

TEST REPORT

Technical Report: (6820)179-0182 July 14, 2020

Date Received: June 25, 2020 Page 1 of 23

Factory Company Name: Taqwa Fabrics Ltd.

Factory Address: Kewa, Boherarchala, Gila Beraeed, Sreepur, Gazipur, 1740, Bangladesh.

Client Reference No.:

Sample Method: I001) Raw Wastewater (1) – 6 hours Time – weighted Composite

I002) Treated Wastewater - 6 hours Time - weighted Composite

I003) Sludge - Grab

Sample Pick Up Date: June 25, 2020 Discharge Type: Direct Discharge

On-Site Effluent Treatment Plant

(ETP):

Yes

Wastewater Discharge to: Lo
Off-site ETP name (if applicable): No

Off-site ETP address (if

applicable):

Local Canal Not Applicable Not Applicable

Test Period: June 27, 2020 To July 14, 2020

Sample Description:

I001) Light brown / brown / blue / black color liquid - Raw Wastewater (1)

I002) Light red color liquid - Treated Wastewater

I003) Black color mud - Sludge

REMARK

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

General enquiry Mr. Sharan Roy, Mail: sharan.roy@bureauveritas.com

Invoicing Mr. Mahabubur Rahman, Mail: mahabubur.rahman@bureauveritas.com

Technical enquiry-Chemical Mr. M. Nur Alam, Mail: nur.alam@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.

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (BANGLADESH) LTD.

M. NUR ALAM SENIOR MANAGER

ANALYTICAL LABORATORY

Bureau Veritas Consumer Products Services (BD) Ltd. Plot # 130, DEPZ Extension Area Ganakbari, Savar, Dhaka, Bangladesh Tel: 88-02-7701464-6, Fax: 88-02-7701463 E-mail: bvcps.bd@bd.bureauveritas.com website: cps.bureauveritas.com

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/nome/about-us/our-business/cgs/about-us/eur-bus-conditions/ain 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 omission caused by our negligence or if you require measurement uncertainty, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the



(6820)179 - 0182

July 14, 2020 Page 2 of 23

Executive Summary

1A) Conventional Parameters	I001	1002	1003
Temperature			
TSS			
COD			
Total-N			
pH Value			
Color [m ⁻¹] (436nm; 525nm; 620nm)			
BOD ₅			NR
Ammonium-N			NK
Total-P	ND		
AOX	NR		
Oil and Grease			
Phenol			
Coliform			
Persistent Foam			
ANIONS – Cyanide			0
ANIONS - Sulfide			NR
ANIONS - Sulfite			INK
Dry mass (Total Solids)		NR	See Result
1B) Conventional Parameters –METALS			0

Note / Key:

- \square Meet Foundational Limit / Meet discharge License Criteria
- ■ Exceeding Foundational Limit / Exceeding discharge License Criteria
- NR Not Requested / Not required
- • Detected (For sludge only)
- o Not Detected (For sludge only)
- N/A Not Applicable

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

Note / Key:

- ● Detected
- o Not Detected
- NR Not Requested / Not required



(6820)179-0182 July 14, 2020 Page 3 of 23

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 Procedure

Total number of sample collected is based on the actual factory facilities and manufacturing processes. Three environment samples were sampled per factory, 1) Raw Wastewater, 2) Treated Wastewater & 3) Sludge.

Method of sampling used is time-weighted composite samples based on the ZDHC Wastewater Guidelines. Composite sampling is performed for no less than six hours, with no more than one hour between discrete samples. Each discrete sample is of equal volume. Wastewater and freshwater samples is, as much as possible, collected simultaneously, during the time that PU is in normal operation. The sampling aims 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 on-site photos are attached in Appendix A and field data records are attached in Appendix C.



(6820)179-0182

July 14, 2020 Page 4 of 23

Test Result

1A) Conventional Parameters

Temperature

Test Method : Measurement by thermometer

Tested Item(s)	Result	Unit	Conclusion
I002	34.4 (Foundational)	deg. C	DATA

Note:

deg. C = degree Celsius (°C)

Foundational Limit: ▲15 / max. 35°C; Progressive Limit: ▲10 / max. 30°C; Aspirational Limit: ▲5 / max. 25°C

Total Suspended Solids (TSS)

Test Method: Reference to ALPA 2540D, GB 11901, ISO 11923

Tested Item(s)	Result	Unit	Conclusion
I002	26 (Foundational)	mg/L	DATA

Note:

 $mg/L = milligram \ per \ liter$

Foundational Limit: 50 mg/L; Progressive Limit: 15 mg/L; Aspirational Limit: 5 mg/L

Chemical Oxygen Demand (COD)

Test Method : Reference to ALPA 5220B & EPA 410.3, HJ 828

Tested Item(s)	Result	Unit	Conclusion
1002	51 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 150 mg/L; Progressive Limit: 80 mg/L; Aspirational Limit: 40 mg/L

Total Nitrogen (Total-N)

Test Method: Reference to APHA 4500- N-C

ſ	Tested Item(s)	Result	Unit	Conclusion
ſ	I002	18.9 (Foundational)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 20 mg/L; Progressive Limit: 10 mg/L; Aspirational Limit: 5 mg/L



(6820)179-0182

July 14, 2020 Page 5 of 23

pH Value

Test Method: Reference to ALPA 4500-H⁺B & EPA 150.2

-	Unit	Result	
Test Item(s)	-	I002	
Parameter	-	-	
Temp. of sample	deg. C	23.8	
pH value of sample	-	7.8 (Comply with ZDHC WWG requirements)	
Conclusion	-	DATA	

Note:

Temp. = Temperature

deg. C = degree Celsius (°C)

Limit: 6 - 9

Color [m⁻¹] (436nm; 525nm; 620nm)

Test Method : ISO 7887: 2011(E), B

Tested Item(s)	Result	Unit	Conclusion
I002	3.9; 2.9; 1.8 (Progressive)	m ⁻¹	DATA

Note:

Foundational Limit: 7;5;3 m⁻¹; Progressive Limit: 5;3;2 m⁻¹; Aspirational Limit: 2;1;1 m⁻¹

Biochemical Oxygen Demand (BOD₅)

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

Ī	Tested Item(s)	Result	Unit	Conclusion
	I002	12 (Progressive)	mg/L	DATA

Note:

 $mg/L = milligram \; per \; liter \;$

Foundational Limit: 30 mg/L; Progressive Limit: 15 mg/L; Aspirational Limit: 5 mg/L

Ammonium Nitrogen

Test Method: Reference to APHA 4500-NH₃ – B & F 22nd Edition 2012

Ī	Tested Item(s)	Result	Unit	Conclusion
ſ	I002	0.15 (Aspirational)	mg/L	DATA

Note:

 $mg/L = milligram \; per \; liter$

Foundational Limit: 10 mg/L; Progressive Limit: 1 mg/L; Aspirational Limit: 0.5 mg/L



(6820)179-0182

July 14, 2020

Page 6 of 23

Total Phosphorus (Total-P)

Test Method: Reference to APHA 22nd Edition -4500-P.E (2012)

Tested Item(s)	Result	Unit	Conclusion
I002	0.10 (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 3 mg/L; Progressive Limit: 0.5 mg/L; Aspirational Limit: 0.1 mg/L

Adsorbable Organic Halogen (AOX)

Test Method: Reference to IHM - TTI/A-98 (Based on ISO 9562)

Tested Item(s)	Result	Unit	Conclusion
I002	0.90 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 5 mg/L; Progressive Limit: 1 mg/L; Aspirational Limit: 0.1 mg/L

Oil and Grease

Test Method : Reference to APHA 22nd Edition -5520 B (2012)

Tested Item(s)	Result	Unit	Conclusion
I002	1.4 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 10 mg/L; Progressive Limit: 2 mg/L; Aspirational Limit: 0.5 mg/L

Phenol

Test Method : APHA 5530 B & D (2012), EPA 420.1

Tested Item(s)	Result	Unit	Conclusion
I002	0.003	mg/L	DATA
1002	(Progressive)	mg/L	211111

Note:

mg/L = milligram per liter

 $Foundational\ Limit:\ 0.5\ mg/L;\ Progressive\ Limit:\ 0.01\ mg/L;\ Aspirational\ Limit:\ 0.001\ mg/L$

Coliform

Test Method : Reference to ISO 9308-1: 2014

Tested Item(s)	Result	Unit	Conclusion
I002	263 (Foundational)	Bacteria / 100 mL	DATA

Note:

bacteria/100 mL = bacteria per 100 milliliters

Foundational Limit: 400 / 100 ml; Progressive Limit: 100 / 100 ml; Aspirational Limit: 25 / 100 ml;



(6820)179-0182

July 14, 2020 Page 7 of 23

Persistent Foam

Test Method : Visual

Tested Item(s)	Result	Unit	Conclusion
I002	No Foam (Comply with ZDHC WWG requirements)	-	DATA

ANIONS - Cyanide

Test Method: Reference to APHA 22nd Edition-4500-CN. C&E (2012)

Tested Item(s)	Result	Unit	Conclusion
I002	<0.01 (Aspirational)	mg/L	DATA
I003	ND	mg/kg	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 0.2 mg/L; Progressive Limit: 0.1 mg/L; Aspirational Limit: 0.05 mg/L

ANIONS - Sulfide

Test Method : Reference to APHA 4500-S²-D

Tested Item(s)	Result	Unit	Conclusion
I002	0.31 (Foundational)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 0.5 mg/L; Progressive Limit: 0.05 mg/L; Aspirational Limit: 0.01 mg/L

ANIONS - Sulfite

Test Method : Reference to EPA 377.1, APHA 4500-SO₃²⁻ (2012)

Tested Item(s)	Result	Unit	Conclusion
I002	0.5 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 2 mg/L; Progressive Limit: 0.5 mg/L; Aspirational Limit: 0.2 mg/L

Dry mass (total solids)

Test Method : Reference to US EPA 160.3

Tested Item(s)	Result	Unit	Conclusion
I003	6.44	g	DATA



(**6820**)**179-0182**July 14, 2020

Page 8 of 23

1B) Conventional Parameters - METALS

Heavy Metals	I001 (mg/L)	I002 (mg/L)	I003 (mg/kg)
Antimony(Sb)			
Foundational Limit: 0.1 mg/L;	ND	0.004	
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)	
Aspirational Limit: 0.01 mg/L			
Chromium(Cr), total			1
Foundational Limit: 0.2 mg/L;	0.005	0.003	
Progressive Limit: 0.1 mg/L;	(Aspirational)	(Aspirational)	
Aspirational Limit: 0.05 mg/L			
Cobalt(Co)			
Foundational Limit: 0.05 mg/L;	ND	ND	
Progressive Limit: 0.02 mg/L;	(Aspirational)	(Aspirational)	
Aspirational Limit: 0.01 mg/L			
Copper(Cu)			1
Foundational Limit: 1 mg/L;	0.016	0.024	37/4
Progressive Limit: 0.5 mg/L;	(Aspirational)	(Aspirational)	N/A
Aspirational Limit: 0.25 mg/L	, 1		
Nickel (Ni)			
Foundational Limit:.0.2 mg/L;	ND	ND	
Progressive Limit: 0.1 mg/L;	(Aspirational)	(Aspirational)	
Aspirational Limit: 0.05 mg/L	(- 15F - 1111 - 1111)	(F,	
Silver (Ag)			
Foundational Limit: 0.1 mg/L;	ND	ND	
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)	
Aspirational Limit: 0.005 mg/L	(Fispiralional)	(135114131141)	
Zinc(Zn)			
Foundational Limit: 5 mg/L;	0.003	0.034	
Progressive Limit: 1 mg/L;	(Aspirational)	(Aspirational)	
Aspirational Limit: 0.5 mg/L	(rispirational)	(Fishingtonar)	
Arsenic (As)			
Foundational Limit: 0.05 mg/L;	ND	ND	
Progressive Limit: 0.01 mg/L;	(Aspirational)	(Aspirational)	ND
Aspirational Limit: 0.005 mg/L	(rispirational)	(Fishingtonar)	
Cadmium(Cd)			
Foundational Limit: 0.1 mg/L;	ND	ND	
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)	ND
Aspirational Limit: 0.03 mg/L,	(Aspirational)	(1 ispirational)	
Lead(Pb)			
Foundational Limit:0.1 mg/L;	0.001	ND	
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)	ND
Aspirational Limit: 0.03 mg/L,	(Aspirational)	(Aspirational)	
Mercury (Hg)			
Foundational Limit: 0.01 mg/L;	ND	ND	
Progressive Limit: 0.005 mg/L;	(Aspirational)	(Aspirational)	ND
Aspirational Limit: 0.003 mg/L;	(Aspirationar)	(Aspirational)	
Chromium VI(CrVI)	ND	ND	
Foundational Limit: 0.05 mg/L;	ND	ND	ND
Progressive Limit: 0.005 mg/L;	(Aspirational)	(Aspirational)	
Aspirational Limit: 0.001 mg/L			



(6820)179-0182

July 14, 2020

Page 9 of 23

Others Priority Chemical Groups

	$I001 (\mu g/L)$	$1002 (\mu g/L)$	I003 (mg/kg)
2A) APs and APEOs	ND	ND	ND
2B) Chlorobenzenes and Chlorotoluenes	ND	ND	ND
2C) Chlorophenols	ND	ND	ND
2D) Azo Dyes	ND	ND	ND
2E) Carcinogenic Dyes	ND	ND	ND
2F) Disperse Dyes	ND	ND	ND
2G) Flame Retardants	ND	ND	ND
2H) Glycols	ND	ND	ND
2I) Halogenated Solvents	ND	ND	ND
2J) Organotin Compounds	ND	ND	ND
2K) Perfluorinated and Polyfluorinated Chemicals	ND	ND	ND
2L) Phthalates	ND	ND	ND
2M) Poly Aromatic Hydrocarbons	ND	ND	ND
2N) Volatile Organic Compounds	ND	ND	ND

Remark:

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



(6820)179 - 0182

July 14, 2020

Page 10 of 23

APPENDIX A - Photo of the Sample/ Sampling Location

I001) Sampling Point (1) (GPS Location: N 24° 25' 30"; E 90° 32' 30.12")



I001) Sampling Point Surrounding Environment (1) (GPS Location: N 24° 25' 30"; E 90° 32' 30.12")



I001) All sampled bottles with label



I001) pH value



I001) Sample for Phthalate Testing



I001) Packaging





(6820)179 - 0182

July 14, 2020 Page 11 of 23

APPENDIX A - Photo of the Sample/ Sampling Location

I002) Sampling Point (GPS Location: N 24° 25' 30"; E 90° 32' 30.12")



I002) Sampling Point Surrounding Environment (GPS Location: N 24° 25' 30"; E 90° 32' 30.12")



I002) All sampled bottles with label



I002) pH value



I002) Sample for Phthalate Testing



I002) Packaging





(6820)179 - 0182

July 14, 2020

Page 12 of 23

APPENDIX A - Photo of the Sample/ Sampling Location

I003) Sampling Point (GPS Location: N 24° 25' 30"; E 90° 32' 30.12")



I003) Sampling Point Surrounding Environment (GPS Location: N 24° 25' 30"; E 90° 32' 30.12")



I003) Sample for Phthalate Testing



I003) Packaging



I003) All sampled bottles with label





(**6820**)**179-0182** July 14, 2020

Page 13 of 23

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	AI LO 1-10
	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
	2,4-Dichlorotoluene	95-73-8	0.2	0.2	GC/MS
	2,5-Dichlorotoluene	19398-61-9	0.2	0.2	
	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	
	2,3,6-Trichlorotoluene	2077-46-5	0.2	0.2	
	2,4,5-Trichlorotoluene	6639-30-1	0.2	0.2	_
	2,4,6-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	0.5	0.05	USEPA 8270 D
	3-Chlorophenol	108-43-0	0.5	0.05	Solvent extraction,
2C. Chlorophenols	4-Chlorophenol	106-48-9	0.5	0.05	derivatisation with
z. zopnenous	2,3-Dichlorophenol	576-24-9	0.5	0.05	KOH, acetic anhydride
	2,4-Dichlorophenol	120-83-2	0.5	0.05	followed by GC/MS
	2,5-Dichlorophenol	583-78-8	0.5	0.05	



(**6820**)**179-0182**July 14, 2020 Page 14 of 23

			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/(ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	2,6-Dichlorophenol	87-65-0	0.5	0.05	
	3,4-Dichlorophenol	95-77-2	0.5	0.05]
	3,5-Dichlorophenol	591-35-5	0.5	0.05	
	2,3,4-Trichlorophenol	15950-66-0	0.5	0.05	
	2,3,5-Trichlorophenol	933-78-8	0.5	0.05	
	2,3,6-Trichlorophenol	933-75-5	0.5	0.05	
	2,4,5-Trichlorophenol	95-95-4	0.5	0.05	
	2,4,6-Trichlorophenol	88-06-2	0.5	0.05	
	3,4,5-Trichlorophenol	609-19-8	0.5	0.05	
	2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.05	
	2,3,4,6-Tetrachlorophenol	58-90-2	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-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	1
	4-Chloroaniline	106-47-8	0.1	0.2	
	3,3`-Dimethoxybenzidine	119-90-4	0.1	0.2	-
	3,3`-Dimethylbenzidine	119-93-7	0.1	0.2	
	6-methoxy-m-toluidine (p-	120-71-8	0.1	0.2	
	Cresidine)	127 17 7	0.1	0.0	-
	2,4,5-Trimethylaniline 4,4`-Thiodianiline	137-17-7	0.1	0.2	
	4-Aminoazobenzene	139-65-1 60-09-3	0.1	0.2	
	4-Ammoazobenzene 4-Methoxy-m-	60-09-3	0.1	0.2	EN 14362.
2D. Dyes - Azo	phenylenediamine	615-05-4	0.1	0.2	Reduction step with
(Forming Restricted Amines)	4,4`-Methylene-di-o- toluidine	838-88-0	0.1	0.2	Sodiumdithionite, solvent extraction,
,	2,6-Xylidine	87-62-7	0.1	0.2	GC/MS or LC/MS
	o-Anisidine	90-04-0	0.1	0.2	1
	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	
	Benzidine	92-87-5	0.1	0.2	
	o-Toluidine	95-53-4	0.1	0.2	
	2,4-Xylidine	95-68-1	0.1	0.2	
	4-Chloro-o-toluidine	95-69-2	0.1	0.2	
	4-Methyl-m- phenylenediamine	95-80-7	0.1	0.2	
	o-Aminoazotoluene	97-56-3	0.1	0.2	1
	5-nitro-o-toluidine	99-55-8	0.1	0.2	1
	C.I. Direct Black 38	1937-37-7	500	10	
	C.I. Direct Blue 6	2602-46-2	500	10	1
	C.I. Acid Red 26	3761-53-3	500	10	-
	C.I. Acid Red 20 C.I. Basic Red 9	569-61-9	500	10	1
2E. Dyes-	C.I. Direct Red 28	573-58-0	500	10	1
Carcionogenic or	C.I. Basic Violet 14	632-99-5	500	10	Liquid Extraction
Equivalent Concern	C.I. Disperse Blue 1	2475-45-8	500	10	LC/MS
	C.I. Disperse Blue 3	2475-46-9	500	10	1
	C.I. Basic Blue 26 (with	2580-56-5	500	10	
	Michler's Ketone > 0.1%)			10	-
	C.I. Basic Green 4	569-64-2	500	10	



(**6820**)**179-0182**July 14, 2020 Page 15 of 23

			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	50	2	
	Disperse Blue 102	12222-97-8	50	2	
	Disperse Blue 106	12223-01-7	50	2	
	Disperse Yellow 39	12236-29-2	50	2	1
	Disperse Orange 37/59/76	13301-61-6	50	2	1
	Disperse Brown 1	23355-64-8	50	2	
	Disperse Orange 1	2581-69-3	50	2	1
	Disperse Yellow 3	2832-40-8	50	2	
2F. Dyes-disperse	Disperse Red 11	2872-48-2	50	2	Liquid Extraction
(sensitizing)	Disperse Red 1	2872-52-8	50	2	LC/MS
(sensually)	Disperse Red 17	3179-89-3	50	2	
	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	
	Disperse Yellow 9	6373-73-5	50	2	-
	Disperse Orange 3	730-40-5	50	2	4
	Disperse Blue 35	56524-77-7	50	2	
	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	5	1	
	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	100 22022 HSEDA 527
2G. Flame	Tris(aziridinyl)- phosphineoxide (TEPA)	545-55-1	5	1	and USEPA8321B.
Retardants	Polybromobiphenyls (PBBs)	59536-65-1	5	1	Dichloromethane extraction GC/MS or LC/MS(-MS)
	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



(**6820**)**179-0182**July 14, 2020 Page 16 of 23

			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	TIGER 1 00 400
2I. Halogenated	Methylene Chloride	75-09-2	1	2	USEPA 8260B
Solvents	Trichloroethylene	79-01-6	1	2	Headspace GC/MS or
	Tetrachloroethylene	127-18-4	1	2	Purgeand-Trap-GC/MS
	Mono-, di- and tri-		0.01	0.2	
	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	1
2J. Organotin	Dimethyltin	Multiple	0.01	0.2	ISO 17353
Compounds	Trimethyltin	Multiple	0.01	0.2	Derivatisation with
	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	1
	Diphenyltin	Multiple	0.01	0.2	1
	Triphenyltin	Multiple	0.01	0.2	
	Monooctyltin	Multiple	0.01	0.2	
	Dioctyltin	Multiple	0.01	0.2	
	Trioctyltin	Multiple	0.01	0.2	1
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01	0.10	DIN 38407-42
OM D. Cl	Perfluoro-n-octanoic acid (PFOA)	335-67-1	0.01	0.10	(modified) Ionic PFC:
2K. Perfluorinated 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,
	6:2 FTOH	647-42-7	1	1	followed by GC/MS
	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	2	
OI Dhebalata	Dimethoxyethyl phthalate (DMEP)	117-82-8	10	2	LICEDA 9270D ICO
2L. Phthalates (including all other esthers of phthalic	Di-n-octyl phthalate (DNOP)	117-84-0	10	2	US EPA 8270D, ISO 18856 Dichloromethane
acid)	Di-iso-decyl phthalate (DIDP)	26761-40-0	10	2	extraction GC/MS
	Di-iso-nonyl phthalate (DINP)	28553-12-0	10	2	
	Di-n-hexyl phthalate	84-75-3	10	2	



(**6820**)**179-0182**July 14, 2020 Page 17 of 23

			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/(ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	(DnHP)				
	Dibutyl phthalate (DBP)	84-74-2	10	2	
	Butyl benzyl phthalate (BBP)	85-68-7	10	2	
	Dinonyl phthalate (DNP)	84-76-4	10	2	
	Diethyl phthalate (DEP)	84-66-2	10	2	
	Di-n-propyl phthalate (DPRP)	131-16-8	10	2	
	Di-iso-butyl phthalate (DIBP)	84-69-5	10	2	
	Di-cyclohexyl phthalate (DCHP)	84-61-7	10	2	
	Di-iso-octyl phthalate (DIOP)	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-C6-8-branched alkyl esters, C7-rich (DIHP)	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[e]pyrene	192-97-2	1	0.2	
	Indeno[1,2,3-cd]pyrene	193-39-5	1	0.2	
	Benzo[j]fluoranthene	205-82-3	1	0.2	
2M. Poly Aromatic	Benzo[b]fluoranthene	205-99-2	1	0.2	DIN 38407-39
Hydrocarbons	Fluoranthene	206-44-0	1	0.2	Solvent extraction
(PaHs)	Benzo[k]fluoranthene	207-08-9	1	0.2	GC/MS
(1 4113)	Acenaphthylene	208-96-8	1	0.2	GC/WB
	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	
	Fluorene	86-73-7	1	0.2	
	Naphthalene	91-20-3	1	0.2	
	Benzene	71-43-2	1	2	
2N. Volatile	Xylene	1330-20-7	1	2	ISO 11423-1
Organic Compound	o-cresol	95-48-7	1	2	Headspace- or Purge-
(VOCs)	p-cresol	106-44-5	1	2	and-Trap-GC/MS
	m-cresol	108-39-4	1	2	
	Temperature	_	N/A	N/A	Apply the standard
	TSS	_	N/A	N/A	methods that best apply
	COD	_	N/A	N/A	to the region (ISO, EU,
1A. Conventional	Total-N	_	N/A	N/A	US, China), please refer
Parameters	pH Color [m ⁻¹] (436nm;	_	N/A N/A	N/A N/A	to ZDHC Wastewater Guidelines for more
	525nm; 620nm) BOD5	- -	N/A N/A	N/A N/A	details on the testing method and the levels



(6820)179 - 0182

July 14, 2020 Page 18 of 23

			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	1_	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
	D E		Not	Not	4500 CN—B,C&E and
	Persistent Foam	_	visible	visible	followed by UV
	ANIONS	•			analysis
	Cyanide(CN-)	Various (incl. 57-12-5)	0.02	1	
	Sulfide	-	N/A	N/A	
	Sulfite	_	N/A	N/A	
			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (mg/L) / (ppm)	Sludge (mg/kg) / (ppm)	Name of the testing method
	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	1
	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

Remark: The report [(6820)179-0182] was sub-contracted to India (Testtex India Laboratories Pvt. Ltd) for Perfluorinated Chemicals, Flame Retardants, Coliform, Total-N & AOX Tests.



(**6820**)**179-0182**July 14, 2020

Page 19 of 23

APPENDIX C – Onsite Field Data Record Sheet

		FIELD I	DATA (CON	RECOR	O ON	ZERO	DIS AL	SCHARG SAMPLI	SE SAMP	LE		Iss	ue Da	No.: 12 Se Line: An		
<u> </u>			- AIRCE CO		(687	D	017	9-	01	182			_		
<u>#31.0</u> 31å	une different	-			-					11	322/6/1	1				
ant teams.		- N	11 1	Monzi	n	Alar	m	Phone	No: O \ I	5n	expun	Ga	Zif	sur.		
- ceetan	(Picredia		Cont	No FO	(6)	sics	4	d, K	_رےسے	-						
wart (Fac	inty Name and Addr		6 1	. 1 0	011	1 7	_									
engalista Lo	ocation / Description			narge with sa			ase de	elete as app	ropriate)				_		3,	
engle liu	estatication.	<u>c</u>	omposit	Sample / U	7.	elam				00 10	ndiract discharge	to sewage t	restme	at pinet		
oursple tw serves of S	ampet.	-	H	-harme to envi	ronmen	(Specify d	estina	tion: River, S	ea, Stream)	OR II	idi (44					
nernand Nernand		-	2.5	5.06.	10	_/		1	- specify):	_			_			
Some of the	glast or E		1	District I W	ashing	/ Finishin	g / Ot	hers (pleas	apacity	18						
ring T			·Note: It	would be sale	cted me	ore than on					:00pm	-	7			
	(11-11-11-11-11-11-11-11-11-11-11-11-11-		-	oo pn	7	De	partur	re Time		Cole			Flov	v rate :	(volume/min)	1
Fleid Ra	to for Visitewater		DH.	20 11	-	Te	mp:		°C	Con	or .					1
Field Pa	strameters		Iph.							-	MILLS.		No			
- server	Mo. of field equipme	ant	+	~		Yes		iraci)					-			
#- ac(0)	with officers treatment	ent plant				g water (I	- 1100	trament				-	_			1
1				V	Vastev	vater after	treat	ment – wate	r at discharge	pair	12 1	12	T		-	+
Same	a matrix		-	12	17		1	2_	10	+	5	6		7	8	-
Samo	ant boolstoot numbs		4	-				3	4	+						1
-		1 10	+				-	- an am	4.001	on	51.00pm	6:0	9		-	
	recing time	Time	1:	oopm	2.	30 pm	13	7.0	2.6	1	5:00pm	7.0	4			
1				8.5	1 9	6.2	1 4	13	41		360	20	_			
pH	-			34.5	1	Lue	1.0	Snows	black		brown 98	11				-
ET AN	rip (°C)		7.	f, brown	1	116		116	87 167X	15	11/2 X12	167X	12			-
in a	overale occurrentime		1/5 6	1- HAIL	15	ZXtz	10	67X12	- IG +/	ater	than total of sa	mple size r	equire	4		_
V.	murch to locana ml.		11	2,024	Rei	nark: Tota	l volu	ime collecte	d IIIdat be a							-
iTe	otal valume collector									-				Preservation	method	
,0	galysis Fenuired I	and Preservation Moting	0	Test requir	ed	Total of sample si:	ze		Type of co	man		+				
	Tasts (ZDF	1C MRSL Parameter	-		-											
		1 Phinalate 2 Chlorobenzanes		-	=	1000 mL t	otal									
	Command lest or	Chlorotoluene & r	AH	1	=	1000 mL	each									1
	(ibenhark 4)	3 SCCPs	-	-	-											
		4 APS		-	-	100 n	nL									
	5 APED			-	-	1001	mL.	A	mber Glass,wa	shed	with nitric sold.			Vitteral I	adding acid mple at A.C.	
	c rist reprincis	s Crascis			=	500	mt.		mber Gissa.vi rinsed th distillate dired	in wa	ter and					
	7 Flacto retrodat			-	-	10			qued		20160					
					_		mL									
	P. Liyes						0 mL	1								
	a Gillani			X	>_	-		-								
	+0 4.Helloides			7	5	_	mL.									
	11 Tatrosamin				_	-	00 ml								HCI and store st	mple at
	12. Fanned Az	Salvas - Salvas			X	5	00 mt	-	-				Acid			
		nary promatic amines	-		~	1 5	00 m	L	Amber Glas	s, wa	shed with nitric a	cid	Fill to f	HOLES	taine political to	rG
	ta Cirginistii	Compounds	mark 6)		/		10 m	L	pE w	ashes	with pasticide			Stor	re sample of 6°C	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	alopenated Solvents (Re	111111111111111111111111111111111111111		-		2 ml	L	12	grade	Acatone		19.51			
	17-71	0.AN-00613-DATA 64-FI														



(6820)179-0182 July 14, 2020 Page 20 of 23

				- WALLANCE CAMPLE	CPSD-AN-00613-DATA 0
	FIE	LD DATA R	ECORD ON	ZERO DISCHARGE SAMPLE	Version No.: 12
		(COMP	OSITE / INDI	VIDUAL SAMPLING)	Business Line: Analytical
1/2					
154			Total of sample	Type of container	Preservation method
Tests (Conver	ntional Parameters)	Test required (V)	size	Type or contains	
Camplined less	17. Total suspensed solids	X	2000 mL total	Amber Glass, washed with nitric acid,	con a salatan delet
0.0	(TSS)		or 2000 mL each	rinsed thoroughly with distillated water and	Without adding dold Store sample at 6°C
treff deine tust (Famers 4)	18. 'Total dissolved solids (TDS)	X	2000 IIL each	dried before use	
	Oxygen Demand (BOD5)	×	1 000 mL		Acidify to pH 2 with HNO ₃ and store at 6°C
t Lean v Motals exce	ept Cr(VI) & Total-P (Remark	X	9 ml.	PE, washed with nitric acid	the state field fill to full container
1		X	95 mL	Amber Glass, washed with posticide grade acatone	without air gep; adjust pH to 90.95 by adding ammonium buffer. Store sample at 6°C 1; Adjust pH 12 with 50% NaOH, add 0.05 mt of 10°C.
1. GNV1				Amper Class, Hashing	Adjust pH 12 with 50% NACH, and 5.50 h S Na ₂ S ₂ O ₃ , and store sample at 6°C
2 (3ym) (de		X	500 ml.		Acidify to pH 2 with H ₂ SO ₂
23 Coamist oxygen	demand (COD)	X	150 mL		Store sample at 5°C
	Carlo de la companione de	X	500 mL	Amber Glass, washed with nins acid	Fill to full container without air gap, acidify to pH 2
24, Phace's		-	25 mL		
ps. *Parmaleshyda		X	-	PE, washed with pesticide	Fill to full container without air gap; add 2 drops of zinc acetale, adjust pH to 9 with 6M NaOH
26. Sulfide (Harnary	51	X	50 mL	grade Acetone	Store sample at 6°C Add 0.05 ml of 10% Na ₃ S ₂ O ₃ , acidity to pH 2 wi
		X	100 mL	Amber Glass, washed with nitric acid	H-SO, Store sample at 0.0
27. Adammeric organ	nically bound halogens (AOX)			PE, clean, sterile,	Add 0.05 mt of 10% Na25203, Store sample at 6°C
28. Taku Colform (R		X	125 mL	non-resctive	ual estimation): Yes / No.
29. Pyromet team		X	N.A.		1 and test of 2.5% EDTA, 0.5g zinc acetate
		K	100 mL	Ambor Glass, washed with pesticide grade acetone	Store sample at 6°C
m' Schol		1	100 mL	Amber Glass with wide-mouth PTFE lid, washed with	
31. Total-N		-		nitric sold;	Acidify to pH 2 with H2SO4
32 Anviennin-N		X	500 mL		Store sample at 6°C
35. Citing Greate		×	1000 mL	Amber Glass: washed with nitric acid.	
		X	1600 mL		
34. Ten Hydricari		×	1000 mL		100
35. Luciona Docum	nis Toxiciy			Amber Glass, washed with nitric acid, rinsed thoroughly with distillated water and	Without adding add Store sample at 6°C
3-5. Seq 8:30			100 mL	dried before use	
		X	100 mL		
32 Cal eco		1			
37 Chlese					
32 Chliste 58 Chris					The second secon
	gark:				i i
Costant story Rem *Remarks 1, indiversal semple 2. The resimum 3. Sequent 2DH *Remarks smill	pling can be performed upon re sempling time for 2016 ZDHC IC guideline: Parameter 1, 2, 4 traffic templer industry: Parameter	ter 1, 2, 4-9, 12.	14-17, 19-33	nan one hour between discrete samples. Sampling	
Costant story Rem *Remarks 1, indiversal semp 2. The resimum 3. Sergiled LDH Sergiled Semp Sergiled LBH Sergiled Semp	pling can be performed upon re- sampling time for 2016 ZDHC IC guidoline: Parameter 1, 2, 4 trotte to other industry: Parameter CE: Parameter 4, 5, 17, 1	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3	14-17, 19-33 1-37	see of ZDHC Guidline, they are tested upon requ	
Classic conv. Rem 'Remarks. 1, indiversal stemp 2. The realmum i 3. Secure of 20th Genrie of sont George of black Free primary i	pling can be gerformed upon re sampling time for 2016 ZDHC (C. guidoline: Parameter 1.2. 4 botic Isother industry: Parameter CF: Parameter 4, 5, 17, 1 gromatic emine, posticidos, nil	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trasamine and Ti	14-17, 19-33 1-37 DS are not in the sc	cope of ZDHC Guidline, they are tested upon requininside TCD matrix can perform the combined test.	
Cussor steril Rem Remark Lindividual steril The maintain it Seep of 2DH George of 3MK Free primary 4 Refere CPSI	pring can be performed upon or sempling time for 2016 ZDHC IC guidoline: Parameter 1, 2, 4 trefic lanther industry: Parameter CP: Parameter 4, 5, 17, 1 aromatic entine: posticidos, nul D-AN-G00019-STIP01, foachio	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only t	cope of ZDHC Guidline, they are tested upon required to the combined test dissolved suffice is required to be tested.	
Cussor steril Rem Remark Lindividual steril The maintain it Seep of 2DH George of 3MK Free primary 4 Refere CPSI	psing can be performed upon or sampling time for 2016 ZDHC IC guildoline: Parameter 1, 2, 4 helic tamber industry: Parameter CP: Parameter 4, 5, 17, 1 aronatic amine positicides not D-AN-GOOD19-STIPO1, foachi IO-AN-GOOT9-STIPO1 for parameter and parameter 3, 2016 IO-AN-GOOT9-STIPO1 for parameter and parameter 3, 2016 IO-AN-GOOT9-STIPO1 for parameter and parameter	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti ins with those Cf ional pretreatme tration of field bit	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only to ank for specific para	cope of ZDHC Guidline, they are tested upon requirinside TCD matrix can perform the combined test dissolved suffice is required to be tested.	est
Cussor steril Rem Remark Lindividual steril The maintain it Seep of 2DH George of 3MK Free primary 4 Refere CPSI	psing can be performed upon or sampling time for 2016 ZDHC IC guildoline: Parameter 1, 2, 4 helic tamber industry: Parameter CP: Parameter 4, 5, 17, 1 aronatic amine positicides not D-AN-GOOD19-STIPO1, foachi IO-AN-GOOT9-STIPO1 for parameter and parameter 3, 2016 IO-AN-GOOT9-STIPO1 for parameter and parameter 3, 2016 IO-AN-GOOT9-STIPO1 for parameter and parameter	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti ins with those Cf ional pretreatme tration of field bit	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only to ank for specific para	cope of ZDHC Guidline, they are tested upon requirinside TCD matrix can perform the combined test dissolved suffice is required to be tested.	est
Cussor steril Rem Remark Lindividual steril The maintain it Seep of 2DH George of 3MK Free primary 4 Refere CPSI	ping can be performed upon re- sampling time for 2016 ZDHC (C guidoline: Parameter 1, 2, 4 retic Isinher industry: Parameter CF: Parameter 4, 5, 17, 1 aromatic amine, pasticides, nil D-AN-G00019-STIP01, focation (D-AN-G00570-MTHD for addit SD-AN-G00513-MTHD for praph	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti ins with those Cf ional pretreatme tration of field bit	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only t	cope of ZDHC Guidline, they are tested upon requirinside TCD matrix can perform the combined test dissolved suffice is required to be tested.	
Classiff State Classiff State Florance Classiff State Classiff State Classiff State Control Classiff State Control Classiff State Classiff	psing can be performed upon or sampling time for 2016 ZDHG (C guidoline: Parameter 1, 2, 4 helic tamber industry: Parameter CF: Parameter 4, 5, 17, 1 aronatic amine positicides not D-AN-G00019-STIP01, foachi (D-AN-G0079-MTHD for areas	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti ins with those Cf ional pretreatme tration of field bit	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only to ank for specific para	cope of ZDHC Guidline, they are tested upon requirinside TCD matrix can perform the combined test dissolved suffice is required to be tested.	est
Classiff State Classiff State Florance Classiff State Classiff State Classiff State Control Classiff State Control Classiff State Classiff	poling can be performed upon re- sampling time for 2016 ZDHC IC geldoline: Parameter 1, 2, 4 Pertic toother incuster Teasuren CP. Parameter 4, 5, 17, 1 aromatic amtine posticidos, nil 3D.AN-000570-MTHD for addit SD.AN-000513-MTHD for prapa Full name:	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti ins with those Cf ional pretreatme tration of field bit	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only to ank for specific para	cope of ZDHC Guidline, they are tested upon requirinside TCD matrix can perform the combined test dissolved suffice is required to be tested.	est
Classiff Steril Rem 'Relative 1 Individual Steril 2 The relativity Serie of VPN Serie of VPN Serie of Serie Series of Series Free primary 4 Patric CPS 5 Refer to CPS (securid Dy)	poling can be performed upon re- sampling time for 2016 ZDHC IC geldoline: Parameter 1, 2, 4 Pertic toother incuster Teasuren CP. Parameter 4, 5, 17, 1 aromatic amtine posticidos, nil 3D.AN-000570-MTHD for addit SD.AN-000513-MTHD for prapa Full name:	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti ins with those Cf ional pretreatme tration of field bit	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only to ank for specific para	cope of ZDHC Guidline, they are tested upon requirinside TCD matrix can perform the combined test dissolved suffice is required to be tested.	est
Classiff Steril Rem 'Relative 1 Individual Steril 2 The relativity Serie of VPN Serie of VPN Serie of Serie Series of Series Free primary 4 Patric CPS 5 Refer to CPS (securid Dy)	poling can be performed upon re- sampling time for 2016 ZDHC IC geldoline: Parameter 1, 2, 4 Pertic toother incuster Teasuren CP. Parameter 4, 5, 17, 1 aromatic amtine posticidos, nil 3D.AN-000570-MTHD for addit SD.AN-000513-MTHD for prapa Full name:	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trosamine and Ti ins with those Cf ional pretreatme tration of field bit	14-17, 19-33 1-37 DS are not in the so PSD test capability int of sulfide if only to ank for specific para	cope of ZDHC Guidline, they are tested upon requirinside TCD matrix can perform the combined test dissolved suffice is required to be tested.	est
Classic steril Rem Records 1. Individual somp 2. The maintain 3. Soup of 2 THE Berg of said Few primary is 4. Refer of CPS 6. Refer of CPS ((espiral Dy-	piling can be performed upon re- sampling time for 2016 ZDHC IC guidoline: Perameter 1, 2, 4 realls labories moustly: Parameter 1, 2, 14, realls labories moustly: Parameter 4, 5, 17, aromatic amine, pasticides, nil D-AN-G00019-STIP01, foacho ID-AN-G00579-MTHD for addit SD-AN-C00513-MTHD for practical Full name:	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 rosamine and Ti ins with those Cf ional pretreatme ration of field bit.	14-17, 19-33 1-37 PS are not in the sc PSD test capability int of suffed if only ank for specific pare	cope of ZDHC Guidline, they are tested upon required to TCD matrix can perform the combined test dissolved suffice is required to be tested.	25.06.78
Custor steriv Rem Rounnes Lindividual sterip The maintain Sterip of Diff General Staff Free primary is Refer to Chair	poing can be performed upon re- sempling time for 2016 ZDHC IC guidoline: Parameter 1, 2, 4 rettle Islanher industry: Parameter 1, 2, 4 rettle Islanher industry: Parameter 4, 5, 17, aromanic eminos posticidos, mil D-AN-G00019-STIP01, foachio D-AN-000570-MTHD for addit SD-AN-00013-MTHD for parameter Figil name:	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trasmine and Ti may with those Cf incomal pretreatme watern of fiold bit.	14-17, 19-33 1-37 PS are not in the service Spot less capability int of sulfide if only into far specific pare.	cope of ZDHC Guidline, they are tested upon required to English and test dissolved suitide is required to be tested.	pate 25.06.70
Custor steriv Rem Rounnes Lindividual sterip The maintain Sterip of Diff General Staff Free primary is Refer to Chair	poing can be performed upon re- sempling time for 2016 ZDHC IC guidoline: Parameter 1, 2, 4 rettle Islanher industry: Parameter 1, 2, 4 rettle Islanher industry: Parameter 4, 5, 17, aromanic eminos posticidos, mil D-AN-G00019-STIP01, foachio D-AN-000570-MTHD for addit SD-AN-00013-MTHD for parameter Figil name:	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trasmine and Ti may with those Cf incomal pretreatme watern of fiold bit.	14-17, 19-33 1-37 PS are not in the service Spot less capability int of sulfide if only into far specific pare.	cope of ZDHC Guidline, they are tested upon required to English and test dissolved suitide is required to be tested.	pate 25.06.70
Custor steriv Rem Rounnes Lindividual sterip The maintain Sterip of Diff General Staff Free primary is Refer to Chair	poing can be performed upon re- sempling time for 2016 ZDHC IC guidoline: Parameter 1, 2, 4 rettle Islanher industry: Parameter 1, 2, 4 rettle Islanher industry: Parameter 4, 5, 17, aromanic eminos posticidos, mil D-AN-G00019-STIP01, foachio D-AN-000570-MTHD for addit SD-AN-00013-MTHD for parameter Figil name:	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trasmine and Ti may with those Cf incomal pretreatme watern of fiold bit.	14-17, 19-33 1-37 PS are not in the service Spot less capability int of sulfide if only into far specific pare.	cope of ZDHC Guidline, they are tested upon required to TCD matrix can perform the combined test dissolved suffice is required to be tested.	ast 2.5.06,70
Custor steriv Rem Rounnes Lindividual sterip The maintain Sterip of Diff General Staff Free primary is Refer to Chair	poing can be performed upon re- sampling time for 2016 ZDHC (C. guidoline: Paramisor 1, 2, 4 profic Isother industry Paramisor 1, 2, 4 profic Isother industry Paramisor 2, 12, 12, 12 parameter 4, 5, 17, 1 parameter 6, 17, 17, 17 parameter 7 parameter 7 parameter 7 parameter 7 parameter 7 parameter 7 parameter 8 parameter 8 parameter 8 parameter 8 parameter 9 param	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 prosamine and Ti may with those Cf ironal pretreatme water of field bit.	14-17, 19-33 1-37 PS are not in the service Spot less capability int of sulfide if only into far specific pare.	cope of ZDHC Guidline, they are tested upon required to English and test dissolved suitide is required to be tested.	ast 25.06,70
Classification (Remarks) Individual strong a transition of small strong at 1784 Series of 1884 Free primary 4 Patento CPSI 6 Refer to CPSI (scratted by: 15 small strong at 1884 Series at 1884 Series at 1884 Series at 1885 Series a	poing can be performed upon re- sampling time for 2016 ZDHC (C. guidoline: Paramisor 1, 2, 4 profic Isother industry Paramisor 1, 2, 4 profic Isother industry Paramisor 2, 12, 12, 12 parameter 4, 5, 17, 1 parameter 6, 17, 17, 17 parameter 7 parameter 7 parameter 7 parameter 7 parameter 7 parameter 7 parameter 8 parameter 8 parameter 8 parameter 8 parameter 9 param	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 prosamine and Ti may with those Cf ironal pretreatme water of field bit.	14-17, 19-33 1-37 PS are not in the self- PSD (est capability) int of sulfide if only int for specific pare. SLA (TY)	cope of ZDHC Guidline, they are tested upon required to English and test dissolved suitide is required to be tested.	ast 25.06.70
Custor steriv Rem Rounnes Lindividual sterip The maintain Sterip of Diff General Staff Free primary is Refer to Chair	poing can be performed upon re- sampling time for 2016 ZDHC (C. guidoline: Paramisor 1, 2, 4 profic Isother industry Paramisor 1, 2, 4 profic Isother industry Paramisor 2, 12, 12, 12 parameter 4, 5, 17, 1 parameter 6, 17, 17, 17 parameter 7 parameter 7 parameter 7 parameter 7 parameter 7 parameter 7 parameter 8 parameter 8 parameter 8 parameter 8 parameter 9 param	ter 1, 2, 4-9, 12, 19-24, 26, 27, 3 trasmine and Ti may with those Cf incomal pretreatme watern of fiold bit.	14-17, 19-33 1-37 PS are not in the self- PSD (est capability) int of sulfide if only int for specific pare. SLA (TY)	cope of ZDHC Guidline, they are tested upon required to English and test dissolved suitide is required to be tested.	ast 25.06.70



(6820)179-0182 July 14, 2020 Page 21 of 23

						- 042451	E	19	SD-AN-0 sue Date:			
	FIELD DA	TA RECOR	D ON Z	ERO DIS	SCHARG SAMPLII	E SAMPL	-	V	Version No.: 12 Business Line: Analytical			
7/	(C	OWIFOGITE		-)				
7 161			(681	0)12	19-	-0187			_		
al Date				600	/		100			-		
cicry S simple Vunher.				Jan	Phone N	100 117	13221	5100	r.			
Numer Contact Physics	-	· Monz	ibris		d, 50	seepu	13221	Eller	I	_		
of 1F activity Mauric and Address	V))	OU L	et i	Doin	+					_		
play Lessaion / Description				n	elete as app	ropriate)				-	1,	
pla internifications	Comp	discharge with s	Grab sampl	e (Please o	0		- called	ne to sewage	treatment pl	pnt		
nce Type. ne of Sampler	-	Anito	pronment (8)	pecify destina	ation: River, S	ga. Stream) C	OR Indirect dischar	5				
charges model	Direc	25.04	6.20	,		(LO(A	INOFO	am)				
ea or brokention	Dye	Contest V	Vastung / Fi	inishing / Of	thers (please	apa-11. —		- /				
WHAN J. Apr.	*No	te: It would be said	ected more t	nan orie		7	4:00	pm	7			
icld Dasta for Vingtewater		1:00 F	m	Departu	ire Time:	-	Color		Flow ra	10 (volume/min)	1
iold Otata for yearsonada. Green Timo:	Hq			Temp:		°C		111	1	1000		1
held Planameters				Yes					No "	The state of		
Control No of finid aquipment Factory with affluent realment	plant.			yes ater (If requ	uired)							
actor with adductive actor		-	7-337	v store trei	atment		noint					
s, implie matex:			Wastewate	r after treat	ment - water	at discharge	29	24		7	8	
		24	24	- 2	24	4	5	6	-			
Sampater container number		1	2	+	-		1	n C-0	or h			
	(D)	1:0000	07:0	00003	· cos	4:009	8.3	8.				
Processeding times	Time .	8.3	8.	2 1 2	2 ' /	350	33.	8 30	1.2			
pit		34.6	35	3.5	398			1 Lto	2el		+	
Temp(C)	VALUE OF THE STATE	4.201	Lf.1	Red 1	183	193	171	169				
Colot		191	117	X74 1	102	167X	24 1671	29 170	7X24 required			
Treate rate (ye upatimu)		167×26	Remark	s: Total volu	ime callected	must be grea	29 16 F/(a	Sarry				
Tenni (plume reliected		129,07	01							servation n	isthed	
	Preservation Method	Test requi	red To	etal of		Type of cor	ntainer	-				1
Tests (ZDHC	MRSL Parameters)	(v)	sam	ple size								
	1. Phinaiste	~										1
Combinid test	2 Chlorobenzenes Chlorotoluene & PAH	\ \\		O mL total or O mL each							1	1
perputated test	3 3CCPs	~	100	J mc escit								
(Regulate 4)	4. APS	-			+							
		~		100 mL			ned with nitric acid.			yyaneut ad	ding acid	
5 APEOs . 6_Chinrophanuts & C	resnis	~		100 mL	Am	distributed	water and			Store samp	ale at 6 C	
4		1		500 mL	-	dried b	efore use	1				
7 Figurestardard		-		10 mL								
o, Dyos			_	50 mL								
g. (alyee)			X	1000 mL	_							1
ig. Paricates			X	10 mL	-							
24 - Marcapinine			~	2000 ml								6°C
- 12, trained Azad	(65		~	500 mL	-			I SORR	Acidify to		C) and store sample at out air gap, acidify to p one sample at 6°C	12 with
to street primary	aromatic amines		-	500 ml		Amber Glass.	washed with nitric	acid	Fill to full co	1107	Transmit and	
							PE, washed with pesticide			Without adding acid Store sample at 8°C		
s.c. Departure Co	penated Solvents (Remor	k 6)	~	10 m		PE, was	shed with pesticide ade Acetore			Store	sample at 0 0	P;



(6820)179-0182 July 14, 2020 Page 22 of 23

							CPSD-AN-00613-DATA 94 Issue Date:	-
					SUARGE SAMPLE		Version No.: 12	
	DATAR	ECOF	DONZ	EROL	DISCHARGE SAMPLE L SAMPLING)		Business Line: Analytical	
FIELD	COMP	OSIT	EIINDI	AIDON	L SAMPLING)		Preservation method	
					Type of container		67-0-1000	
17	est required	Total o	of sample				200	
and Parameters)	(4)				mber Glass, washed with nitric acid.		Without adding acid Store semple at 6°C	
	~		of of	A	miles water and			
Combined (08) (198)	~	200	3 mL each		distillated directions directions directions directions directions directions directions distillated directions distillated directions distillated directions distillated directions distillated directions direction directions direction directions directions directions direction directions direction direction direction direction direction direction direction dire		y to pH 2 with HNO, and store at 6°C	
	-	-	1000 mL		PE, washed with nitric acid		- sites in field, fill to to andding	
		1	9 mL	1		Filter by withou	o 45µm filter in field, fill to full container t air gap, adjust pH to 9.0.9.5 by adding monium buffer. Store sample at 6°C CONTAINACH, edd 0.05 ml of 10%	
九九 计程序 使来处心		-			er Glass, washed with posticide grade acetone		air gap, adjust pH to 90% ample at 6°C amonium buffer. Store sample at 6°C H 12 with 50% NaQH, asd 0.05 ml of 10% Na ₂ S ₂ O ₅ and store sample at 6°C	
(5)	1	-	95 mL	Ambi	er Glass, washed which	1	Acidify to pH 2 with H ₂ SO ₄	
21 CnVI)	+	7	500 mL			1		
		7	150 mL		Amber Glass: washed with nitric scid		saluto of 2 with	
22 Cyanide	-		500 ml		Amber Glass, washed with	Fill to fu	If container without air gap; actiony H2SO4 and store sample at 6°C H2SO4 and store sample add 2 drops of 2N	1
23 Chemical arygins demand (COD)	1		25 mL	-		Fill to !	H2SO4 and store sample at 0.0 H2SO4 and store sample at 0.0 H2SO4 and store sample at 0.0 Store sample at 6.0 Gaing to the 2 with	-
St Nieup)		8			PE, washed with pesticide grade Acetone.		and the property to per 2 ville	1
25. Formidahete	1		50 m	L		Add	1900 Na2S2O3,	1
seem strengtk 5)		-	100 1	mL	Amber Glass, washed with nitric sold PE, clean, sterile.	1	Store serri	
26. Sulface (***)	X) (X	_	125	-	non-reactive	n (visual es	Add 1mL of 2 5% EDTA, 0 5g zinc acetate	-
26. Sulfiul disconnection of the control of the con		/_			Foam higher than 45 C	tone	Add 1mL of 2.5% EDTA, 0.5g zinc acetate Store sample at 6°C	-
(20), Total Coldona (Remark 6)		~	N		Amber Glass, washed with pesticide grade ac-	- India		
55. Plansatent foam	-		-	0 mL	Armber Glass with wide-mouth PTFE lid:washing	ed with	Acidity to pH 2 with H25O4	1
lan Sultin		-	- 10	00 mL	Amiber Glass with wide-mount nitric sold.		Acidify to pH 2 Will 150 C Store sample at 5°C	
31 THEN		-	- 50	00 mL				
		-	- 1	000 mL	Amber Glass, washed with nitric sold			
57. Animonum-N			-	000 mL	1 2 2 2		Without adding acid	
163. Oil and Grease			-	1000 mL	Amber Glass, washed with nitric acid,	insed	Store sample at 6°C	
34. Total Hydrocarbon		X	-		Amber Glass, washed with nitro acid, thoroughly with distillated water or dried before use			
35 Lumique Becteria Texicity		>	5	100 mL				
SC. Suphine		2	(100 mL	-			
37 Chioride		-	<					
Onsessatory Remark							s and uppn request.	
Ontargation					discrete samples.	Sampling	time could be adjusted of	
- in performe	d abou teda	est	c nours W	th no mor	e than one hour between discrete			
	2 SDHC gui	define is	7. 19-24, 2	6-33				
t individual sampling time for 201	er 1. 7. 4-9	1 2 4-9	12.14-17	19-33	Last of	upon req	uest	1
On an eather Res on. 14, marks: 1 sacindad sampling can be performed. 2. The minimum sampling time for 201	an amenine				o cuidling they are tested	tions		
3 Scottle of Synthetic loather industry	, parameter , p. 17, 19-	24, 25, 2		as in th	he scope of ZDHC Gulous	bined test		
3 Scottle of Synthetic loather industry	, parameter , p. 17, 19-	24, 25, 2		as in th	he scope of ZDHC Guiding. The scope of ZDHC Guiding perform the con-	ibined test		
Scope of synthetic teather industry Scope of MACE Parameter Scope of MACE Parameter	4. 5. 17. 19- ticides, nitro	24, 25, 2 samine to	and TOS ar	re not in the test capat	he scope of ZDHC dividuals bility inside TCD matrix can perform the con- conty dissolved sulfide is required to be tested.	ibined test	ar ac. 20	
Scope of synthetic teather industry Scope of MACE Parameter Scope of MACE Parameter	4. 5. 17. 19- ticides, nitro	24, 25, 2 samine to	and TOS ar	re not in the test capat	he scope of ZDHC Guidline, they are tested billity inside TCD matrix can perform the com- only dissolved sulfide is required to be tested on a matter.	ibined test	Date 25.06.20	
Score of synthetic leather industry Score of synthetic leather industry Score of MAUSE Parameter Free enneary aromatic amme, see Refer to CRSD-ANI-GOODS-STIP	4.5, 17, 19- sicides, nitro pot, loactions of ter addition	24, 25, 2 samina a s with the mal pretr ation of f	and TDS ar ose CPSD t eatment of ield blank (re not in the test capab sulfide if for specific	te scope of ZDHC Gutter. phility inside TCD matrix can perform the con- phility inside TCD matrix can perform the con- phility inside to required to be tested par ameters.	ibined test	25.06.20	
Score of synthetic leather industry Score of synthetic leather industry Score of MAUSE Parameter Free enneary aromatic amme, see Refer to CRSD-ANI-GOODS-STIP	4.5, 17, 19- sicides, nitro pot, loactions of ter addition	24, 25, 2 samina a s with the mal pretr ation of f	and TDS ar ose CPSD t eatment of ield blank (re not in the test capab sulfide if for specific	te scope of ZDHL Gutterness, and perform the con- pility inside TCD matrix can perform the con- only dissolved sulfide is required to be testifully par amteriers.	ibined test	25.06.20	
Scoto of synthesis leather industry month of MINUF. Parameter Free entirely aromatic amenic, pea Refer to CPSD-AN-000570-MTH Schot to CPSD-AN-00613-MTH Schot to CPSD-AN-00613-MTH	4.5.17.19- sticides nitro on loaction of for prepar An (+)	24, 25, 2 samina a s with the mal pretr ation of f	and TDS ar ose CPSD t eatment of ield blank (re not in the test capab sulfide if for specific	te scope of ZDHC Guttern hilly inside TCD matrix can perform the con- positive dissolved sulfide is required to be testiful par amteriers.	ibined test	25,06.20	
Scope of synthesis leather industry scope of synthesis leather industry scope of MINUF. Free enterty aromatic amone, pea Refer to CPSD-AN-000919-STIP S-Refer to CPSD-AN-000613-MTH Hater to CPSD-AN-000613-MTH Hater to CPSD-AN-000613-MTH Hater to CPSD-AN-000613-MTH Fall rear	4.5.17.19- sticides nitro on loaction of for prepar An (+)	24, 25, 2 samina a s with the mal pretr ation of f	and TDS ar ose CPSD t eatment of ield blank (re not in the test capab sulfide if for specific	he scope of ZDHL Guizer hilly inside TCD matrix can perform the con- position of the control of	ibined test	25.06.20	
Scope of synthesis leather industry scope of synthesis leather industry scope of MI, ICF Free entities aromatic seame, see Refer to CPSD-AN-G00376-MTH Parter to CPSD-AN-00570-MTH Parter to CPSD-AN-00613-MTH Industried by Full rain	4 5, 17, 19- ticides, nitro on, loaction of ter additio of ter prepar An (for	24, 25, 2 esamine i s with the mail pretr elion of f	end TDS are ose CPSD to eatment of ield blank f	re not in the test capate sulfide if sulfide if	- pår ansense.		Date:	
Section of synthesis loading industry scrept of synthesis loading industry scrept of synthesis o	4.5. 17. 19- sticides nitro 101. loactions D for additio D for prepar An (f)	24, 25, 2 esamine is swith the mail pretr ation of f	and TDS are CPSD to eatment of ield blank to	re not in the test capate sulfide if sulfide if for specific	- pår amount		Date	
Section of synthesis loading industry scrept of synthesis loading industry scrept of synthesis o	4.5. 17. 19- sticides nitro 101. loactions D for additio D for prepar An (f)	24, 25, 2 esamine is swith the mail pretr ation of f	and TOS are open CPSD to seatment of leid blank (re not in the test capation in the sufficient sufficient for specific speci	par amount	tion. All sa	mple(s) isfare collected in designated	
Section of synthesis loading industry scrept of synthesis loading industry scrept of synthesis o	4.5. 17. 19- sticides nitro 101. loactions D for additio D for prepar An (f)	24, 25, 2 esamine is swith the mail pretr ation of f	and TOS are open CPSD to seatment of leid blank (re not in the test capation in the sufficient sufficient for specific speci	par amount	tion. All sa	mple(s) isfare collected in designated	1
Section of synthesis loading industry scrept of synthesis loading industry scrept of synthesis o	4.5. 17. 19- sticides nitro 101. loactions D for additio D for prepar An (f)	24, 25, 2 esamine is swith the mail pretr ation of f	and TOS are open CPSD to seatment of leid blank (re not in the test capation in the sufficient sufficient for specific speci	par amount	tion. All sa	mple(s) isfare collected in designated	1 20
Section of synthesis loading industry scrept of synthesis loading industry scrept of synthesis o	4.5. 17. 19- sticides nitro 101. loactions D for additio D for prepar An (f)	24, 25, 2 esamine is swith the mail pretr ation of f	and TOS are open CPSD to seatment of leid blank (re not in the test capation in the sufficient sufficient for specific speci	par amount	tion. All sa	mple(s) isfare collected in designated	20
Section of synthesis leading industry Screpc of synthesis leading industry Screpc of MINUF. Parameter Free enterty administration and summer, pee Refer to CUSD-AN-000370-MTH Section to CUSD-AN-000370-MTH Section to CUSD-AN-000370-MTH Trecovered by: Fall rest	4.5. 17. 19- sticides nitro 101. loactions D for additio D for prepar An (f)	24, 25, 2 esamine is swith the mail pretr ation of f	and TOS are open CPSD to seatment of leid blank (re not in the test capation in the sufficient sufficient for specific speci	par amount	tion. All sa	mple(s) isfare collected in designated	20
Section of synthesis loading industry screen of synthesis loading from the same page. Refer to CPSD-AN-GOOSTO-MTH Plater to CPSD-AN-GOOSTO-MTH Refer to CPSD-AN-GOOSTO-MT	Parents A. 5, 17, 19- dicides, nitro- control to actions D for addition D for prepar An Cf. no.	24, 25, 2 esamine is swith the mail pretr ation of f	and TOS are open CPSD to seatment of leid blank (re not in the test capation in the sufficient sufficient for specific speci	par amount	tion. All sa	mple(s) isfare collected in designated	20
Section of synthesis loading industry screen of synthesis loading industry stronger of the control of the contr	Parents has been taken been been taken been	24, 26, 26 samina sa wan industrial preference of the same same same sa wan industrial preference of the same same same sa complete sa	estiment of ield blank (LS/a ted the stal s. Sample(ted samples collections	ing activity at captioned date, time and local by Bureau Veritas is/are stored in portable the stored of the store	tion. All sa	mple(s) isfare collected in designated	20
Section of synthesis loading industry screen of synthesis loading from the same page. Refer to CPSD-AN-GOOSTO-MTH Plater to CPSD-AN-GOOSTO-MTH Refer to CPSD-AN-GOOSTO-MT	Parents has been taken been been taken been	24, 26, 26 samina sa wan industrial preference of the same same same sa wan industrial preference of the same same same sa complete sa	estiment of ield blank (LS/a ted the stal s. Sample(ted samples collections	ing activity at captioned date, time and local by Bureau Veritas is/are stored in portable the stored of the store	tion. All sa	mple(s) isfare collected in designated	20



(**6820**)**179-0182**July 14, 2020

Page 23 of 23

	FI			ZERO DISCHARGE		Iss	SD-AN-00613-DATA
AND SERVICE AND ADDRESS OF THE PERSON OF THE		(COMF	POSITE / INI	DIVIDUAL SAMPLING)		sion No.: 12 siness Line: Analytic
(INSTANTAL					Date		siness Line; Analytic
Signal bry of Factory Re	presemanve.	Full Name:			Dute		1
Fletd Data for Signing							
Anivol Time:	1:00pm			Departure Time:	8:00		
Field Parameters	Shodge	pH:		Temp: °C	Color: Blo	ck	
Control No. of field equi	pment						
Analysis Required and	Preservation Method						* 1
Factory with effluent trea		V	~ Y	es		No	
Sample matrix		/	Sludge in clarifie	er (sedimentation tank)			
Sampler container numb	per	12					
Recording time		6:00pn					
Tests (MR	SL Parameter)	Test required	Total of sample size	Type of contain	ner	Preser	vation method
	1. Phthalate	~					
Combined test or	Chlorobenzenes, Chlorotoluene & PAHs	V	10g total				
Individual test (Remark 3)	3 SCCPs	~	10g each				
framary of	4. APS						
5. APEOs		/	20 g				
5. Chlorophenols & Cre	sols		20 g			Fill to full bottle without any air gap and store at G°C	
7. Flome retardant			10 g	Amber Glass, washed w	ith nitric acid		
8. Dyes			10 g				
9. Glycols		-	100 g	Market Miles			
		1	20g				
10. 'Pesticides		1 X					
11 Bannet Azodyes		~	20 g				
12. *Free primary arom.		X	10 g				
13. Organotin Compour	nds .		10 g	the state of		Fill to full container	vithout any air gap and a
14. VOC & Halogenated	i Solvents		10 g	Amber Glass, wash with pestic	ide grade acetone	add an	d store at 6°C
15. PFCs		~	10 g	PE, wash with pesticide g	arde acetone		o full bottle gap and store at 6°C
Tests (Conve	ntional Parameters)	Test required	Total of sample size	Type of contain	185	Preser	vation method
14. Heavy Metals excep	ot Cr(VI)	-	0.2 g	PE, wash with nitri	c acid		o full bottle
		1./	2.5 g			Fill to full container v	gap and store at 6°C without any air gap and as
15. Cr(VI)			2.3 g	Amber Glass, wash with pestic	ide grade acetone		d store at 6°C
16. Cyanide			50 g				thout any air gap and adj NaOH and store at 6°C
Observation/ Remark:							
Scope of ZDHC guid Scope of synthetic le		3-16 , 2, 4-9, 11, 13-16 at in the scope of		they are tested upon request.			

END