:4 0.1 0.2 4.4' Theindynaline 107:77 0.1 0.2 | | | 0.5 45 0 | | | |
| 25. Dichlorophenol 591-35.5 0.5 0.05 2.3.4. Trichlorophenol 933-78.8 0.5 0.05 2.3.5. Trichlorophenol 933-78.5 0.5 0.05 2.4.5. Trichlorophenol 933-78.5 0.5 0.05 2.4.5. Trichlorophenol 959-54. 0.5 0.05 2.4.5. Trichlorophenol 489.06-2 0.5 0.05 2.3.4.5. Tetrachlorophenol 989.02 0.5 0.05 2.3.5.6. Tetrachlorophenol 985.95.5 0.5 0.05 2.3.5.6. Tetrachlorophenol 985.95.5 0.5 0.05 2.3.5.6. Tetrachlorophenol 985.95.5 0.5 0.05 2.3.5.6. Tetrachlorophenol 985.97 0.1 0.2 4.4. "Methylene-bin-2 101.14.4 0.1 0.2 4.4. "Methylene-bin-2 101.14.4 0.1 0.2 3.3. "Dimethyber/dimine 119.93.7 0.1 0.2 4.4. "Anchylenedimine 101-77.7 0.1 0.2 4.4. "Intoidiniline 13965.1 0.1 0.2 < | | | | | | |
| 21.3.4 Trichlorophenol 1930-06-0 0.5 0.05 2.3.5 Trichlorophenol 933-75-5 0.5 0.05 2.4.5-Trichlorophenol 933-75-5 0.5 0.05 2.4.5-Trichlorophenol 95-95-4 0.5 0.05 3.4.5-Trichlorophenol 88-06-2 0.5 0.05 2.3.4.5-Trichlorophenol 4901-15-3 0.5 0.05 2.3.4.5-Tetrachlorophenol 98-90-2 0.5 0.05 2.3.5.6-Tetrachlorophenol 98-90-2 0.5 0.05 2.3.5.6-Tetrachlorophenol 98-90-2 0.5 0.05 2.3.5.6-Tetrachlorophenol 98-90-2 0.5 0.05 2.3.5.6-Tetrachlorophenol 98-90-2 0.5 0.05 4.4-Wethylenediamilie 101-77-9 0.1 0.2 4.4-Totoroaniline 100-647-8 0.1 0.2 3.3-Dimethylenzidine 139-77 0.1 0.2 4.4-Thiodiamiline 137-17-7 0.1 0.2 4.4-Methylene-diamile 915-95 0.1 0.2 | | | | | | |
| 23.5-Trichlorophenol 933-78-8 0.5 0.05 2.3.6-Trichlorophenol 937-75-5 0.5 0.05 2.4.5-Trichlorophenol 88.06-2 0.5 0.05 2.4.5-Trichlorophenol 680-19-8 0.5 0.05 2.4.5-Trichlorophenol 690-19-8 0.5 0.05 2.3.4.5-Tetrachlorophenol 935-95- 0.5 0.05 2.3.5.6-Tetrachlorophenol 935-95- 0.5 0.05 2.3.5.6-Tetrachlorophenol 935-95- 0.5 0.05 2.3.5.6-Tetrachlorophenol 935-95- 0.5 0.05 2.3.5.6-Tetrachlorophenol 935-95- 0.5 0.05 4.4'-Methylene-bis-(2- 101-14-4 0.1 0.2 4.4'-Moropheniz 101-17-9 0.1 0.2 4.4'-Moropheniz 109-04 0.1 0.2 3.3'-Dimethylsenzidine 119-90-4 0.1 0.2 4.4'-Minoazohenzen 60-09-3 0.1 0.2 4.4'-Minoazohenzen 60-09-3 0.1 0.2 4.4' | | | | | | |
| 23.6-Trichlorophenol 933-75-5 0.5 0.05 2.4.5-Trichlorophenol 88.06-2 0.5 0.05 2.4.6-Trichlorophenol 88.06-2 0.5 0.05 2.3.4.5-Trichlorophenol 609-19-8 0.5 0.05 2.3.5.7-Strenkolroophenol 959-5 0.5 0.05 2.3.5-Strenkolroophenol 959-5 0.5 0.05 2.3.5-Dimethylphonylme 101-14-4 0.1 0.2 4.4-Chloroaniline 106-47.8 0.1 0.2 3.3-Dimethylbenzidine 119-03-4 0.1 0.2 2.4.5-Trimotylaniline 137-17 0.1 0.2 4.4-Methylen-di-o- thehoxy-m-tolukiniline 130-54 0.1 0.2 2.4.5-Trimotylphaniline 137-07 0.1 0.2 | | | | | | |
| 24.5 Trichlorophenol 95.95.4 0.5 0.05 2.4.6 Trichlorophenol 609-19-8 0.5 0.05 2.3.4.5 Tetrachlorophenol 589-02 0.5 0.05 2.3.4.5 Tetrachlorophenol 989-02 0.5 0.05 2.3.5.6 Tetrachlorophenol 989-02 0.5 0.05 Pentachlorophenol 983-95.5 0.5 0.05 Pentachlorophenol 101-14.4 0.1 0.2 4.4 "Methylene-bis-(2- 101-14.4 0.1 0.2 4.4 "methylenedianiline 101-77-9 0.1 0.2 3.3 "Dimethylbenzidine 119-90-4 0.1 0.2 3.3 "Dimethylbenzidine 119-93-7 0.1 0.2 2.4.5 "Timethylainiline 137-17-7 0.1 0.2 4.4 "Thiodianiline 139-65-1 0.1 0.2 2.4.5 "Kildine 83-88-0 0.1 0.2 2.6 "Kylidine 87-62-7 0.1 0.2 2.6 "Kylidine 95-63-4 0.1 0.2 2.1 Methyly-m- | | | | | | |
| 24.6-Trichtorophenol 88-06-2 0.5 0.05 3.4.5-Tiertachlorophenol 469-19-8 0.5 0.05 2.3.4.6-Terrachlorophenol 959-5 0.5 0.05 2.3.5.6-Tetrachlorophenol 959-5 0.5 0.05 2.3.5.6-Tetrachlorophenol 959-5 0.5 0.05 9.5-Fortachlorophenol 959-5 0.5 0.05 4.4'-Methylane-bic-(2- 0.1 0.2 0.1 4.4'-Methylane-bic-(2- 0.1 0.2 0.1 4.4'-Methylane-bic-(2- 0.1 0.2 0.1 0.2 4.4'-Methylane-bic-(2- 0.1 0.2 0.1 0.2 3.7-Dimethylbenzidine 119-90-4 0.1 0.2 0.1 0.2 3.3'-Dimethylbenzidine 137-17.7 0.1 0.2 0.2 0.4'-Methylane-6i-o 0.1 0.2 0.1 0.2 4.4'-Methylaniline 137-05-4 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 | | | | | | |
| 23.4.5-Trichtorophenol 609-19-8 0.5 0.05 2.3.4.5-Tetrachlorophenol 983-95-5 0.5 0.05 2.3.5.6-Tetrachlorophenol 935-95-5 0.5 0.05 Pentachlorophenol (PCP) 87.86-5 0.5 0.05 4.4-Methylene-bis-(2- 101-14-4 0.1 0.2 4.4-Methylene-bis-(2- 101-14-4 0.1 0.2 4.4-Methylene-bis-(2- 101-14-4 0.1 0.2 4.4-Methylene-bis-(2- 101-14-4 0.1 0.2 4.4-Oxydianilne 101-80-4 0.1 0.2 4.4-Oxydianilne 101-80-4 0.1 0.2 3.5-Dimethylenzdine 119-93-7 0.1 0.2 4.4-Thiodianiline 137-17-7 0.1 0.2 4.4-Thiodianiline 139-65-1 0.1 0.2 4.4-Thiodianiline 139-65-1 0.1 0.2 (Forming Restricted Arminoazobenzene 60-09-3 0.1 0.2 2.5-Stylidine 87-62-7 0.1 0.2 2.3-Dichoroben | | | | | | |
| 2.3.4.5-Terachiorophenol 4901-51-3 0.5 0.05 2.3.4.6-Tetrachiorophenol 935-95-5 0.5 0.05 2.3.4.6-Tetrachiorophenol 935-95-5 0.5 0.05 4.4-Methylene-bis-(2- chloro-anline) 101-14-4 0.1 0.2 4.4-Methylene-bis-(2- chloro-anline) 101-80-4 0.1 0.2 3.3-Dimethylbenzidine 110-90-4 0.1 0.2 3.3-Dimethylbenzidine 119-90-4 0.1 0.2 3.3-Dimethylbenzidine 119-90-4 0.1 0.2 3.3-Dimethylbenzidine 119-90-4 0.1 0.2 3.3-Dimethylbenzidine 139-90-51 0.1 0.2 4.4-Methoxy-m- forestidee 615-05-4 0.1 0.2 4.4-Methoxy-m- forwing Restricted Amines) 615-05-4 0.1 0.2 2.6-Xylidine 87-62-7 0.1 0.2 0.2 2.A-Splithylamine 91-59-8 0.1 0.2 0.2 2.A-Xylidine 95-59-2 0.1 0.2 0.2 2.A-Methylene-di-o- oluid | | | | | | |
| 2.3.5.6-Tetrachlorophenol 935-95-5 0.5 0.05 Partachlorophenol (PCP) 87-86-5 0.5 0.05 4.4-Methylene-bis/2- chloro-aniline) 101-14-4 0.1 0.2 4.4-Methylene-bis/2- chloro-aniline) 101-80-4 0.1 0.2 4.4-Choroaniline 101-77-9 0.1 0.2 4.4-Choroaniline 101-80-4 0.1 0.2 3.3-Dimethoxybenzidine 119-90-4 0.1 0.2 3.3-Dimethoxybenzidine 119-90-4 0.1 0.2 2.4.7-Trimethylaniline 139-05-1 0.1 0.2 4.4-Methoxy-m- phenylenediamine 615-05-4 0.1 0.2 4.4-Methoxy-m- phenylenediamine 615-05-4 0.1 0.2 2.6-Xylidine 87-62-7 0.1 0.2 2.6-Xylidine 91-59-8 0.1 0.2 3.3-Dichlorobenzidine 91-94-1 0.1 0.2 2.4-Xylidine 95-69-2 0.1 0.2 3.3-Dichlorobenzidine 92-57-8 0.1 0.2 | | | 4901-51-3 | 0.5 | 0.05 | |
| Pentachlorophenol (PCP) 87-86-5 0.5 0.05 4.4'-Methylene-bis-(2- chloto-amiline) 101-14-4 0.1 0.2 4.4'-Methylene-bis-(2- chloto-amiline) 101-77-9 0.1 0.2 4.4'-Methylenediamiline 101-77-9 0.1 0.2 4.4'-Oxydiamiline 101-80-4 0.1 0.2 3.3'-Dimethylbenzdiane 119-90-4 0.1 0.2 3.3'-Dimethylbenzdiane 119-90-4 0.1 0.2 3.3'-Dimethylbenzdiane 119-93-7 0.1 0.2 4.4'-Methylene-diamiline 139-65-1 0.1 0.2 2.4.5'-Trimethylaniline 137-67-7 0.1 0.2 4.4'-Methylene-di-o- toluidine 615-05-4 0.1 0.2 -A-Methoxy-m- phenylenediamine 615-05-4 0.1 0.2 -A-Misidine 90-04-0 0.1 0.2 -A-Minodiphenyl 92-67-1 0.1 0.2 -A-Misidine 91-94-1 0.1 0.2 -A-Misidine 92-87-5 0.1 0.2 | | 2,3,4,6-Tetrachlorophenol | 58-90-2 | | 0.05 | |
| 4.4 ⁻ -Methylenc-bis-(2- chloro-aniline) 101-14-4 0.1 0.2 4.4 ⁻ -Methylenclianiline 101-77-9 0.1 0.2 4.4 ⁻ -Oxydianiline 101-80-4 0.1 0.2 4.4 ⁻ -Oxydianiline 101-80-4 0.1 0.2 3.3 ⁻ -Dimethoxybenzidine 119-93-7 0.1 0.2 3.3 ⁻ -Dimethoxybenzidine 119-93-7 0.1 0.2 2.4.5 ⁻ -Trimethylaniline 139-65-1 0.1 0.2 2.4.5 ⁻ -Trimethylaniline 139-65-1 0.1 0.2 4.4 ⁻ -Methylenc-di-o- toluidine 615-05-4 0.1 0.2 4.4 ⁻ -Methylenc-di-o- toluidine 838-88-0 0.1 0.2 2.6-Xylidine 87-62-7 0.1 0.2 -Anisidine 90-04-0 0.1 0.2 -A-Minodphenyl 92-67-1 0.1 0.2 -A-Minodphenyl 92-67-1 0.1 0.2 -A-Minodphenyl 92-67-1 0.1 0.2 -A-Minodphenyl 92-67-2 0.1 0.2 -A-M | | | | | 0.05 | |
| chloro-aniline 101-14-4 0.1 0.2 4,4'-methylenedianiline 101-77-9 0.1 0.2 4,4'-Oxydianiline 101-80-4 0.1 0.2 4.Choroaniline 106-47-8 0.1 0.2 3.3'-Dimethylbenzidine 119-90-4 0.1 0.2 3.3'-Dimethylbenzidine 119-93-7 0.1 0.2 6-methoxy-m-toluidine (p- Cresidine) 120-71-8 0.1 0.2 4.4'-Aninoazobenzene 60-09-3 0.1 0.2 4.4'-Aninoazobenzene 60-09-3 0.1 0.2 4.4'-Methylsenzene 615-05-4 0.1 0.2 4.4'-Methylenedianine 615-05-4 0.1 0.2 6/bridine 87-62-7 0.1 0.2 6/bridine 87-62-7 0.1 0.2 2.Naphthylamine 91-59-8 0.1 0.2 6/bridine 95-69-2 0.1 0.2 4.4'-Muthylen- 95-69-2 0.1 0.2 2.A-Splidine 95-69-2 0.1 | | | 87-86-5 | 0.5 | 0.05 | |
| chloro-aniline) 101-77-9 0.1 0.2 4.4 '-Netylenedianiline 101-87-9 0.1 0.2 4.4 'Chloroaniline 106-47-8 0.1 0.2 3.7 -Dimethylbenzidine 119-90-4 0.1 0.2 3.7 -Dimethylbenzidine 119-90-7 0.1 0.2 3.7 -Dimethylbenzidine 119-90-7 0.1 0.2 6-methoxy-m-toluidine (p- Cresidine) 120-71-8 0.1 0.2 2.4.5 'Trimethylaniline 137-17-7 0.1 0.2 4.4 '-Thiodianiline 139-65-1 0.1 0.2 4.4 '-Methoxy-m- heylenedianine 615-05-4 0.1 0.2 4.4 '-Methylene-di-o- toluidine 838-88-0 0.1 0.2 2.6-Xylidine 87-62-7 0.1 0.2 0-Anisidine 90-94-0 0.1 0.2 2.6-Xylidine 91-59-8 0.1 0.2 3.3 - Dichorobenzidine 91-59-1 0.1 0.2 3.3 - Dichorobenzidine 95-69-2 0.1 0.2 0-Tolui | | | 101-14-4 | 0.1 | 0.2 | |
| 4.4 ⁻ Oxydianiline 101-80-4 0.1 0.2 4-Chloroaniline 106-47-8 0.1 0.2 3.3 ⁻ Dimethoxybenzidine 119-90-4 0.1 0.2 3.3 ⁻ Dimethoxybenzidine 119-93-7 0.1 0.2 3.3 ⁻ Dimethoxybenzidine 119-93-7 0.1 0.2 6-methoxy-m-toluidine (p- Cresidine) 120-71-8 0.1 0.2 4.4 ⁻ Antinoazobenzene 60-09-3 0.1 0.2 4.4 ⁻ Antinoazobenzene 615-05-4 0.1 0.2 4.4 ⁻ Methylen-di-o- toluidine 838-88-0 0.1 0.2 2.6-Stylidine 87-62-7 0.1 0.2 2.4-Stylidine 91-59-8 0.1 0.2 3.3 ⁻ Dichlorobenzidine 91-94-1 0.1 0.2 2.4-Stylidine 92-67-1 0.1 0.2 3.3 ⁻ Dichlorobenzidine 92-67-1 0.1 0.2 2.4-Stylidine 95-68-1 0.1 0.2 2.4-Stylidine 95-69-2 0.1 0.2 4-Chloro-o-toluidine | | | | | | |
| 4.Chloroaniline 106-47-8 0.1 0.2 3.3 - Dimethoxybenzidine 119-90-4 0.1 0.2 3.3 - Dimethoxybenzidine 119-93-7 0.1 0.2 6-methoxy-m-toluidine (p- Cresidine) 120-71-8 0.1 0.2 2.4.5 - Trimethylaniline 137-17-7 0.1 0.2 4.4 - Minoazobenzene 60-09-3 0.1 0.2 4.Aminoazobenzene 60-09-3 0.1 0.2 4.Methoxy-m- phenylenediamine 615-05-4 0.1 0.2 7.6 Aylidine 87-627 0.1 0.2 2.0. Dyes - Azo (Forming Restricted 4.4 - Minodiphenyl 92-67-1 0.1 0.2 4.A-Minodiphenyl 92-67-1 0.1 0.2 0.2 OCMs or LC/MS 2.Naphthylamine 91-59-8 0.1 0.2 OCMS or LC/MS 2Aspidine 95-68-1 0.1 0.2 OCMS or LC/MS 4Aminodiphenyl 92-67-1 0.1 0.2 OCMS or LC/MS 4Athioro-o-toluidine 95-69-2 0.1 </td <td></td> <td>4,4'-methylenedianiline</td> <td></td> <td></td> <td></td> <td></td> | | 4,4'-methylenedianiline | | | | |
| 21. Dyes - Azo 3.3°-Dimethylbenzidine 119:90.4 0.1 0.2 3.3°-Dimethylbenzidine 119:93.7 0.1 0.2 4.methoxy.m-toluidine (p- Cresidine) 120:71.8 0.1 0.2 2.4.5.Trimethylaniline 137:17.7 0.1 0.2 4.4.Thiodiamiline 139:65-1 0.1 0.2 4.A.Thiodiamiline 139:65-1 0.1 0.2 4.Methoxy.m- benylenediamine 615:05-4 0.1 0.2 4.Methylamiline 83:88:80 0.1 0.2 2.6.Xylidine 87:62.7 0.1 0.2 0.Anisidine 90:04:0 0.1 0.2 0.Anisidine 91:94:1 0.1 0.2 2.Naphthylamine 91:59:8 0.1 0.2 2.Naphthylamine 91:59:8 0.1 0.2 2.4-Xylidine 95:56:8 0.1 0.2 2.4-Xylidine 95:56:8 0.1 0.2 2.4-Xylidine 95:58:8 0.1 0.2 5-nitro-o-toluidine 99: | | | | | | |
| 2D. Dyes - Azo (Forming Restricted Amines) 3.3°-Dimethylbenzidine 6-methoxy-m-toluidine (- 2.4.5-Trimethylaniline 139-65-1 0.1 0.2 4.4°-Thiodianiline 2.4.5-Trimethylaniline 2.4.5-Trimethylaniline 4.4°-thiodianiline Aminozobenzene 60:09-3 0.1 0.2 4.4°-Thiodianiline 4.4°-thiodianiline Amines) 615-05-4 0.1 0.2 4.4°-Thiodianiline 4.4°-Methoxy-m- phenylenediamine 615-05-4 0.1 0.2 2.D. Dyes - Azo (Forming Restricted Amines) 4.4°-thethylene-di-o- toluidine 2.6-Xylidine 2.6-Xylidine 2.6-Xylidine 0-Anisidine 91-59-8 0.1 0.2 2.6-Xylidine 2.6-Xylidine 2.6-Xylidine 91-94-1 0.1 0.2 Reduction step with Sodiumdithionite, solvent extraction, GC/MS or LC/MS 2.4-Xylidine 92-87-5 0.1 0.2 0.2 0.1 0.2 -Aminodiphenyl 92-67-1 0.1 0.2 0.2 0.1 0.2 -Toluidine 92-87-5 0.1 0.2 0.1 0.2 -Aminoazotoluene 97-56-3 0.1 0.2 0.1 0.2 -Aminoazotoluene 97-56-3 0.1 0.2 0.1 0.2 -C1. Direct Black 38 1937-37-7 500 10 10 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<> | | | | | | |
| 6-methoxy-m-toluidine (p. Cresidine) 120-71-8 0.1 0.2 24.4.7-Trinethylaniline 137-17-7 0.1 0.2 4.4.7-Thiodianiline 139-65-1 0.1 0.2 4.4.7-Thiodianiline 139-65-1 0.1 0.2 4.4.7-Thiodianiline 615-05-4 0.1 0.2 (Forming Restricted Amines) 4.4.7-Methyleme-di-o- toluidine 838-88-0 0.1 0.2 2.6-Xylidine 87-62-7 0.1 0.2 0.2 Solvent extraction, GC/MS or LC/MS 3.3-Dichlorobenzidine 91-94-1 0.1 0.2 0.2 0.1 0.2 -Ansidine 90-04-0 0.1 0.2 0.2 0.1 0.2 -Ansidine 91-94-1 0.1 0.2 0.1 0.2 -Aminodiphenyl 92-67-1 0.1 0.2 0.1 0.2 -Toluidine 95-58-1 0.1 0.2 0.1 0.2 -A-Minoizotoluene 97-55-3 0.1 0.2 0.1 0.2 -A-Mitonizotol | | | | | | |
| 2D. Dyes - Azo Cresidine) 120-71-8 0.1 0.2 (4,4) Thiodianiline 139-65-1 0.1 0.2 (4,4) Thiodianiline 139-65-1 0.1 0.2 (4,4) Thiodianiline 60-09-3 0.1 0.2 (4,4) Methoxy-m- 615-05-4 0.1 0.2 (Forming Restricted Aminos) (4,4) Methoxy-m- 615-05-4 0.1 0.2 (Forming Restricted Aminos) (4,4) Methylene-di-o- 838-88-0 0.1 0.2 (Considine) 90-04-0 0.1 0.2 Sodiumdithionite, solvent extraction, GCMS or LCMS (2,6-Xylidine) 91-59-8 0.1 0.2 GCMS or LCMS (3,3) Dichorobenzidine 91-59-8 0.1 0.2 (4,-Chloro-o-toluidine) 95-53-4 0.1 0.2 (4,-Chloro-o-toluidine) 95-68-1 0.1 0.2 (4,-Chloro-o-toluidine) 95-58 0.1 0.2 (5-nitro-o-toluidine) 97-56-3 0.1 0.2 <td></td> <td></td> <td>119-93-7</td> <td>0.1</td> <td></td> <td>-</td> | | | 119-93-7 | 0.1 | | - |
| 2D. Dyes - Azo (Forming Restricted Amines) 4.4 · Thiodianiline 139-65-1 0.1 0.2 4-Methoxy-m- benylenediamine 615-05-4 0.1 0.2 Reduction step with Solumiditionite, solvent extraction, 2.6-Xylidine 838-88-0 0.1 0.2 Reduction step with Solumiditionite, solvent extraction, 2.6-Xylidine 87-62-7 0.1 0.2 Solumiditionite, solvent extraction, 2.6-Xylidine 90-04-0 0.1 0.2 2.Naphthylamine 91-59-8 0.1 0.2 Solumiditionite, solvent extraction, 0.1 0.2 3.3 · Dichlorobenzidine 91-94-1 0.1 0.2 0.2 0.1 0.2 4-Aminodiphenyl 92-67-1 0.1 0.2 0.2 0.1 0.2 2.4-Xylidine 95-53-4 0.1 0.2 0.2 0.1 0.2 4-Acthoro-o-toluidine 95-69-2 0.1 0.2 0.1 0.2 4-Acthyl-m- phenylenediamine 95-80-7 0.1 0.2 0.1 0.2 5-nitro-o-toluidine 99-55-8 0.1 0.2 0.1 0.2 0.1 0.2 <td></td> <td>Cresidine)</td> <td>120-71-8</td> <td>0.1</td> <td>0.2</td> <td></td> | | Cresidine) | 120-71-8 | 0.1 | 0.2 | |
| 4-Aminoazobenzene 60-09-3 0.1 0.2 2D. Dyes - Azo (Forming Restricted Amines) 4-Methoxy-m- phenylenediamine 615-05-4 0.1 0.2 EN 14362. Reduction step with solvent extraction 2.6-Xylidine 87-62-7 0.1 0.2 Sodiumdithionite, solvent extraction, GC/MS or LC/MS 2.6-Xylidine 97-50-8 0.1 0.2 Sodiumdithionite, solvent extraction, GC/MS or LC/MS 3.3'-Dichlorobenzidine 91-94-1 0.1 0.2 Sodiumdithionite, solvent extraction, GC/MS or LC/MS 4Aminodiphenyl 92-67-1 0.1 0.2 Sodiumdithionite, solvent extraction, GC/MS or LC/MS 2.4-Xylidine 95-53-4 0.1 0.2 Sodiumdithionite, solvent extraction, GC/MS or LC/MS 4Chloro-o-toluidine 95-68-1 0.1 0.2 Sodiumdithionite, solvent extraction, GC.I. Direct Black 38 1937-37-7 500 10 C.I. Direct Black 38 1937-37-7 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Acid Red 26 3761-53-3 500 10 < | | | | 0.1 | | |
| 2D. Dyes - Azo (Forming Restricted Amines) 4-Methoxy-m- phenylenediamine 615-05-4 0.1 0.2 Reduction step with Sodiumithionite, solvent extraction, GC/MS or LC/MS 2.naphthylamine 90-04-0 0.1 0.2 Reduction step with Sodiumithionite, solvent extraction, GC/MS or LC/MS 2.6-Xylidine 87-62-7 0.1 0.2 Sodiumithionite, solvent extraction, GC/MS or LC/MS 2.7-Aphthylamine 91-59-8 0.1 0.2 Sodiumithionite, solvent extraction, GC/MS or LC/MS 3.3^-Dicklorobenzidine 91-94-1 0.1 0.2 Sodiumithionite, solvent extraction, GC/MS or LC/MS 4.4-Aminodiphenyl 92-67-1 0.1 0.2 Solvent extraction, GC/MS or LC/MS 4.4-Methyl-m- phenylenediamine 95-53-4 0.1 0.2 Solvent extraction, GO 4-Chloro-o-toluidine 95-69-2 0.1 0.2 Solvent extraction, GO Solvent extraction, GO 4-Chloro-o-toluidine 95-569-2 0.1 0.2 Solvent extraction, GO Solvent extraction, GO C1. Direct Black 38 1937-37-7 500 10 C.1 Solvent extraction, GC.1 Disect Red 28 Solvent extraction, GC.1 | | | | | | |
| 2D. Dyes - Azo (Forming Restricted Amines) phenylenediamine 615-05-4 0.1 Meduction step with Sodiumithionite, solvent extraction, C.6-Xylidine 838-88-0 0.1 0.2 Reduction step with Sodiumithionite, solvent extraction, C.6-Xylidine 2.6-Xylidine 87-62-7 0.1 0.2 0.2 0.1 0.2 2-Naphthylamine 91-59-8 0.1 0.2 0.2 0.1 0.2 3.3'-Dichlorobenzidine 91-94-1 0.1 0.2 0.2 0.1 0.2 4-Aminodiphenyl 92-67-1 0.1 0.2 0.2 0.1 0.2 4-Aminodiphenyl 92-68-1 0.1 0.2 0.2 0.1 0.2 4-Chloro-otoluidine 95-69-2 0.1 0.2 0.1 0.2 4-Methyl-m- phenylenediamine 95-80-7 0.1 0.2 0.2 5-nitro-otoluidine 99-55-8 0.1 0.2 0.2 C.1. Direct Black 38 1937-37-7 500 10 0.2 C.1. Direct Black 26 3761-53-3 500 10 | | | 60-09-3 | 0.1 | | |
| Amines) toluidine 538-36-0 0.1 o solvent extraction, GC/MS or LC/MS 2.6-Xylidine 90-04-0 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 2-Naphthylamine 91-59-8 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 3.3'-Dichlorobenzidine 91-94-1 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 4-Aminodiphenyl 92-67-1 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 0-Toluidine 95-53-4 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 2.4-Xylidine 95-68-1 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 4-Chloro-o-toluidine 95-69-2 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 4-Methyl-m- 95-80-7 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 0-Aminoazotoluene 97-56-3 0.1 0.2 GC/MS or LC/MS GC/MS or LC/MS 2E. Dyes- C.1 Direct Black 38 1937-37-7 500 10 GC/MS GC/MS | 2D. Dyes - Azo | phenylenediamine | 615-05-4 | 0.1 | 0.2 | |
| 2.6-Xylidine 87-62-7 0.1 0.2 o-Anisidine 90-04-0 0.1 0.2 2-Naphthylamine 91-59-8 0.1 0.2 3.3'-Dichlorobenzidine 91-94-1 0.1 0.2 4-Aminodiphenyl 92-67-1 0.1 0.2 4-Aminodiphenyl 92-67-5 0.1 0.2 o-Toluidine 95-53-4 0.1 0.2 -4-Kinodiphenyl 95-68-1 0.1 0.2 -4-Khroolphenyl 95-68-1 0.1 0.2 -4-Khroo-toluidine 95-69-2 0.1 0.2 -4-Methyl-m- phenylenediamine 95-80-7 0.1 0.2 -Aminoazotoluene 97-56-3 0.1 0.2 -Aminoazotoluene 97-56-3 0.1 0.2 -C.I. Direct Black 38 1937-37-7 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Acid Red 26 3761-53-3 500 10 C.I. Basic Ked 9 569-61-9 500 10 | | | 838-88-0 | 0.1 | 0.2 | |
| $ \begin{array}{c cccc} 0.4nisidine & 90-04-0 & 0.1 & 0.2 \\ \hline 0.4nisidine & 91-59-8 & 0.1 & 0.2 \\ \hline 2-Naphthylamine & 91-59-8 & 0.1 & 0.2 \\ \hline 3,3^{\circ}-Dichlorobenzidine & 91-94-1 & 0.1 & 0.2 \\ \hline 4-Aminodiphenyl & 92-67-1 & 0.1 & 0.2 \\ \hline 4-Aminodiphenyl & 92-87-5 & 0.1 & 0.2 \\ \hline 0.7Oluidine & 95-53-4 & 0.1 & 0.2 \\ \hline 2,4-Xylidine & 95-68-1 & 0.1 & 0.2 \\ \hline 4-Chloro-o-toluidine & 95-69-2 & 0.1 & 0.2 \\ \hline 4-Methyl-m- & 95-80-7 & 0.1 & 0.2 \\ \hline 0-Aminoazotoluene & 97-56-3 & 0.1 & 0.2 \\ \hline 5-nitro-o-toluidine & 99-55-8 & 0.1 & 0.2 \\ \hline 5-nitro-o-toluidine & 99-55-8 & 0.1 & 0.2 \\ \hline 5-nitro-o-toluidine & 99-55-8 & 0.1 & 0.2 \\ \hline C.I. Direct Black 38 & 1937-37-7 & 500 & 10 \\ \hline C.I. Direct Blue 6 & 2602-46-2 & 500 & 10 \\ \hline C.I. Direct Red 28 & 573-58-0 & 500 & 10 \\ \hline C.I. Direct Red 28 & 573-58-0 & 500 & 10 \\ \hline C.I. Disperse Blue 1 & 2475-45-8 & 500 & 10 \\ \hline C.I. Disperse Blue 1 & 2475-45-8 & 500 & 10 \\ \hline C.I. Disperse Blue 2 & 2475-46-9 & 500 & 10 \\ \hline C.I. Disperse Blue 2 & 2475-46-9 & 500 & 10 \\ \hline C.I. Basic Red 9 > 0.269-5 & 500 & 10 \\ \hline C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) & 2580-56-5 & 500 & 10 \\ \hline \end{array}$ | (minico) | | 87-62-7 | 0.1 | 0.2 | - |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 2-Naphthylamine | 91-59-8 | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 3,3`-Dichlorobenzidine | 91-94-1 | 0.1 | 0.2 | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 4-Aminodiphenyl | 92-67-1 | 0.1 | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | Benzidine | 92-87-5 | 0.1 | 0.2 | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | |
| phenylenediamine 95-80-7 0.1 o-Aminoazotoluene 97-56-3 0.1 0.2 5-nitro-o-toluidine 99-55-8 0.1 0.2 C.I. Direct Black 38 1937-37-7 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Acid Red 26 3761-53-3 500 10 C.I. Basic Red 9 569-61-9 500 10 C.I. Direct Red 28 573-58-0 500 10 C.I. Disperse Blue 1 2475-45-8 500 10 C.I. Disperse Blue 3 2475-46-9 500 10 C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) 2580-56-5 500 10 | | | 95-69-2 | 0.1 | | |
| o-Aminoazotoluene 97-56-3 0.1 0.2 5-nitro-o-toluidine 99-55-8 0.1 0.2 C.I. Direct Black 38 1937-37-7 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Acid Red 26 3761-53-3 500 10 C.I. Basic Red 9 569-61-9 500 10 C.I. Direct Red 28 573-58-0 500 10 Carcionogenic or Equivalent Concern C.I. Disperse Blue 1 2475-45-8 500 10 C.I. Disperse Blue 3 2475-46-9 500 10 L/MS C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) 2580-56-5 500 10 | | | 95-80-7 | 0.1 | 0.2 | |
| 5-nitro-o-toluidine 99-55-8 0.1 0.2 C.I. Direct Black 38 1937-37-7 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Direct Blue 6 2602-46-2 500 10 C.I. Direct Blue 6 3761-53-3 500 10 C.I. Basic Red 9 569-61-9 500 10 C.I. Direct Red 28 573-58-0 500 10 C.I. Direct Red 28 573-58-0 500 10 Carcionogenic or Equivalent Concern C.I. Disperse Blue 1 2475-45-8 500 10 C.I. Disperse Blue 3 2475-46-9 500 10 L/MS C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) 2580-56-5 500 10 | | | 07.56.2 | 0.1 | 0.2 | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | |
| $ \begin{array}{c c} \text{2E. Dyes-} \\ \text{Carcionogenic or} \\ \text{Equivalent Concern} \end{array} & \begin{array}{c c} \text{C.I. Direct Red 28} & 573-58-0 & 500 & 10 \\ \hline \text{C.I. Basic Violet 14} & 632-99-5 & 500 & 10 \\ \hline \text{C.I. Disperse Blue 1} & 2475-45-8 & 500 & 10 \\ \hline \text{C.I. Disperse Blue 3} & 2475-46-9 & 500 & 10 \\ \hline \text{C.I. Basic Blue 26 (with} \\ \text{Michler's Ketone > 0.1\%)} & 2580-56-5 & 500 & 10 \\ \end{array} \\ \end{array} \\ \begin{array}{c} \text{Liquid Extraction} \\ \text{LC/MS} \end{array} \\ \end{array}$ | | | | | | 4 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 2E. Dyes- | | | | | |
| Equivalent Concern C.I. Disperse Blue 1 2475-45-8 500 10 C.I. Disperse Blue 3 2475-46-9 500 10 C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) 2580-56-5 500 10 | | | | | | |
| C.I. Disperse Blue 32475-46-950010C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)2580-56-550010 | | | | | | LC/MS |
| C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) 2580-56-5 500 10 | | | | | | 1 |
| | | C.I. Basic Blue 26 (with | | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | C.I. Basic Green 4 | 569-64-2 | 500 | 10 | |

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| | | | Repor | t Limit | |
|-------------------|--|------------|------------------------------------|-----------------------------|------------------------------------|
| Group | Substance (Testing parameter) | CAS No. | Wastew ater (ug/L)/(ppb) | Sludge (mg/kg) /(ppm) | Name of the testing method |
| | (malachite green chloride) | | | | |
| | C.I. Basic Green 4 (malachite green oxalate) | 2437-29-8 | 500 | 10 | |
| | C.I. Basic Green 4(malachite green) | 10309-95-2 | 500 | 10 | |
| | Disperse Orange 11 | 82-28-0 | 500 | 10 | - |
| | Disperse Yellow 1 | 119-15-3 | 500 | 2 | |
| | Disperse Blue 102 | 12222-97-8 | 50 | 2 | |
| | Disperse Blue 106 | 12223-01-7 | 50 | 2 | |
| | Disperse Yellow 39 | 12223 617 | 50 | 2 | |
| | Disperse Orange 37/59/76 | 13301-61-6 | 50 | 2 | |
| | Disperse Brown 1 | 23355-64-8 | 50 | 2 | |
| | Disperse Orange 1 | 2581-69-3 | 50 | 2 | |
| | Disperse Yellow 3 | 2832-40-8 | 50 | 2 | |
| | Disperse Red 11 | 2872-48-2 | 50 | 2 | |
| 2F. Dyes-disperse | Disperse Red 1 | 2872-52-8 | 50 | 2 | Liquid Extraction |
| (sensitizing) | Disperse Red 17 | 3179-89-3 | 50 | 2 | LC/MS |
| | Disperse Blue 7 | 3179-90-6 | 50 | 2 | |
| | Disperse Blue 26 | 3860-63-7 | 50 | 2 | |
| | Disperse Yellow 49 | 54824-37-2 | 50 | 2 | |
| | Disperse Blue 35 | 12222-75-2 | 50 | 2 | |
| | Disperse Blue 124 | 61951-51-7 | 50 | 2 | 1 |
| | Disperse Yellow 9 | 6373-73-5 | 50 | 2 | |
| | Disperse Orange 3 | 730-40-5 | 50 | 2 | |
| | Disperse Blue 35 | 56524-77-7 | 50 | 2 | |
| | Tris(2-chloroethyl) | 115-96-8 | 5 | 1 | |
| | phosphate (TCEP) Decabromodiphenyl ether (DecaBDE) | 1163-19-5 | 5 | 1 | |
| | Tris(2,3-dibromopropyl) phosphate (TRIS/TDBPP) | 126-72-7 | 5 | 1 | |
| | Pentabromodiphenyl ether (PentaBDE) | 32534-81-9 | 5 | 1 | |
| | Octabromodiphenyl ether (OctaBDE) | 32536-52-0 | 5 | 1 | |
| | Bis(2,3-dibromopropyl) phosphate (BIS/BDBPP) | 5412-25-9 | 5 | 1 | ISO 22032, USEPA527 |
| 2G. Flame | Tris(aziridinyl)- phosphineoxide (TEPA) | 545-55-1 | 5 | 1 | and USEPA8321B. Dichloromethane |
| Retardants | Polybromobiphenyls (PBBs) | 59536-65-1 | 5 | 1 | extraction GC/MS or |
| | Tetrabromobisphenol A (TBBPA) | 79-94-7 | 5 | 1 | LC/MS(-MS) |
| | Hexabromocyclododecane (HBCDD) | 3194-55-6 | 5 | 1 | |
| | 2,2-Bis(bromomethyl)-1,3- propanediol (BBMP) | 3296-90-0 | 5 | 1 | |
| | Tris(1,3-dichloro- isopropyl) phosphate (TDCP) | 13674-87-8 | 5 | 1 | |
| | Short chain chlorinated paraffins (SCCPs) (C10- C13) | 85535-84-8 | 5 | 1 | |
| 2H. Glycols | Bis(2-methoxyethyl)-ether | 111-96-6 | 50 | 10 | US EPA 8270 |

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| | | | Repor | t Limit | |
|--|--|------------------------|------------------------------------|-----------------------------|---|
| Group | Substance (Testing parameter) | CAS No. | Wastew ater (ug/L)/(ppb) | Sludge (mg/kg) /(ppm) | Name of the testing method |
| | 2-ethoxyethanol | 110-80-5 | 50 | 10 | Liquid Extraction |
| | 2-ethoxyethyl acetate | 111-15-9 | 50 | 10 | LC/MS |
| | Ethylene glycol dimethyl ether | 110-71-4 | 50 | 10 | |
| | 2-methoxyethanol | 109-86-4 | 50 | 10 | |
| | 2-methoxyethylacetate | 110-49-6 | 50 | 10 | |
| | 2-methoxypropylacetate | 70657-70-4 | 50 | 10 | |
| | Triethylene glycol dimethyl ether | 112-49-2 | 50 | 10 | |
| | 1,2-Dichloroethane | 107-06-2 | 1 | 2 | |
| 2I. Halogenated | Methylene Chloride | 75-09-2 | 1 | 2 | USEPA 8260B |
| Solvents | Trichloroethylene | 79-01-6 | 1 | 2 | Headspace GC/MS or Purgeand-Trap-GC/MS |
| | Tetrachloroethylene | 127-18-4 | 1 | 2 | |
| | Mono-, di- and tri- methyltin derivatives | Multiple | 0.01 | 0.2 | |
| | Mono-, di- and tri-butyltin derivatives | Multiple | 0.01 | 0.2 | |
| | Mono-, di- and tri-phenyltin derivatives | Multiple | 0.01 | 0.2 | |
| | Mono-, di- and tri-octyltin derivatives | Multiple | 0.01 | 0.2 | |
| | Monomethyltin | Multiple | 0.01 | 0.2 | |
| 2J. Organotin | Dimethyltin | Multiple | 0.01 | 0.2 | ISO 17353 |
| Compounds | Trimethyltin | Multiple | 0.01 | 0.2 | Derivatisation with |
| I I I I I I I I I I I I I I I I I I I | Monobutyltin | Multiple | 0.01 | 0.2 | NaB(C2H5) GC/MS |
| | Dibutyltin | Multiple | 0.01 | 0.2 | |
| | Tributyltin | Multiple | 0.01 | 0.2 |] |
| | Monophenyltin | Multiple | 0.01 | 0.2 | |
| | Diphenyltin | Multiple | 0.01 | 0.2 | |
| | Triphenyltin | Multiple | 0.01 | 0.2 | |
| | Monooctyltin | Multiple | 0.01 | 0.2 | - |
| | Dioctyltin | Multiple | 0.01 | 0.2 | |
| | Trioctyltin | Multiple | 0.01 | 0.2 | |
| | Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | 0.01 | 0.10 | DIN 38407-42 (modified) |
| 2K. Perfluorinated | Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | 0.01 | 0.10 | (modified) Ionic PFC: |
| and Polyfluorinated | Perfluorobutanesulfonic acid (PFBS) | 29420-49-3, 29420-43-3 | 0.01 | 0.10 | Concentration or direct injection, LC/MS(-MS); |
| Chemicals (PFCs) | Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | 0.01 | 0.10 | Non-ionic PFC (FTOH): derivatisation |
| | 8:2 FTOH | 678-39-7 | 1 | 1 | with acetic anhydride, followed by GC/MS |
| | 6:2 FTOH | 647-42-7 | 1 | 1 | 10110 wed by UC/MIS |
| | Di-2-ethylhexyl phthalate (DEHP) | 117-81-7 | 10 | 2 | |
| | Dimethoxyethyl phthalate (DMEP) | 117-82-8 | 10 | 2 | |
| 2L. Phthalates (including all other | Di-n-octyl phthalate (DNOP) | 117-84-0 | 10 | 2 | US EPA 8270D, ISO 18856 |
| esthers of phthalic acid) | Di-iso-decyl phthalate (DIDP) | 26761-40-0 | | | Dichloromethane extraction GC/MS |
| | Di-iso-nonyl phthalate (DINP) | 28553-12-0 | 10 | 2 |] |
| | Di-n-hexyl phthalate | 84-75-3 | 10 | 2 | |

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| Group Substance (Testing parameter) CAS No. Waster or (vg.L) ((vg.L) ((vg.L) ((vg.L) (vg.L) ((vg.L) (vg.L) (v | | | | Repor | t Limit | |
|--|------------------|--|------------|------------------|---------|-----------------------|
| 2M. Poly Aromatic Disary I phthalate (DBP) 84-74-2 10 2 Bury I beary I phthalate (DMP) 84-76-4 10 2 Dinony I phthalate (DMP) 84-76-4 10 2 Diretphy Inthalate (DMP) 84-76-2 10 2 Di-r-propyl phthalate (DMP) 84-66-2 10 2 Di-recolocxyl phthalate (DMP) 84-66-2 10 2 Di-so-buryl phthalate (DMP) 84-66-2 10 2 Di-so-cortyl phthalate (DMP) 84-61-7 10 2 Di-so-cortyl phthalate (DMP) 27554-26-3 10 2 Di-so-cortyl phthalate (deryl - strandown of the stra | Group | · | CAS No. | ater (ug/L)/(| (mg/kg) | 0 |
| Buryl benzyl phhalate (BBP) 85-68-7 10 2 Dinonyl phhalate (DP) 84-76-4 10 2 Diethyl phhalate (DP) 84-66-2 10 2 Di-repropyl phhalate (DPRP) 131-16-8 10 2 Di-repropyl phhalate (DCHP) 84-60-5 10 2 Di-repropyl phhalate (DCHP) 27554-26-3 10 2 Di-repropyl phhalate (DCHP) 27554-26-3 10 2 Di-repropyl phhalate (DCHP) 68515-42-4 10 2 1.2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters. 68515-42-4 10 2 (DHP) 0 2 1 0.2 Hydrocarbox Benzol[alpyrene (BaP) 50-32-8 1 0.2 Benzol[alpyrene (BaP) 50-32-8 1 0.2 1 Pyrene 129-00.0 1 0.2 1 0.2 Benzol[phyrene (BaP) 50-32-8 1 0.2 1 Hydrocarbos Benzol[phyrene 193-95-5 1 0.2 2 < | | | | | | |
| (BBP) 10 2 Dinory phthalare (DP) 84-66-2 10 2 Di-reprop1 phthalare (DP) 84-66-2 10 2 Di-reprop1 phthalare (DP) 84-66-2 10 2 Di-reprop1 phthalare (DP) 84-69-5 10 2 Di-so-buty phthalare (DP) 84-69-5 10 2 Di-so-cotyl phthalare (DCP) 27554-26-3 10 2 Di-so-cotyl phthalare (DCP) 27554-26-3 10 2 Di-so-cotyl phthalare (DCP) 27554-26-3 10 2 Di-so-cotyl phthalare (DCP) 71888-89-6 10 2 DiHUP) 1 1.2-benzenedicarboxylic acid. 61-C6-8-branched alxly esters. C ¹ -nch 10 2 Benzolghyrene (BaP) 50-32-8 1 0.2 1 Pyrene 120-12.7 1 0.2 1 Benzolghiperylene 193-39-5 1 0.2 1 Benzolghiloroamhene 205-92 1 0.2 1 Hydroxarbos Pincambene 2 | | Dibutyl phthalate (DBP) | 84-74-2 | 10 | 2 | |
| 2M. Poly Aromatin (Paths) Diction poly phthalate (DPRP) 131-16-8 10 2 Di-iso-buty phthalate (DPRP) 131-16-8 10 2 Di-iso-buty phthalate (DCHP) 84-69-5 10 2 Di-iso-buty phthalate (DCPP) 84-61-7 10 2 Di-iso-octy phthalate (DOP) 27554-26-3 10 2 I.2-benzendicarboxylic acid, di-C7-11-branched and Incaralkyl esters 68515-42-4 10 2 I.2-benzendicarboxylic acid, di-C8-bytanched alkyl esters, C7-rich (DHP) 50-32-8 1 0.2 PhtHP 50-32-8 1 0.2 2 Pyrene 120-12-7 1 0.2 Pyrene 129-00-0 1 0.2 Benzolajhyrene (BaP) 50-32-8 1 0.2 Benzolghiperylene 191-24-2 1 0.2 Benzolghiperylene 205-99-2 1 0.2 Indeen(1,2,3-cd]pyrene 205-99-2 1 0.2 Hodramchan 206-44-0 1 0.2 Phenaultrane 83-22-9 <td></td> <td></td> <td>85-68-7</td> <td>10</td> <td>2</td> <td></td> | | | 85-68-7 | 10 | 2 | |
| Din-propyl phthalate (DPRP) 131-16-8 10 2 Di-iso-buyl phthalate (DBP) 84-69-5 10 2 Di-so-buyl phthalate (DCHP) 84-61-7 10 2 Di-so-octyl phthalate (DCHP) 27554-26-3 10 2 I.2-benzenedicarboxylic acid, di-C7-11-branched and inearatkyl esters (DHNUP) 68515-42-4 10 2 I.2-benzenedicarboxylic acid, di-C7-10-branched alkyl esters, C7-rich (DHP) 71888-89-6 10 2 Benzol(p)prene (BaP) 50-32-8 1 0.2 Anttracene 120-12-7 1 0.2 Benzol(p)prene 192-97-2 1 0.2 Benzol(p)prene 192-97-2 1 0.2 Benzol(p)prene 192-97-2 1 0.2 Benzol(p)prene 206-44-0 1 0.2 Benzol(p)flooranthene 205-92-2 1 0.2 Pitoranthene 208-96-8 1 0.2 Acenaphthylene 208-96-8 1 0.2 Phenzol(alphthrathracene 55-53 1 0.2 | | Dinonyl phthalate (DNP) | 84-76-4 | 10 | 2 | |
| Difference 151-16-8 10 2 Directory phthalate (DBP) B4-69-5 10 2 Directory phthalate (DCHP) 84-61-7 10 2 Directory phthalate (DCPP) 27554-26-3 10 2 Directory phthalate (DOP) 27554-26-3 10 2 1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP) 68515-42-4 10 2 1,2-benzenedicarboxylic acid, di-C8-branched alkyl esters, C7-rich (DHP) 71888-89-6 10 2 Benzolgalpyrene (BaP) 50-32-8 1 0.2 Anthracene 120-12-7 1 0.2 Benzolgalpyrene (BaP) 50-32-8 1 0.2 Benzolgingrene (BaP) 191-24-2 1 0.2 Benzolgingrene (BaP) 191-24-2 1 0.2 Indeenol(1,2,3-cd)pyrene 191-24-2 1 0.2 Benzolgingrownthene 205-99-2 1 0.2 Fluoranthene 206-44-0 1 0.2 Fluoranthene 206-8 1 | | Diethyl phthalate (DEP) | 84-66-2 | 10 | 2 | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | (DPRP) | 131-16-8 | 10 | 2 | |
| (DCHP) N=1 10 2 Di-iso-octyl phthalate (DOP) 27554-26-3 10 2 1.2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl seters (DHNUP) 68515-42-4 10 2 1.2-benzenedicarboxylic acid, di-C6-8-branched alkyl seters, C7-rich (DHP) 68515-42-4 10 2 Poly Aromatic Hydrocarbons (PaHs) Benzo[a)prene (BaP) 50-32-8 1 0.2 Benzo[a)prene (BaP) 50-32-8 1 0.2 Benzo[a)prene (BaP) 50-32-8 1 0.2 Benzo[a)prene (BaP) 192-97-2 1 0.2 Benzo[a)prene 192-39-5 1 0.2 Benzo[b]fluoranthene 205-89-2 1 0.2 Benzo[b]fluoranthene 206-88-1 1 0.2 Benzo[b]fluoranthene 207-98-9 1 0.2 Benzo[a)prene 183-02-9 1 0.2 Benzo[a)mbracene 53-70-3 1 0.2 Benzo[a)mbracene 53-70-3 1 0.2 Dibenz[a,h]anbracene 53-70-3 | | (DIBP) | 84-69-5 | 10 | 2 | |
| (D(OP) 21334-26-3 10 2 12-benzeneticarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP) 68515-42-4 10 2 12-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DHP) 68515-42-4 10 2 12-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DHP) 71888-89-6 10 2 Anthracene 120-12-7 1 0.2 Pyrene 129-00-0 1 0.2 Benzolghiperylene 191-24-2 1 0.2 Benzolghiperylene 193-39-5 1 0.2 Benzolghiperylene 205-89-3 1 0.2 Benzolghifuoranthene 206-84-0 1 0.2 Benzolghifuoranthene 206-84-0 1 0.2 Renzolkithene 207-08-9 1 0.2 Accenaphthylene 208-96-8 1 0.2 Chrysene 218-01-9 1 0.2 Benzolgianthracene 56-55-3 1 0.2 Phenanthrene 85-01-8 1 0.2 | | (DCHP) | 84-61-7 | 10 | 2 | |
| acid, di-C7-11-branched and linearalkyl esters (DHNUP) 68515-42-4 10 2 1.2-benzendicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DHP) 71888-89-6 10 2 Benzo[alpyrene (BaP) 50-32-8 1 0.2 Anthracene 120-12-7 1 0.2 Pyrene 191-24-2 1 0.2 Benzo[alpyrene (BaP) 50-32-8 1 0.2 Anthracene 120-12-7 1 0.2 Pyrene 191-24-2 1 0.2 Benzo[alpyrene 192-97-2 1 0.2 Benzo[bifluoranthene 205-82-3 1 0.2 Fluoranthene 205-82-3 1 0.2 Benzo[k]fluoranthene 207-08-9 1 0.2 Fluoranthene 207-08-9 1 0.2 Chrysene 218-01-9 1 0.2 Pitenanthrene 85-37-3 1 0.2 Pitenanthrene 85-37-7 1 0.2 Pitenanthrene 85-37-7 1 | | (DIOP) | 27554-26-3 | 10 | 2 | |
| acid, di-C6-8-branched alky lesters, C7-rich (DHP) 71888-89-6 10 2 Benzo[a]pyrene (BaP) 50-32-8 1 0.2 Anthracene 120-12-7 1 0.2 Pyrene 129-00-0 1 0.2 Benzo[ghi]perylene 191-24-2 1 0.2 Benzo[ghi]perylene 192-97-2 1 0.2 Benzo[ghi]flooranthene 205-99-2 1 0.2 Benzo[ghi]flooranthene 205-99-2 1 0.2 Fluoranthene 206-44-0 1 0.2 Benzo[h]fluoranthene 207-99-2 1 0.2 Fluoranthene 208-96-8 1 0.2 Chrysene 218-01-9 1 0.2 Chrysene 218-01-9 1 0.2 Benzo[a]anthracene 53-70-3 1 0.2 Phenanthrene 85-01-8 1 0.2 Plenzofa_phthene 85-32-7 1 0.2 Plenzofa 71-43-2 1 2 <t< td=""><td></td><td>acid, di-C7-11-branched and linearalkyl esters (DHNUP)</td><td>68515-42-4</td><td>10</td><td>2</td><td></td></t<> | | acid, di-C7-11-branched and linearalkyl esters (DHNUP) | 68515-42-4 | 10 | 2 | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | acid, di-C6-8-branched alkyl esters, C7-rich | 71888-89-6 | 10 | 2 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | 50-32-8 | 1 | 0.2 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | Anthracene | 120-12-7 | 1 | 0.2 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | Pyrene | 129-00-0 | 1 | 0.2 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | 1 | 0.2 | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2M Poly Aromatic | | | | | DIN 38407-39 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | |
| Acenaphthylene $208-96-8$ 1 0.2 Chrysene $218-01-9$ 1 0.2 Dibenz[a,h]anthracene $53-70-3$ 1 0.2 Benzo[a]anthracene $56-55-3$ 1 0.2 Acenaphthene $83-32-9$ 1 0.2 Phenanthrene $85-01-8$ 1 0.2 Phenanthrene $86-73-7$ 1 0.2 Naphthalene $91-20-3$ 1 0.2 Benzene $71-43-2$ 1 2 ZN. Volatile Sylene $1330-20-7$ 1 2 Organic Compound $0-cresol$ $95-48-7$ 1 2 $p-cresol$ $106-44-5$ 1 2 $106-44-5$ 1 2 $p-cresol$ $106-44-5$ 1 2 $106-44-5$ 1 2 $m-cresol$ $108-39-4$ 1 2 $106-44-5$ 1 2 $100-2$ $106-44-5$ 1 2 $106-44-5$ 1 2 $106-44-5$ 1 2 $106-44-5$ < | - | | | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | 4 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | 4 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | 4 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | - | | 4 |
| $\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | 4 |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | - |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | ONL M-1 (1 | | | | | 150 11402 1 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | |
| Temperature-N/AN/AApply the standard methods that best apply to the region (ISO, EU, US, China), please refer1A. Conventional ParametersTotal-N-N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing | (1003) | * | | - | | and map-OC/1010 |
| TSS-N/AN/Amethods that best apply to the region (ISO, EU, US, China), please refer1A. Conventional ParametersTotal-N-N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing | | | | 1 | | |
| I.A. Conventional ParametersCOD-N/AN/Ato the region (ISO, EU, US, China), please refer1A. Conventional ParametersTotal-N-N/AN/AUS, China), please referpH-N/AN/AN/Ato ZDHC WastewaterColor [m ⁻¹] (436nm; 525nm; 620nm)-N/AN/AN/A | | | | | | |
| 1A. Conventional ParametersTotal-N—N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing1A. Conventional ParametersTotal-N—N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing | | | | | | |
| Parameters pH - N/A N/A to ZDHC Wastewater Color [m ⁻¹] (436nm; 525nm; 620nm) - N/A N/A Guidelines for more details on the testing | 1A Conventional | | | | | |
| Color [m ⁻¹] (436nm; 525nm; 620nm)N/AN/AGuidelines for more details on the testing | | | | | | |
| | i urunotti s | Color [m ⁻¹] (436nm; | | | | Guidelines for more |
| | | BOD5 | | N/A | N/A | method and the levels |

The content of this PDF file is in accordance with the original issued reports for reference only.



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

Note / Key :

ppm = part(s) per million; ppb = part(s) per billion U. S. EPA = United States Environmental Protection Agency APHA = American Public Health Association



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APPENDIX C – Onsite Field Data Record Sheet

| | 4 | FIELD DATA (COM | RECORD O POSITE / IN | | | | | Issue Date Version No | No | | |
|---|---|---|---|---|-------------------|----------------------|----------------------|---|----------------------|--|--|
| General Data | | | | | | | | | | | |
| Laboratory Sample N | umber: | 72221170158 | | | | | | | | | |
| Client Name: Field Contact Person: | | | IG AND WEAVIN | IG COMPANY | | | | | | | |
| Project (Facility Name | and Address) | Mohamed Elhi | | | Phone No:+2 | 0238900210 Ext 2 | 50 | dimension di second | | | |
| Sampling Location / E | | INCOMING | KERDASA, 1287 | 5 GIZA-EGYPT | | | | | | | |
| Sample Identification: | aborprort. | Manager and Annual A | with sampling p | 1 | | | | | _ | | |
| Sample Type: | | Grab sample | with sampling p | lan | energia estado | | | | _ | | |
| Name of Sampler: | | M | 1.60M | 1. | INI | | 01 | 2-1 | | | |
| Discharge mode: | | Direct discharge | to environment (S | Decify destination | Diver Sea Street | ames 1 | thou- | seid | | | |
| Date of collection: | | 30 . | 5. 202 | 5 | niver, dea, direa | inn) O e indiradi di | scharge to sewag | e treatment plant | - | | |
| Factory Type | | Dyeing / Printin | g / Washing / Fi | | (please specify) | K | | | _ | | |
| Field Data for Waster Arrival Time: | water | | | 1 | | | | | | | |
| Field Parameters | | pH : | | Departure Tim | | | | | | | |
| Control No. of field eq | uipment | | | Temp : | °C | Color | | Flow rate : | (volume/min) | | |
| Lactory with effluent tr | eatment plant: | | 6 | res | | - | | | | | |
| | | × | Incoming water | - | - | | | No | | | |
| Samplo matrix | | | Wastewater be | and the second se | | | | | | | |
| | | | Wastewater after treatment – water at discharge point | | | | | | | | |
| Sampler container number | | | | 1 | | | | 1 | | | |
| | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| Recording time | ID | | | | | | | | | | |
| | Time | 9:30am | | | | | | | | | |
| pH: | | 7 | | | | | | | | | |
| Fomp (°C) : Color (visual estimation | a). | 26°C | 1 | | | | | | | | |
| low rate (volume/time | | Transpare | nd | | | | | | | | |
| Volume collected, mL | , | , | | | | | | | | | |
| lotal volume collected | | | Romody Total | | | | | | | | |
| in the second second second | | | Romark. Total v | olume collected | must be greater | than total of sam | ble size required | ł | | | |
| | d Preservation Method MRSL Parameters) | Test required | Total of | | Type of contair | her | P | | | | |
| | 1. Phthalate | (v) V | sample size | | | | P | reservation met | | | |
| Combined test | 2. Chlorobenzenes, | | | | | | | | | | |
| or Individual test | Chlorotoluene & PAH | V | 1000 mL total or | | | | | | | | |
| (Remark 4) | 3. SCCPs | V | 1000 mL each | | | | | | | | |
| | 4. APS | V | | | | | | | | | |
| APEOs | | ~ | 100 mL | | | | | | | | |
| Chlorophenols & Cre | sols | √ | 100 mL | | | | | | | | |
| Flame retardant | | ~ | 500 mL | | | | | | | | |
| Dyos | | N | 10 mL | Amba- O | nee unebad | | s | Without adding aci itore sample at 2-8 | id °C | | |
| Glycol | | × | 50 mL | | | | | | | | |
| 0 *Pesticides | | | | | | | | | | | |
| 1 *Nitrosamine | | | | | | | | | | | |
| 2 Banned Azodyes | | 21 | | | | | | | | | |
| | tia amina a | V | | | | | | | | | |
| 3. 1 roo primary aroma | the second second second second | | 500 mL | | | | | | | | |
| 4 Organotin Compoun | | N | 500 mL | | | | | | | | |
| VOC & Halogenated | Solvents (Remark 6) | × | 10 mL | | | | ill to full containe | r without air gap; a | icidify to pH 2 with | | |
| . PFCs (Remark 6) | | V | | PE, washed with pesticide grade Acetone | | | | HCI and store sample at 2-8°C Without adding acid Store sample at 2-8°C | | | |



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| Constant of the second | | | | | CPSD-AN-00613-DATA 04 | | |
|---|-------------------------------------|----------------------|-------------------------|--|---|--|--|
| | FIE | LD DATA R | ECORD ON | ZERO DISCHARGE SAMPLE | Issue Date: | | |
| | | (COMF | OSITE / INC | VIDUAL SAMPLING) | Version No.: 14 | | |
| NET STERLES | | | | | Business Line: Analytical | | |
| Tests (Conve | ntional Parameters) | Test required (v) | Total of sample size | Type of container | Preservation method | | |
| Combined test or | 17. Total suspened solids (TSS) | | 2000 mL total | | | | |
| Individual test (Remark 4) | 18. Total dissolved solids (TDS) | | 2000 mL each | Amber Glass, washed with nitric acid, | Without adding acid Store sample at 2-8°C | | |
| 9 5-day Biochemical | Oxygen Demand (BOD5) | | 1000 mL | | | | |
| 0. Colour | | | 100 mL | | | | |
| 1 Licavy Metals exce | pt Cr(VI) & Total-P (Remark | V | 9 mL | PE, washed with nitric acid | Acidify to pH 2 with HNO_3 and store at 2-8°C | | |
| 22. Cyanide | | | 500 mL | Amber Glass, washed with pesticide grade acctone | Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na ₂ S ₂ O ₃ , and store sample at 2-8°C | | |
| 23. Cr(VI) | | × | 95 mL | | Filter by 0.45µm filter in field, fill to full container without air gap; adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C | | |
| 24. Chemical oxygen d | lemand (COD) | | 150 mL | | | | |
| 25. Phenols | | | 500 ml. | Amber Glass; washed with nitric acid | Acidify to pH 2 with H ₂ SO ₄ Store sample at 2-8°C | | |
| 26. Oil and Grease & T | fotal Hydrocarbon | | 1000 mL | | | | |
| 27 *Formaldehyde | | | 25 mL | | Fill to full container without air gap; acidify to pH 2 with H ₂ SO ₄ and store sample at 2-8°C | | |
| 28. Sulfide (Remark 5) | | | 50 mL | PE, washed with pesticide grade Acetone; | Fill to full container without air gap; add 2 drops of 2N zinc acetate, adjust pH to 9 with 6M NaOH Store sample at 2-8°C | | |
| 29. Total Coliform (Rei | mark 6) | | 125 mL | PE, clean, storile, | Add 0.05 ml of 10% Na2 ₅ 2O ₃ | | |
| 30. Faecal Coliform (R | emark 6) | | 125 mL | non-reactive | Store sample at 2-8°C | | |
| 31. Persistent foam | | | N.A. | Foam higher than 45 cm (visi | ual estimation): Yes / No | | |
| 32 Sulfite | | | 100 mL | Amber Glass, washed with pesticide grade acctone | Add 1mL of 2.5% EDTA, 0.5g zinc acetate Store sample at 2-8°C | | |
| 33. Total-N | | | 100 mL | | | | |
| 34. Ammonium-N | | | 500 mL | | Acidify to pH 2 with H ₂ SO ₄ Store sample at 2-8°C | | |
| 35. Adsorbable organi | cally bound halogens (AOX) | | 100 mL | | | | |
| 36. Acute aquatic toxicity: Luminus Bacteria; Fish Egg; Daphne; Alage; | | | 1000 mL | Amber Glass;washed with nitric acid; | Without adding acid | | |
| 37. Sulphate | | | 100 mL | | Store sample at 2-8°C | | |
| 38. Chloride | | | 100 mL | | | | |
| 39. Others: | | | | | | | |

*Romarks:

1. Individual sampling can be performed upon request

2. The minimum sampling time for 2019 ZDHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request.

3. Scope of ZDHC guideline: Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35

Scope of synthetic leather industry: Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38 Scope of MMCF: Parameter 5, 15, 17, 19-21, 23 - 26, 28, 33-36

Free primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guidline, they are tested upon request.

4. Refer to CPSD-AN-G00019-STIP01, loactions with those CPSD test capability inside TCD matrix can perform the combined test. 5. Refer to CPSD-AN-000570-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested.

6. Rofer to CPSD-AN-00613-MTHD for preparation of field blank for specific parameters.

Recorded by:

Full name:

Comment from factory

Acknowledgement by factory

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at captioned date, time and location. All sample(s) is/are collected in desinated container(s) and without any observation in leakage. Sample(s) collected by Bureau Veritas is/are stored in portable freezer / fridge that is maintained in 1-6°C Servinning & Weavin 30 May, 2022

Signatory of Factory Representative /2221170158-GIZA-incoming

Mehand Elhichy

Page 2 of 6

Date:



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| (6) | FI | IELD DATA F (COMF | RECORD ON POSITE / IN | | | | | CPSD-AN-00 Issue Date: Version No.: | 613-DATA 04 14 | | |
|--|---------------------|----------------------|---|----------------------|-------------------|-------------------|----------------------------------|---|-----------------------------|--|--|
| CARGE AND | | | | | | | | Business Lir | ne: Analytical | | |
| General Data | | | | | | | | | | | |
| l aboratory Sample Nu | mber. | 72221170158 | | | | | | | | | |
| Client Name: | | | G AND WEAVING | G COMPANY | | | | | | | |
| Field Contact Person | | Mohamed Elhin | | | Phone No:+202 | 38900210 Ext 25 | | | | | |
| Project (Facility Name | and Address) | | KERDASA, 12875 | GIZA-EGYPT | | SOUDDE TO ERT ED | | | | | |
| Sampling Location / Do | | BEFORE TREA | | old reon r | | | | | | | |
| Sample Identification: | | | with sampling pla | 20 | | | | | | | |
| Sample Type: | | Composite San | | 21 | | | | | | | |
| Name of Sampler | | Must 1 | NUN | 1 | NI | 1 / | 1/ 0 | - 1 | | | |
| Discharge mode: | | Direct discharge | del 10 | hamed | 1 Cher | reger | bou-f | ed | | | |
| Date of collection: | | | to environment (Sp | ecity destination. H | over, Sea, Stream |) Unindirect disi | charge to severage | treatment plant | | | |
| Factory Type: | | 0.0 | dodo | 2 | | | | | | | |
| actory Type. | | | g / Washing / Fin e selected more that | | please specify): | | | | | | |
| | | Hote: It would be | selected more (na | in one | | | | | | | |
| Field Data for Wastew Arrival Time: | rater | | - | Departure Time | | | | 1 | | | |
| ield Parameters | | pH: | | Temp : | °C | Color : | | Elaw cata | fundament former | | |
| Control No. of field equ | ioment | | | ranju . | U | 00101 | | Flow rate : | (volume/min) | | |
| Factory with effluent tro | | | 6 | 05 | | | | 10 | | | |
| and a second sec | and press. | - | Incoming water | (If required) | | | P | No | | | |
| Sample matrix: | | | 100 | | | | | | | | |
| an goar manas. | | × | x Wastewater before treatment | | | | | | | | |
| Sampler container num | har | | Wastewater afte | er treatment – wa | ter at discharge | point T | | | | | |
| aampidi containei nun | Der | | | | | | | | | | |
| | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| Recording time | D | 1 | 1.4 | | | | | | | | |
| | Time | 10:00 um | 11:00 am | 12:00 Pm | ticopm | Juppm | 3:00 Pm | | | | |
| ill. | | 8 | 8 | 8' | 8. | 8' | 81 | | | | |
| lemp (°C) : | | 38.18 | 38.7 4 | 38°C | 38.3% | 38.2 % | 36.8°C | | | | |
| Color (visual estimation | | DarkRed | Dark Ked | Dark-Rec | Darthed | DukRed | Dark Pad | | | | |
| low rate (volume/time) | | | | | | - | | | | | |
| Volume collected, ml | | | | | | | | | | | |
| Total volume collected | | | Remark: Total v | olume collected r | nust be greater t | han total of samp | le size required | | | | |
| Analysis Required an | Preservation Method | | | | | | | | | | |
| | MRSL Parameters) | Test required (√) | Total of sample size | т | ype of containe | er | Pri | eservation meth- | od | | |
| | 1. Phthalate | ×. | | | | | | | | | |
| Combined test | 2 Chlorobenzenes. | Ň | 1000 ml. total | | | | | | | | |
| or Individual test | Chlorotoluene & PAH | - | or | | | | | | | | |
| (Remark 4) | 3. SCCPs | × | 1000 mL each | | | | | | | | |
| | 4. APS | Ń | | | | | | | | | |
| APLOs | | ¥ | 100 mL | | | | | | | | |
| Chlorophenols & Cre | sols | v | 100 mL | | | | | | | | |
| Flame retardant | | 1 | 500 mL | | | | | Nithout out | | | |
|) Dyes | | ~ | 10 mL | Amber Gl | ass,washed with n | itric acid, | St | Without adding acid fore sample at 2-8% | c | | |
| Glycol | | Ń | 50 mL | | | | | | | | |
| 0. "Pesticides | | | 1000 mL | | | | | | | | |
| 1 *Nitrosamino | | | 10 mL | | | | | | | | |
| 2 Banned Azodyes | | Ń | 2000 mL | | | | | | | | |
| 3. *Free primary aroma | itic amines | | 500 mL | | | | | | | | |
| | ds | * | 500 mL | | | | | | | | |
| Organotin Compour | | | | | | | | | | | |
| 4 Organotin Compour 5 VOC & Halogenated | Solvents (Remark 6) | × | 10 mL | _ | | | Fill to full container HCI an | r without air gap; ac Id store sample at 2 | idify to pH 2 with 2-8°C | | |



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| | CPSD-AN-00613-DATA 04 Issue Date: Version No.: 14 | | | | |
|---|---|---|---|--|--|
| BUREN AND ALSO B | | | | DIVIDUAL SAMPLING) | Business Line: Analytical |
| Tests (Conve | ntional Parameters) | Test required | | Type of container | |
| Combined test | 17. Total suspened solids | (v) | size | Type of container | Preservation method |
| or Individual test | (TSS) 18. Total dissolved solids | | 2000 mL total or | | |
| (Remark 4) | (TDS) | | 2000 mL each | Ambor Glass, washed with nitric acid, | Without adding acid |
| 9.5 day Biochemical | Oxygen Demand (BOD5) | | 1000 mL | | Store sample at 2-8°C |
|). Golour | | | 100 mL | | |
| Heavy Metals except | ot Cr(VI) & Total-P (Remark | × | 9 mL | PE, washed with nitric acid | Acidify to pH 2 with HNO3 and store at 2-8°C |
| 2. Cyanide | | | 500 mL | Ambor Glass, washed with pesticide grade acctone | Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% |
| 3. Cr(VI) | | V | 95 mL | | Na ₂ S ₂ O ₃ , and store sample at 2-8°C Filter by 0.45µm filter in field, fill to full container without air gap; adjust pH to 9.0-9.5 by adding |
| 4. Chemical oxygen de | omand (COD) | | 150 mL | | ammonium buffer. Store sample at 2-8°C |
| Phonois | | | 500 mL | Amber Glass; washed with nitric acid | Acidify to pH 2 with H ₂ SO ₄ |
| 5. Oil and Grease & T- | otal Hydrocarbon | | - | | Store sample at 2-8°C |
| 1 ormaldehyde | | | 1000 mL | | Fill to full container without air gap; acidify to pH 2 with |
| | | | 25 ml. | | H ₂ SO ₄ and store sample at 2-8°C |
| Sulfide (Remark 5) | | | 50 mL | PE, washed with pesticide grade Acetone; | Fill to full container without air gap; add 2 drops of 2M zinc acetate, adjust pH to 9 with 6M NaOH Store sample at 2-8°C |
|). Total Coliform (Rem | | | 125 mL | PE, clean, sterile, | Add 0.05 ml of 10% Na2 ₃ 2O ₃ |
|). Faecal Coliform (Re | mark 6) | | 125 mL | non-reactive | Store sample at 2-8°C |
| Persistent foam | | | N.A. | Foam higher than 45 cm (visu | al estimation): Yes / No |
| Sulfito | | | 100 mL | Amber Glass, washed with pesticide grade acetone | Add 1mL of 2.5% EDTA, 0.5g zinc acetate Store sample at 2-8°C |
| Total-N | | | 100 ml. | | |
| Ammonium-N | mmonium-N | | 500 mL | | Acidify to pH 2 with H ₂ SO ₄ Store sample at 2-8°C |
| Adsorbable organica | ally bound halogens (AOX) | | 100 mL | | store sample at 2-0 G |
| Acute aquatic toxicit minus Bacteria, Fish | | | 1000 mL | Ambor Glass;washed with nitric acid; | |
| Sulphate | | | 100 mL | | Without adding acid Store sample at 2-8°C |
| . Chlorido | | | 100 mL | | |
| Others: | | | | | |
| oservation/ Remark: | | | | | |
| The minimum samplin Scope of ZDHC guide Scope of synthetic les Scope of MMCF: Free primary aromatic Refer to CPSD-AN-GO Refer to CPSD-AN-00 | line: Parameter 1-9, 12, 14-17 ther industry: Parameter 1-9, Parameter 5, 15, 17, 19-21, : ; amine, pesticides, nitrosamin 20019-STIP01, loactions with t | 19-26, 28, 29 12, 14-21, 23-2 23 - 26, 28, 33- e and formalde hose CPSD tes treatment of su field blank for s | , 31-35 6, 28, 30, 31, 33, 36 hyde are not in the t capability inside lfide if only dissolv | e scope of ZDHC Guidline, they are tested upon r TCD matrix can porform the combined test, red sulfide is required to be tested. | |
| | | | | | |
| proment from factory | | | | | |
| | | | | | |
| mowledgement by fac proby confirmed that B stainer(s) and without | ureau Veritas has completed | the stated samp ample(s) collec | oling activity at cap ted by Bureau Ver | btioned date, time and location. All sample(s) is/ar itas is/are stored in portable freezer / fridge that is | e collected in desinated maintained in 1-9°C |
| gnatory of Factory Rep /22211/0158-GIZ | | Nelmed | Elh | Startining & Weaving Co. 13.4 | 30 May 2022 |



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| | F | ELD DATA R | ECORD ON | ZERO DIS | CHARGE SA | MPLE | | CPSD-AN-00 Issue Date: | 613-DATA 04 | | |
|--|-----------------------|----------------------|--------------------------------|--|---------------------|--|-----------------------|--|----------------------|--|--|
| VEF/ | | | OSITE / INC | | | | | Version No.: | 14 | | |
| STATISTICS STATE | | | | | | | _ | Business Lir | ne: Analytical | | |
| General Data | | | | | | | | | | | |
| Laboratory Sample Nur | nber | 72221170158 | | | | | | | | | |
| Client Name: | noor. | GIZA SPINNING | | COMPANY | | | | | 54 | | |
| Field Contact Person: | | | | COMPANY | Phone No:+2023 | 20000210 Evt 26 | 0 | | - | | |
| Project (Facility Name a | and Addressa) | Mohamed Elhino | 8 | CIZA ECVOT | FIGHE NO. +2020 | 509002 TO EXC 25 | 0 | | | | |
| | | KAFR HAKIM, K | | GIZA-EGTPT | | | | | - | | |
| Sampling Location / De | scription: | AFTER TREAT | | | | | | | - | | |
| Sample Identification: | | Zero discharge | | ari | | | | | - | | |
| Sample Type: | | Composite Sam | | 1 | | | 1 | 0.1 | - | | |
| Name of Sampler: | | Mai F | Hel Mc | horme | Moho | imed | Abou- | Seid | | | |
| Discharge mode: | | Direct discharge t | o environment (Sp | ecify destination: F | tiver, Sea, Stream. |) OR Indirect disc | charge to sewage | treatment plant | - | | |
| Date of collection: | | 30.2. | dedd | | | | | | | | |
| Factory Type: | | Dyeing / Printing | | | please specify): | | | | | | |
| | | TNOTE: It would be | selected more that | in one | | | | | | | |
| Field Data for Wastew Arrival Time: | vater | | | Deperture T | | | | 1 | | | |
| Field Parameters | | pH : | | Departure Time | | Color | | Elou arte i | hallowerter | | |
| | | pH : | | Temp : | °C | Color : | | Flow rate : | (volume/min) | | |
| Control No. of field equ | - | | - 6 | <u> </u> | | | | | | | |
| Factory with effluent tre | saunent plant: | 197 | <u> </u> | es | | | 1 | No | | | |
| Cample motive | | | Incoming water (If required) | | | | | | | | |
| Sample matrix: | | | Wastewater before treatment | | | | | | | | |
| Pomolos op 11 | | x | vvastewater afte | er treatment – wa | ter at discharge p | point | | | | | |
| Sampler container nurr | bei | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| Recording time | ID | | | 10 0 | 1 0 | | 0.5 | | | | |
| | Time | 10:00 am | 11:00 am | 12:00 Pm | 1: DOPM | 2:00pm | SEOPM | | | | |
| pH : | | 1 | 7 | 7' | <u> </u> | <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> | J. | | | | |
| Temp (°C): | | 27.2 °C | 28.9°C | 29.30 | 31.3 °C | 31.72 | 32.32 | | | | |
| Color (visual estimation | | Light Yellow | 1. yellow | 1. Jellow | lightblue | 1. blue | L.blue | | | | |
| Flow rate (volume/time |) | 0 0 | 0 | 0 | 0 | | | | | | |
| Volume collected, mL | | | | | | | | | | | |
| Total volume collected | - | | Remark: Total v | olume collected | must be greater t | han total of samp | ole size required | | | | |
| Analysis Required an | d Preservation Method | | | | | | | | | | |
| | MRSL Parameters) | Test required (√) | Total of sample size | 1 | Гуре of containe | r | Pr | reservation met | hod | | |
| | 1. Phthalate | 4 | | | | | | | | | |
| Combined test | 2. Chlorobenzenes, | × | 1000 mL total | | | | | | | | |
| or Individual test | Chlorotoluene & PAH | | or | | | | | | | | |
| (Remark 4) | 3. SCCPs | 1 | 1000 mL each | | | | | | 1 | | |
| | 4. APS | V | | | | | - | | | | |
| 5. APEOs | | V | 100 mL | | | | | | | | |
| 6. Chlorophenols & Cre | esols | 1 | 100 mL | 1 | | | | | | | |
| 7 Flame retardant | | 1 | 500 mL | | | | | | | | |
| | | | | | | | | Without adding aci | | | |
| 8. Dyes | | V | 10 mL | Amber Glass,washed with nitric acid, Store sample at 2-8'1 | | aampie at 2*0 | | | | | |
| 9. Glycol | | V | 50 mL | | | | | | | | |
| 10. *Pesticides | | | 1000 mL | | | | | | | | |
| 11. *Nitrosamine | | | 10 mL | | | | | | | | |
| | | | | | | | | | | | |
| 12. Banned Azodyes | | V | 2000 mL | | | | | | | | |
| 13. *Free primary arom | atic amines | | 500 mL | | | | | | | | |
| 14. Organotin Compou | nds | V | 500 mL | | | | | | | | |
| 15. VOC & Halogenate | d Solvents (Remark 6) | 1 | | | | | Fill to full containe | er without air oan | acidify to pH 2 with | | |
| | | N | 10 mL | Н | | | HCI a | container without air gap; acidify to pH 2 with HCI and store sample at 2-8°C | | | |
| | 16. PFCs (Remark 6) | | 2 mL PE, washed with pesticide | | | | | Without adding acid Store sample at 2-8°C | | | |



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| | FIE | | | ZERO DISCHARGE SAMPLE DIVIDUAL SAMPLING) | CPSD-AN-00613-DATA 04 Issue Date: Version No.: 14 |
|--|---|--|---|--|---|
| | | (001111 | 001121111 | | Business Line: Analytical |
| Tosta (Cor | ntional Parameters) | Test required | Total of sample | Tunn of produing | Branautian |
| | 17. Total suspened solids | (√) | size | Type of container | Preservation method |
| Combined test or Individual test | (TSS) | 1 | 2000 mL total or | | |
| (Remark 4) | 18. Total dissolved solids (TDS) | | 2000 mL each | Amber Glass, washed with nitric acid, | Without adding acid Store sample at 2-8°C |
| | Dxygen Demand (BOD5) | Ń | 1000 mL | | |
| 0. Colour | 0.000.07.100.00 | Ń | 100 mL | | |
| Heavy Metals excep | ot Cr(VI) & Total-P (Remark | Ń | 9 mL | PE, washed with nitric acid | Acidify to pH 2 with HNO3 and store at 2-8°C |
| 22 Cyanide | | N | 500 mL | Amber Glass, washed with pesticide grade acetone | Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na ₂ S ₂ O ₃ , and store sample at 2-8°C |
| 23. Cr(VI) | | N | 95 mL | | Filter by 0.45µm filter in field, fill to full container without air gap; adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C |
| 24. Chemical oxygen de | emand (COD) | Ń | 150 mL | | |
| 25. Phenols | | × | 500 mL | Amber Glass; washed with nitric acid | Acidify to pH 2 with H ₂ SO ₄ Store sample at 2-8"C |
| 26 Oil and Grease & To | otal Hydrocarbon | × | 1000 mL | | |
| 27. *Formaldehyde | | | 25 mL | | Fill to full container without air gap; acidify to pH 2 with H ₂ SO ₄ and store sample at 2-8°C |
| 28. Sulfide (Remark 5) | | × | 50 mL | PE, washed with pesticide grade Acetone; | Fill to full container without air gap; add 2 drops of 2M zinc acetate, adjust pH to 9 with 6M NaOH Store sample at 2-8°C |
| 29. Total Coliform (Rem | ark 6) | Ń | 125 mL | PE, clean, sterile, | Add 0.05 ml of 10% Na2 ₅ 2O ₃ |
| 30 Faecal Coliform (Re | mark 6) | | 125 mL | non-reactive | Store sample at 2-8°C |
| 31. Persistent foam | | × | N.A. | Foam higher than 45 cm (visu | al estimation): <u>Yes / No</u> |
| 32. Sulfite | | ~ | 100 mL | Amber Glass, washed with posticide grade acetone | Add 1mL of 2.5% EDTA, 0.5g zinc acetate Store sample at 2-8°C |
| 33. Total-N | | Ń | 100 mL | E. | |
| 34. Ammonium-N | Ammonium-N | | 500 mL | | Acidify to pH 2 with H ₂ SO ₄ Store sample at 2-8°C |
| 35. Adsorbable organica | ally bound halogens (AOX) | N. | 100 mL | | |
| Acute aquatic toxicit uminus Bacteria; Fish | | | 1000 mL | Amber Glass;washed with nitric acid; | |
| 37. Sulphate | | | 100 mL | | Without adding acid Store sample at 2-8°C |
| 38. Chloride | | | 100 mL | | - 1 N-11 - 1 |
| 39. Othors | | | | | |
| Observation/ Remark: | | | | | |
| The minimum samplin Scope of ZDHC guide Scope of synthetic least scope of MMCF: Free primary aromatic Refer to CPSD-AN-Go Refer to CPSD-AN-OC | eline: Parameter 1-9, 12, 14-1 ather industry: Parameter 1-9 Parameter 5, 15, 17, 19-21 c amine, pesticides, nitrosami 00019-STIP01, loactions with | line is 6 hours wi 17, 19-26, 28, 29, , 12, 14-21, 23-2 , 23 - 26, 28, 33- ine and formalde those CPSD tes retroatment of su | 31-35 6, 28, 30, 31, 33, 36 hyde are not in th it capability inside lifde if only dissol | e scope of ZDHC Guidline, they are tested upon p TCD matrix can perform the combined test, ved sulfide is required to be tested. | |
| - Herenio, Ch2D-AN-0 | uo to-with the for preparation of | or neid blank for s | specific paramete | rs. | |
| Recorded by: | ÷ | | | Date: | |
| | Full name: | | | | |
| Comment from factory | | | | | |
| | , | | | | |
| kcknowledgement by fac | clory | | | | |
| hereby confirmed that I | Bureau Veritas has complete | d the stated sam | oling activity at ca | ptioned date, time and location. All sample(s) is/a | re collected in desinated |
| ontainer(s) and without lignatory of Factory Rep 72221170158-GI2 | any observation in leakage. | Sample(s) collec | ted by Bureau Ve | ritas is/are stored in portable freezer / fridge that i | s maintained in 1-6°C |



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APPENDIX D – Limitation Value of Legal Requirements

| | جدول رقم (۵) مقابل أعباء معالجة صرف المنشآت الصناعية المخالف لمعايير القرار الوزارى رقم ٤٤ لسنة ٢٠٠٠ | | | | | | | | | |
|-----------------------|--|----------------------------------|----------------------|--|--|--|--|--|--|--|
| مهلة توفيق الأوضاع | مقابل أعباء التنقية (جنيه / م ^٣) | التركيزات (جرام/م ^٣) | اللوثـــات | | | | | | | |
| ٦ أشهر | ۴ | أكبر من ٦٠٠ - أقل من ٦٦٠ | الأكسجين الحيرى | | | | | | | |
| ۳ أشهر | ٩ | ۹۹۰ – أقل من ۲۰۰۰ | المتص | | | | | | | |
| أسبوعين | ١٨ | ۲۰۰۰ فأكثر | (BOD) | | | | | | | |
| ۳ أشهر | 2 | أكبر من ۱۲۰۰ - أقل من ۲۰۰۰ | الأكسجين الكيميائي | | | | | | | |
| شهرين | ۱۸ | ۲۰۰۰ – أقل من ۲۰۰۰ | المتص | | | | | | | |
| أسبوع | ۳۰ | ۰۰۰ فأكثر | (COD) ^(*) | | | | | | | |

^(*) عند مخالفة السيب النهائي للمنشأة الصناعية في (BOD & COD) مجتمعين يتم تخفيض مقابل الـ COD بنسبة (٤٠٪) .

| مهلة توفيق الأوضاع | مقابل أعباء التنقية (جنيه / م ^٣) | التركيزات (جرام/م٣) | الملوثسات |
|-----------------------|--|-----------------------------|------------------|
| ٦ أشهر | ۲ | آکبر من ۸۰۰ - أقل من ۸۸۰ | المواد الصلبة |
| ۳ أشهر | 0 | ۸۸۰ – أقل من ۳۰۰۰ | العالقة |
| أسبوع | ١٥ | ۳۰۰۰ قأكثر | (TSS) |
| أسبوع | ٦. | أقل من ۲ وأكبر من ۱۲ | الأس الهيدروجيني |
| أسبوعين | ¥. | من ۲ وحتی ٦ ومن ٩,٥ وحتی ۱۲ | (PH) |
| شهر | ١. | أكبر من ۱۰۰ - أقل من ۱۰۰ | الزيوت والشحوم |
| أسيوعين | ۲٥ | ۱۰۰۰ فأكثر | (O&G) |

| ی ۳۱ مایو سنة ۲۰۱۸ | لعدد ۲۲ (تابع) ف | ۸ الجريدة الرسمية – اا |
|--------------------|------------------|------------------------|
|--------------------|------------------|------------------------|