

TEST REPORT

Technical Report May 23rd, 2022 (7222)103-0033

April 20th, 2022 Date Received Page 1 of 22

MAYTEKS ORME SANAYI VE TICARET A.S. Factory Company Name:

Factory Address: MOSB 1.KISIM ATATURK CADDESI NO:1 45030 YUNUSEMRE- MANISA

/TURKEY

Project No.: N/A Client Reference No.: N/A

Sampling Method: I001) Incoming water - Grab

I002a) Raw Wastewater (Dye House) - 6 hours - Time - weighted Composite I002b) Raw Wastewater (Printing House) – 6 hours - Time – weighted Composite

Su Kirliligi Kontrolu Yonetmeligi (S.K.K.Y) eki Tablo 25 (See Appendix D)

Sample Pick Up Date: April 19th, 2022 Wastewater Discharge to: Centralized ETP

On-Site Effluent Treatment

Plant (ETP):

Discharge Type: Indirect Discharge Manisa Organized Industrial Zone

Off-site ETP name (if

applicable):

Kecilikoy OSB Mah. Cumhuriyet Blv. No:14 45030 Yunusemre-Manisa Off-site ETP address (if

applicable):

Local Regulation: / Ordinance /

requirements related to wastewater discharged are

followed:

Permit Validation Date: 20/12/2024 No

Parameters Exceeded Local

Regulation

Legal compliance: Comply **Conventional Parameters** N/A

Overall Category:

Test Period: April 20th,2022- May 20th,2022

Sample Description:

I001) Colorless liquid - Incoming water

I002a)Dark red/Dark grey liquid- Raw Wastewater (Dye House) I002b)Black/ Dark grey /Red liquid – Raw Wastewater (Printing House)

Parameters exceeded maximum

holding time:

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

http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/and is intended for your exclusive use



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REMARK1: Please refer to discharge licence 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 Kerem Can Kerem.can@bureauveritas.com

Technical enquiry-Chemical Ayca Cevikus <u>Ayca.cevikus@bureauveritas.com</u>

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.

Ayca Cevikus
Regional ManagerTurkey, Middle East
& Africa ZDHC- Higg

FEM-Chemical
Discharge Monitoring

Kerem Can Deputy General Manager & Operation Manager

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Executive Summary

1A) Conventional Parameters	I001	I002a	I002b
Temperature			
TSS			
COD			
Total-N			
pH Value			
Color [m ⁻¹] (436nm; 525nm; 620nm)			
BOD ₅			
Ammonium-N			
Total-P	NR	NR	NR
AOX			
Oil and Grease			
Phenol			
Coliform			
Persistent Foam			
ANIONS - Cyanide			
ANIONS - Sulfide			
ANIONS - Sulfite			
1B) Conventional Parameters – METALS	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	I002a	I002b
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	О	0
2F) Disperse Dyes	NR	0	0
2G) Flame Retardants	NR	О	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	NR	О	0
2M) Poly Aromatic Hydrocarbons	NR	О	0
2N) Volatile Organic Compounds	NR	0	0

Note / Key:

- ● Detected
- o Not Detected
- NR Not Requested
- N/A Not Applicable



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Objective

The environment samples were tested for below 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; 2a) Raw Wastewater (dye house); 2b) Raw Wastewater (printing house). Total number of sample collected will be depended on the actual factory facilities and manufacturing processes.

Method of sampling used is time-weighted composite 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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1B) Conventional Parameters – METALS

Heavy Metals	I001 (mg/L)	I002a (mg/L)	I002b (mg/L)
Antimony(Sb)			
Discharge License Criteria:	0.0017	0.1478	ND
Not applicable Chromium(Cr), total			
Discharge License Criteria: 5 mg/L	0.0309	0.0588 (Comply with discharge license)	0.0941 (Comply with discharge license)
Cobalt(Co)			
Discharge License Criteria: Not applicable	ND	ND	ND
Copper(Cu) Discharge License Criteria: 2 mg/L	ND	0.054 (Comply with discharge license)	0.1408 (Comply with discharge license)
Nickel (Ni)		0.004	0.0027
Discharge License Criteria: 5 mg/L	0.0011	(Comply with discharge license)	(Comply with discharge license)
Silver (Ag)			
Discharge License Criteria: Not applicable	ND	ND	ND
Zinc(Zn)		0.1963	0.2524
Discharge License Criteria: 10 mg/L	0.0387	(Comply with discharge license)	(Comply with discharge license)
Arsenic (As)			
Discharge License Criteria: Not applicable	0.0024	0.00295	0.0028
Cadmium(Cd)			
Discharge License Criteria: Not applicable	ND	ND	ND
Chromium VI(CrVI)			
Discharge License Criteria: Not applicable	ND	ND	ND
Lead(Pb)		0.0016	0.0014
Discharge License Criteria: 3 mg/L	ND	(Comply with discharge license)	(Comply with discharge license)
Mercury (Hg)			
Discharge License Criteria: Not applicable	ND	ND	ND



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Others Priority Chemical Groups

	I001 (ug/L)	I002a (ug/L)	I002b (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
2L) Phthalates	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

I001) Sampling Point N/S 38° 37′ 7.50″ E/W 27° 21′ 59.60″



I001) Sampling Point Surrounding Environment N/S 38° 37′ 7.50″ E/W 27° 21′ 59.60″



I001) All sampled bottles with label



I001) pH value



I001) Sample for Phthalate Testing



I001) Packaging





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I002a) Sampling Point N/S 38° 37′ 7.50″ E/W 27° 21′ 59.60″



I002a) Sampling Point Surrounding Environment N/S 38° 37′ 7.50″ E/W 27° 21′ 59.60″



I002a) All sampled bottles with label



I002a) pH value



I002a) Sample for Phthalate Testing



I002a) Packaging





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I002b) Sampling Point N/S 38° 37′ 7.50″ E/W 27° 21′ 59.60″



I002b) Sampling Point Surrounding Environment N/S 38° 37′ 7.50″ E/W 27° 21′ 59.60″



I002b) All sampled bottles with label



I002b) pH value



I002b) Sample for Phthalate Testing



I002b) Packaging





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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	AFEO 1-16
	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
	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	,



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			Repor	t Limit	
	Substance (Testing		Wastew		Name of the testing
Group	parameter)	CAS No.	ater	Sludge	method
			(ug/L)/((mg/kg)	
			ppb)	/(ppm)	
	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 15950-66-0	0.5	0.05	
	2,3,4-Trichlorophenol 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-	101-14-4	0.1	0.2	
	chloro-aniline) 4,4'-methylenedianiline	101-77-9	0.1	0.2	
	4,4`-Oxydianiline	101-77-9	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`-Dimethylbenzidine	119-93-7	0.1	0.2	
	6-methoxy-m-toluidine (p-	120-71-8	0.1	0.2	
	Cresidine)	120-71-8	0.1		
	2,4,5-Trimethylaniline	137-17-7	0.1	0.2	
	4,4`-Thiodianiline	139-65-1	0.1	0.2	
	4-Aminoazobenzene	60-09-3	0.1	0.2	ED 1 10 60
2D. Dyes - Azo	4-Methoxy-m- phenylenediamine	615-05-4	0.1	0.2	EN 14362. Reduction step with
(Forming Restricted	4,4`-Methylene-di-o-			0.2	Sodiumdithionite,
Amines)	toluidine	838-88-0	0.1	0.2	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	
	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 2,4-Xylidine	95-53-4 95-68-1	0.1	0.2	
	4-Chloro-o-toluidine	95-69-2	0.1	0.2	
	4-Methyl-m-			0.2	
	phenylenediamine	95-80-7	0.1	0.2	
	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. Acid Red 26	3761-53-3	500	10	
2E Dries	C.I. Basic Red 9	569-61-9	500	10	
2E. Dyes- Carcionogenic or	C.I. Direct Red 28 C.I. Basic Violet 14	573-58-0 632-99-5	500 500	10	Liquid Extraction
Equivalent Concern	C.I. Disperse Blue 1	2475-45-8	500	10	LC/MS
_qui. alont concorn	C.I. Disperse Blue 3	2475-46-9	500	10	
	C.I. Basic Blue 26 (with			10	
	Michler's Ketone > 0.1%)	2580-56-5	500		
	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	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	
	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	
2F. Dyes-disperse	Disperse Red 11	2872-48-2	50	2	Liquid Extraction
(sensitizing)	Disperse Red 1	2872-52-8	50	2	LC/MS
(0.111111111111111111111111111111111111	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	
	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	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 LC/MS(-MS)
	Tetrabromobisphenol A (TBBPA)	79-94-7	5	1	EC/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	LICEDA 92COD
2I. Halogenated	Methylene Chloride	75-09-2	1	2	USEPA 8260B Headspace GC/MS or
Solvents	Trichloroethylene	79-01-6	1	2	Purgeand-Trap-GC/MS
	Tetrachloroethylene	127-18-4	1	2	1 digeand-11ap-OC/1VIS
	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
	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	Ionic PFC: Concentration or direct
and Polyfluorinated	Perfluorobutanesulfonic acid (PFBS)	29420-49-3, 29420-43-3	0.01	0.10	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	TOHOWER BY GC/MS
	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	2	
OL DIAL I	Dimethoxyethyl phthalate (DMEP)	117-82-8	10	2	Ha ED L 02505 150
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	10	2	Dichloromethane extraction GC/MS
	Di-iso-nonyl phthalate (DINP)	28553-12-0	10	2	
	Di-n-hexyl phthalate	84-75-3	10	2	1



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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
	(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/MS
	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	pН	_	N/A	N/A	to ZDHC Wastewater
	Color [m ⁻¹] (436nm; 525nm; 620nm)	_	N/A	N/A	Guidelines for more details on the testing
	BOD5	_	N/A	N/A	method and the levels



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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
	D : 4 F		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	<u> </u>	N/A	N/A	
	Sulfite	_	N/A	N/A	1
			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,
METALS	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

450					Summerly	nevernos:		CPSD-AN-0	0613-DATA
		FIELD DATA F						Issue Date:	
STATE OF THE PARTY		(COMPOSITE / INDIVIDUAL SAMPLING)						Version No. Business Li	
Section 1 Date :								Countries C	ne: Analysis
General Data Laboratory Sample No		- 1240100000	30						
Client Name:	erase:	72221030033							-3
Field Contact Person;			ME BANAYI VE T	ICARET ANCIN	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	-			
Project discitly Name		Muhammed Fu				90 (236) 236 16			
Sampling Location / D			MZE BANAYI BI	OLGESI T KISN	ATATURK CA	D. NO:1 YUNUS	EMREWANISA		
Sample (dentification)	sectpeon	INCOMING							
Sample Igenerication; Sample Type:		The second second	with sampling pla	DET .					
Varie of Sumpler:		Grati Sample	and the same						
Discharge mode:		Muhamn		ERT		\sim			
Date of optestion			de environment (Sp	ecity destination	Hiver, Sea, Hire	em) Off indired	discharge to seven	treatment plant	
		19.06.	2027						
Factory Type:			g./ Washing / Fin		please specify)				
ecuencos arces		Twite it would be	selected more the	in one					
Field Data for Wastes Arrival Time:	SHOE.	1110		District - T		100			
Field Parameters		OH:		Departure Tim		17:0	0		
Control No. of Said eq.	(conect	Det 1		Temp	10	Color		Plow.rate	(volume/n
Eastery with effluent to	The state of the s			res.	_	-		_	
and a contract to	menters prent.	×					(No	
Sample marris:			-	m: (Frequired)					
			* Comment of the Control of the Cont	efore treatment For treatment - water at discharge point					
Sampler container nun	their	-	Attentiowater 510	or treatment - w	eter at dischar;	pe point	_		-
		-	-	-	-	-	_	-	
Control Control Control	0	1	- 2	3	4.	- 5	-0	2	
Recording time		11.15			-	_	_		
H:	Time	13:45						-	
lemp (fC)		8.07	_		_				
Cotor (visual estimatio		18-5							
low rate (volume/time		Coluctees			-				
Allome collected, ms.					-		-		
retal volume collected		_					1/		3
that you're conscised			Semark: Total y	Glume collected	must be great	or than total of so	mple size require	4	
Anatrala Reguted an	d Preservation Method		01 30	1					
Tests (2004)	MRSL Parameters)	Test required	Total of		Type of conta	iner		Preservation med	tod
	1	(4)	nample size	_	Waste Committee	(600)	0 8	- coortanion lines	****
	1. Phthaiste	4							
Combined test or	Ontorobercenes, Chloroboluene & PAH	40	1000 mt, total	1					
(Memark 4)	3 SCCPs	4.5	1000 mL each						
	4. APS	1							
APEDe		2.0	- 32/01						
		4	100 mL				100		
Orierophenois & Co	eote	4	100 mL						
Fleme retendent		- 4	500 mL						
		1	10 mL	Amber Glass washed with sizic acid.			Without arrong are Sincre sample at 2-6'	e e	
Dyes		1	17203						
the state of the s			60 mL						
Оусо									
Оусо			1000 mL		1				
Olycol C "Prosticidas			1000 ML						
Olycol O "Presticides 1. "Nitrosamene			10 HL						
Oyoor O "Prostoidos 1. "Nilrosamene 2. Banned Azodyes		- 1	10 HL 2000 ML				-		
Dyes Sycol C "Postkidos 1. "Nivosames 2. Hanned Azodyes 3. "Free primary arom			10 ML 2000 ML 500 ML						
Oyou O rhostodos I revocamente 2 Hanned Acodyes		4	10 HL 2000 ML						
Glycol - Prosticidas 1. "Nerosamene 2. Hanned Arcotyes 3. "Frite primary arces 6. Organolin Compoun			10 ML 2000 ML 500 ML				FR to full contain	her without air gap, a and store sample at	(MRNy lo pH 2 s

72221030033-incoming

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FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00613-DATA 04 Version No.: 14

Testa (Conventional Parametera)		Test required 00	Total of sample size	Type of container	Presentation method
Combined test or					
(Remark 4)	18. Yotal dissolved solide (YDS)		2000 mL each	Arrian Ginsa, washed with ritins area.	Wifted adding and
19. 5-day Biochamical	Diggen Demand (BODS)		1000 ml.	Constitution and the constitution of the const	Stem sample of 0.810
20. Colour			100 MG		
21, Heavy Metata excep	st Cr(Vi) & Total P (Remark III)	¥	9 mL	PE washed with rains assis	Addition on 2 with HMCs, and stone of 2-5°C
22 Cyanide			600 mL	Amour Otaza, washed with pesticide grade acritisms	Adjust pH 12 with 50% flachs, ask 5 06 nc of 10% FlackyO ₃ , and store sample at 2.810
28 (3/(4)		*	95 mL		Fitter by G 48pm titler in Kest, fill in full container without on gaz: social pit to 0.3-9.5 by adding architecture butter. Stare sample at 2.8°C.
24. Chemical oxygan d	emand (CCD)		150 mL		
25. Phenois			800 mL	Americ Glass; washed with notic ocid	Access to an 2 with Hydrol. Show service as 2-810
25. Oil and Grease & T	ctal Hydrocarbon		1000 WL		
27. *Formaldehyda			25 mL		Pill to full container without air gag; octoby to get 2 will FLSO, still above mension at 2-3°C
26. Bulfde (Remark 5)			50 mL	PS, wasted with pessible grade Advisors.	Fill to full continuous without are gain, until 2 dings of 25s steel assets, edjoint 3H to 6 with 6M NaCles Store assets as 2-8*C
29. Total Collorn (Ren	urk Gj		125 mL	PC clear, sterile.	Add 0.00 /H of 10% Nucl_20.
30. Faecul Collors (Ro	mark 6)		125 mi.	(ten residies	Doors earned at 2-8°C
31. Pentistent form			NA.	Frees higher than 45 cm (vis-	el estimation): Yes / No
32 Sulfe			100 mL	Anther Class, wested with passicide grade sociose	Aint tire, of 2.5% EDYA, 0.5g sinc sources Story sample at 3-IPC
33. Total-N	16-16		100 mL		
34. Ammoraum-N			500 mL		Assisty to pri 2 with H ₂ SO ₄ Store sample at 2-S ² C
35. Accordance organically bound halogens (ACIK) 36. Acute equatio sciency. Luminus Becteris; Pish Egg; Dephre; Alege; 37. Solymate			100 rel.		(000,000,000,000,000,000,000,000,000,00
			1000 mL	Ander Stock waited with early and	
			100 mL		Without existing acid Stere sample at 2-810
36. Chloride			100 mL		500 1100 000 0000000
39 Others		5			

- 1. Individual sampling can be performed upon request
 2. The minimum sampling time for 2019 20140 guideline to 5 hours with no more than one hour between discress sampline. Sampling time could be adjusted upon request.
 3. Scope of 20140 guideline Parameter 1-9, 12, 14-17, 19-25, 28, 29, 31-25.
 Scope of synthetic leather industry. Parameter 1-9, 12, 14-27, 29-20, 28, 30, 31, 33, 34, 37, 39.

- Scope of synthesis learner industry. Framework 1-9, 19, 34-21, 23-30, 28, 30, 31, 31, 39, 30-37, 39
 Scope of MoCT: Personners 5, 13, 17, 19-3, 23-39, 28, 30-39
 Free primary entreatic action, peakodes, nationarchire and formetablinyde are not in the scope of ZDHC Guiddine, tray are tested upon request.

 4. Selent of CPSD-AH-000019-63*PM1, business with throse CPSD test despitably inside TCD mattis can perform the continued test.

 5. Refer to CPSD-AH-000019-ATHO by destinant prestedement of suified it only clinicished suifice in required to be feeled.

 6. Selent to CPSD-AH-00011-ATHO by preparation of field blank for specific parameters.

Comment from factory

Muhammad Ali EZMS

Den 19.04. 2022

Acknowledgement by factory

confusiner(is) and without any observation in leakage. Sample(is) collected by Bureau Vertus islams abred in portable freezer / bidge shalls insuranced in 1.6°C

Hatice Kargarles

Dec 19.04,2022

722210000000-mcoming

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FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00613-DATA 04 Issue Date: Version No.: 14

General Data											
Laboratory Sample Numb	ec:	72221030033-CYEING									
Client Name:		MAYTEKS ÖRME SANAYI VE TICARET ANONIM BRIKETI									
Field Contact Person.		Muhammed Furturn Kose Phone No: +90 (236) 235 1630									
Project (Facility Name and Address).		MANISA ORGANIZE SANAYI BOLGESI 1 KISIM ATATURK CAD. NO.1 YUNUSEMREMANISA									
Sampling Location / Descriptors		BEFORE TREATMENT									
Sample Identification		Zero discharge	Zero discharge with sampling plan								
Bample Type		Composite San	nple						-		
Name of Sampleri		Muhamn	ted Ati o	RTAS					-55		
Discharge mode:		Annual Control of the last of	to environment (Sp		Ever, Sea. Street.	.) OR Indrest disc	harge to sevege to	satment plant	-		
Dere of collection		19.06	The state of the s	200000000000000000000000000000000000000				COLUMN PARTY	7.3		
Factory Type:			g / Washing / Fin	ishing / Others (p	lease specify);				-		
		"Water It would be	r sewered more the	en deter	announce (-		
Pleid Data for Westswati	or .										
Arriva Time:		11:10		Departure Time	* 13:00			1			
Field Parameters		pHI		Temp:	10	Color:		Flow rate	[volume/min)		
Control No. of field equipe	rent										
Pectory with effuent treats	nent plant:		- 3	***			(8	io			
		Incoming water: (If required)									
Sample matrix		*	X Wastewater before beatment								
		- 111	Wastewater afti	or treatment - wa	ter at discharge p	wint					
Sampler container numbe											
		- 1	2	- 3	4	5	a	7	8		
Diseased to the control of the contr	ID										
Recording time	Time	11:25	12:25	13:25	16:25	15:25	16:25				
pH:		9.60	9-65	10-29	9-58	9.61	5.35				
Temp (*C):		46.0	64.1	43.9	38-3	453	47.3				
Cotor (Visual estimator):		Dark Red		Dark Grey	-		Dat Grey				
Flow rate (volume/time)		Property Comments	Con E COLLY	A-S CALL	LO F DIET	THE COLEY	INT ONLY				
Volume collected, mL											
				A. C.					111		

Tants (ZOHC MRSL Parameters)		Test required (r)	Total of sample stop	Type of container	Preservation method		
	1. Phrihalate	4					
Combined test or	Chlorobenzenes, Chlorotoluene & PAH	4	1000 mL total				
(Remark 4)	3 SOCPs	4	1000 mL each				
Mar Joseff	4. APS	₹:	6:				
E APEQ4	1.2	4	100 ms.				
Chloroprehold & Cheads Filams interdent Cipus C		4	100 mL	Antoer Glass, washed with ritins asid.			
		4	500 mL		Wifest adding soid		
		2	10 mL		Store sample at 2 8°C		
		4	50 mL				
			1000 mL				
1. 'Nivocamine			10 ml,				
2. Banned Azodywa		4	2000 ms.				
Tree privary aromatic amines Organolin Compounds VCC & Halogenoidd Solvents (Romars 6)			500 mL				
		- 40	600 mL				
		4	10 mL		Filt to full container without air gap; acidity to piri 2 wi HO and store sample at 2-9°C		
16. PFCs (Remark 6)		4	2 int.	PE, washed with persone grade Assisse	Without adding sold		

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FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00613-DATA 04 Issue Date: Version No.: 14 Business Line: Analytical

ntional Parameters)	Test required to	Total of sample	Type of combiner	Preservation method	
Combined test 17. Total suspensed solids (TSS)		2000 mL total			
18. Total dissolved solids (TDS)		2000 mL each	Arther Clare supportudo rator and	Without adding acid	
Daygen Demand (8006)		1000 mL		Since singular 2/0/C	
20. Colour		100 mL			
r Cr(Vi) & Total-P (Remark 6)	4	9 mL	PE, washed with ribits acid	Apidity to pH 2 with HNO, and store at 2-8°C	
		500 mL	Amber Class, washed with pesticide grade acetone	Adjust pH 12 with 60% NaCH, add 0.05 ns or 10%. Na ₂ SyO ₃ and store sample at 2:8°C	
	4	96 mL		Filter by 0.45 pm filter in faid, fill to full container without air gap; adjust jiH to 9.0.9.5 by adding ammonium buffer. Slone sample at 2.0°C	
emand (COD)		160 mL		S-SALIM-MONTHS OF MANAGEMENT	
25 Phenois		500 mL	Amber Class; wasted with nitric acid	Aciety to girl 2 with HySO ₄ Story surrols at 2-5°C	
Mi Hydrocarbon		1000 mL			
		25 mL		Fit to full container without air gap, acidly to girl 2 with HSSO, and store cample at 2.6°C	
		50 mi.	PE, washed with posticide. grade Acetane:	Fill to full container without air gap, and 2 drops of 2M sino scelate, edjust phi to 9 with 6M NuClei Store sample at 2-9°C	
29. Yosa Colforn (Remark 6) 30. Fescal Colforn (Remark 6)		125 mL	PE close, warfa	Add 5.05 mi of 10% Nag.20.	
		125 mL	non-reactive	Store sample at 2.6°C	
. Persistent foam		NA.	Feath Nigher than 45 cm (visual estimation): You / No		
		100 mL	Amber Glass, washed with posticide grade acatons	Add fml, of 2.5% EDTA, 0.5g also exetain Store sample at 2.6°C	
		100 mL			
		500 mL		Addity to pH 2 with H ₂ SO ₄ Store sample at 2-8°C	
sky bound helogens (ACX)		100 mL		September 2	
36. Acute equatic toxicity: Luminus Bactoria; Fish Egg; Daphner, Alege; 37. Suphrate		1000 mL	Amber Gless; washed with nitric acid;	Welliand adding load Stone sample at 2-8*C	
		100 mL			
		100 mL		T-THEODIES O	
	17. Total suspensed solds (TSS) 18. Total disactived solds (TSS) 19. Total disactived solds (TSS) (TSS) bygen Demand (BCDS) in Cr[vi) & Total-P (Remark 8) imand (COD) interest (COD) inte	17. Total suspened solds [758] 18. Total dissolved solds [758] 18. Total dissolved solds [758] 19. Total dissolved solds [758]	17. Total suspensed solds 2000 mL total (TSS) 2000 mL 2000 m	17. Total supported colds 2000 mil. total or 17. Total disactived colds 2000 mil. total or 2000 mil. total 2000 mil. 2	

'Remarks

- 1. Individual sampling can be performed upon request
- 2. The minimum sampling itme for 2019 ZOHC guideline is 6 hours with no more than one hour between disorde samples. Sampling time could be edjusted upon request.
- 3. Scope of ZOHC guideline: Peremeter 1-9, 12, 14-17, 19-26, 28, 29, 31-35

Scope of synthetic leather industry. Parameter 1-9, 12, 14-21, 23-26, 29, 30, 31, 33, 34, 37, 39

Scope of MMCF: Parameter 5, 16, 17, 19-21, 23 - 26, 28, 33-36

Free primary aromatic arrive, pessicides, nitrosamine and formacietryde are not in the ecope of ZDHC Guidine, they are tested upon request.

- 4. Refer to CPSD-AN-G00019-STIPO1, loadions with those CPSD test capability inside TCD matrix can perform the combined test.
- 5. Refer to CPSD-AN-000570-MTHD for additional pretrestment of sulfide if only dissolved sulfide is required to be tested.
- 6. Refer to: CPSD-AN-00613-MTHD for preparation of field blank for specific parameters.

Recorded by:

Mulamond AG ELTAS

Comment from factory

Acknowledgement by factory

I hereby confirmed that Bureau Veritais has completed the stated sampling activity at captioned date, three and location. All sample(s) salare collected in desirated container(s) and without any observation in lockage. Sample(s) collected by Sureau Veritae laters stored in portable freezer / fridge that is maintained in 1-6°C.

Signatory of Factory Representative

Hatice Karaaslan

Date: 19.04,2021



72221030033-before-dyeing

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FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00613-DATA 04 Issue Date: Version No.: 14 Business Line: Analytical

General Data										
Laboratory Sample Numb	or.	72221030033-PRINTING								
Client Name:		MAYTEKS ÖRME SANAYI VE TIÇARET ANDRIM SIRKETI								
Field Corriect Person:		Muhammed F	Muhammed Furkan Kasa Phone No: +90 (236) 238 1630							
Project (Facility Name and	d Address):	MANISA ORG	SAMZE SANAYI B	OLGESI 1.KIŞIM	ATATURK CAD	. NO:1 YUNUSE	WREMANISA		-	
Sampling Location / Desc	ripton	BEFORE TRE	ATMENT				A SECTION AND ADDRESS OF THE PARTY OF THE PA		_	
Sample Identification		Zero discharg	e with earnpling pla	an					-	
Sample Type:		Composite Su	emple						- 1	
Name of Sampler:		11. di cono	ned Ali E	PITAS						
Ciachargo made:			e to enumerouse (S)		River, Sea, Stream	n.) OR instead to	scharge to sewage	tostrant stant	-17	
Data of collection:		19.04-	the same of the sa						-	
Fectory Type:		The second second second	ing / Weeking / Fin	ishing / Others to	place spectivit				-	
			be nelected more than			-			-11	
Field Data for Westewat	er.									
Arriva Time:		41:40 Departs		Departure Time	me 17:00		i i			
Field Parameters		pH :		Temp	*C	Color		Flow rate:	(volume/min)	
Cantral No. of field equips	nent									
Factory with effluent treut	ment plant:	Yes (No.)								
		Incoming water (Frequired)								
Sample matrix		×	x Wostewoter before treatment							
			Wastewater after treatment - water at discharge point							
Sampler container numbe	ir -						100		1	
		1	2	3	4		- 6	7	8	
ACCURACY TO	ID.						-		1	
Recording time	Time	-(1:30	12:30	15:30	16030	15:30	16:30		1	
pH		8-94	8.31	8-91	9-50	8-12	8-85		_	
Temp (°C)		22:3	21-1	22-2	24.1	22.0	21.5		_	
Color (visual estimation):		Black	Dark Grey	200	20)	200	Red			
Flow rate (volume/time)			1	1.100	Eter M.	LOW.	200		1	
Valume collected, mL.							_		-	

Tests (ZDHC MRSL Parameters)		Test required (v)	Total of sample size	Type of container	Preservation method		
	1. Phthelate	4					
Contained test or	2. Chlorobenzenes, Chlorotoluene & PAH	4	1000 mL total				
(Remark 4)	3 SCCPs		1000 mL each				
COMMERCIAL	4.APS	4					
5. APECs 6. Chlorophenote & Crescle 7. Fame indiendant 8. Dyes 9. Glycol 10. "Predicides		- (100 mL	Anther Glass, washed with nilric sold,	Without adding and Show earnple at 2-8*C		
		4	100 mL				
		4	500 ms.				
		4	10 mL				
		(4)	50 mL				
			1000 mL				
11. "Nitrosamine			10 mL				
12. Blanned Azodyes		4	2000 mL				
"Free primary aromatic aminus Criganish Compounds VOC & Halogenated Solvents (Remark 5)			800 mL				
		10	500 mL				
		0.40	10 mL		Pill to full container willhout air gap, ackelly to grt 2 with HCl and slore sample at 2-8°C		
16. PFCs (Nemark 6)		3.0	2 mL	PC, washed with posticide grade Acetone	Without adding sold Sizes sample at 2.8°C		

Remark: Total volume collected must be greater than total of sample size required

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FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00613-DATA 04 Issue Date: | Version No.: 14

Tests (Coove	ntional Parameters)	Twist required (V)	Total of sample size	Type of container	Preservation method	
Combined test 17. Total suspened solids or (TSS)			2000 ML total			
(Remark 4)	18. Total dissolved salids (TDS)		2000 ml, each	Artifer Glass, washed with stirle acid.	Without adding and	
19. 5-day Biochemical I	Daygen Dement (8006)		1000 mL		Store sample at 3-8°C	
20. Colour			100 mL			
21. Heavy Metals excep	ot Ct(VI) & Total-P (Remark 5)	9	D mt.	PS, waited with nitric acid	Addity to pH 2 with HWO ₂ and store at 2-8°C	
22. Cyanide			500 mL	Amber Glass, washed with pesticide grade acetoes	Allum pri 12 with 50% MaCh1, apd 0.05 mi at 10% MagS ₂ O ₆ , and store sample at 2-8°C	
23. Cη(VI)		4	95 mL		Fifter by D.40pm filter in field, fill to tull container without air gast adjust prints 2.0-2.5 by acting ammonium buffer. Store sample at 2.5°C	
24. Chemical oxygen d	amana (COO)		150 mL	1		
25. Phenois			500 mL	Amber Glass; washed with ribin and	Acidity to pH 2 with H ₃ SO ₄ Store sample at 2.8°C	
26. Oil and Greate & To	Dit and Grease & Total Hydrocarbon		1000 mL			
27. *Formaldehyde		ļ	25 mL		Fill to full container without air gap, solidity to pit 2 with HySO ₄ and store sample at 2.8°C	
28. Sullide (Remark 5)	8		50 mL	PE, washed with postcome grade Acetone;	Fill to full container without air gap; add 2 dripps of 2M are assesse, adjust pir to 8 with 5M his/GH Stone sample at 2.8°C	
29. Total Coliform (Remark 6) 30. Feecal Colform (Remark 6)			125 mL	PE, clean, starte.	Add 0.05 and of 10% Na2,205	
			125 mL	F05-Yesthys	Store semple at 2-8°C	
31. Persistent foam	ensistent foam		NA.	Foom higher than 46 on (vasual estimation): Yes / No.		
32, Sulfino			100 mL	Aniber Glass, washed with positiode grade acators	Add first of 2.5% EOTA, 0.5g sine scenate Store sample at 2-5YO	
33. Total-N			100 mL			
34. Ammonium-N			\$00 ml,		Accept to pH 2 with HySD, Store sample at 2-0°C	
35. Adsorbable organic	ally bound halogens (ACX)		100 mL			
35. Acute aquario toesty: Lummus Bacterio, Fish Egg; Daphns; Alage; 37. Subinote			1000 mL	Amber Glass washed with sièrc acco.		
			100 mL		Without soding acid Brote sample at 2-8°C	
38. Chlorida			100 mL		100000000000	
9 Others		-	-			

"Remorks

- 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: Planemeter 1-9, 12, 14-17, 19-26, 28, 29, 31-35

Scope of synthetic leather industry: Paremeter 1-9, 12, 14-21, 23-26, 29, 30, 31, 33, 34, 37, 36

Scope of MWCF: Paremeter 5, 15, 17, 19-21, 23 - 26, 28, 33-36

Free primary aromatic artinia, peaksides, nitrosamine and formaldehyde are not in the scope of ZDHC Guidina, they are tested upon request.

- Refer to CPSD-AN-000019-STIPO1, backers with those CPSD test copability inside TCD matrix can perform the combined test.
 Refer to CPSD-AN-000570-WTHD for additional prefrontment of suitide if only disabled surface is required to be tested.
- Refer to CPSD-AN4-00513-NTHD for proporation of field blank for specific parameters.

Recorded by:

Muhammad Ni ELTAS

Comment from factory

Asknowledgement by factory

I hereby confirmed that Bureau Verias has concluded the stated sampling activity at captioned date, time and location. All sample(a) islams collected in destinated container(s) and without any observation in leekage. Sample(s) collected by Bureau Verias sales stend in portable freezer / tridge that is maintained in 1-6°C.

Signatory of Factory/Representative.

Hothe Karagalan

Date 19.04, 2022



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APPENDIX D – Limitation Value of Legal Requirements

MANISA ORGANIZE SANAYI BÖLGESI"

ATIKSU ALTYAPI TESİSLERİNE DEŞARJ İÇİN FİRMAYA DÜZENLENEN BAĞLANTI KALİTE KONTROL İZİN BELGESİ

D. Tarihi

:20.12.2021

S. No

:591

2. KURULUŞUN ATIKSU BAĞLANTI SİSTEMİ İLE İLGİLİ BİLGİLER :

2.1.OSB Atıksu Altyapı Tesisine bağlanmasına izin verilen atıksu türü ve miktarı

ATIKSU TÜRÜ	ATIKSU MİKTARI*)	
Evsel+Endüstriyel	71.414 m³/ay	

^{*12/2020 - 12/2021} tarihleri arası 12 aylık ortalama değeri ifade eder.

1.BAŞVURUDA BULUNAN KURULUŞUN ADI: MAYTEKS ÖRME SAN. VE TİC. A.Ş.

(MOSB I. Kısım, 3742 Ada, 4 No.lu parsel)

 Su Kirliliği Kontrolü Yönetmeliği (S.K.K.Y.) eki Tablo 25'e göre yapılmış analiz sonuçlarının uygun olduğunu gösteren değerlendirme tablosu aşağıda verilmiştir.

Parametre	Tablo-25 Değerleri	Firma Analiz Sonuçları*
Kimyasal Oksijen İhtiyacı (mg/l)	4.000	1184
Askıda Katı Madde (mg/l)	500	318
Yağ ve Gres (mg/l)	250	5
pH	6,5-10	9,67
Toplam Çinko (mg/L)	10	0,080
Toplam Bakır (mg/L)	2	0,000
Toplam Nikel (mg/L)	5	0,000
Toplam Kurşun (mg/L)	3	0,000
Toplam Krom (mg/L)	5	0,000

Bülge teknik elemenlerince elinen Firme atiksu numunelerinin, MOSB Çevre Laboratuvarında 08.12.2021 ve 16.12.202 tarihlerinde yapılan analiz değerlerini ifade eder.

Q5 20

Reviewon North