

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-						
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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	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
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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	
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$ \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$						
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$ \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 $106-44-5$ <	-					
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$						
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$ \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
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$ \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

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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
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