**Organization Name**

Sanjana Fabrics Limited

AddressMahana, Duptara, Rupgonj, Narayangonj
Narayanganj Dhaka Bangladesh**Email**

Info@asiatic-group.com

Telephone

-

ZDHC ID

A222ND56

OAR ID

BD20200538BHKNY

TRID

TR386HA29

Wastewater Guideline

ZDHC Wastewater Guideline v2.1

Reporting Cycle

2024-Apr

Reporting Date

04-04-2024

Sample Date

13-03-2024

Sanjana Fabrics Limited Overview

Sector

-

Materials

-

Processes

-

Sample Locations

Effluent, Untreated, Sludge

Discharge Type

Direct

Fibre Type

-

Pre-TreatmentsCooling or heat recovery systems to cool wastewater,
Preliminary Treatment, Secondary Trea...**Major Sludge Pathway**

A. Offsite Incineration at >1000 oC

% Representation of Sludge Disposal

100%

Average Total Wastewater Generated935.39 m³/day

HIGH LEVEL PERFORMANCE

The section below shows the high-level results from your Laboratory test report in context with the ZDHC Wastewater Guidelines and scoring methodology. The numbers below display scoring of parameters tested that meet requirement set forth by the ZDHC Wastewater Guidelines.

51/57Conventionals and
Anions**199/199**

MRSL

36/36

Metals

PERFORMANCE BREAKDOWN

The section below shows the detailed results from your Laboratory test report in context with the ZDHC Wastewater Guidelines and scoring methodology.

MRSL

■ Meets Requirements
 ■ Does Not Meet Requirements
 ■ Not Analyzed



Conventional and Anions

■ Aspirational
 ■ Progressive
 ■ Foundational
 ■ Alert
 ■ Not Analyzed



Metals

■ Aspirational
 ■ Progressive
 ■ Foundational
 ■ Alert
 ■ Not Analyzed



PARAMETER TYPE DETAILS: MRSL

100.00%	100.00%	100.00%
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers	Anti- Microbials & Biocides	Chlorinated Parafins
100.00%	100.00%	Not Analyzed
Chlorobenzenes and Chlorotoluenes	Chlorophenols	Chlorotoluenes
100.00%	100.00%	100.00%
Dimethyl Formamide (DMFa)	Dyes – Carcinogenic or Equivalent Concern	Dyes – Disperse (Allergenic)
100.00%	100.00%	100.00%
Dyes – Navy Blue Colourant	Flame Retardants	Glycols / Glycol Ethers
100.00%	100.00%	100.00%
Halogenated Solvents	Organotin Compounds	Other/Miscellaneous Chemicals
100.00%	100.00%	100.00%
Perfluorinated and Polyfluorinated Chemicals (PFCs)	Phthalates – including all other esters of ortho-phthalic acid	Polycyclic Aromatic Hydrocarbons (PAHs)
100.00%	100.00%	100.00%
Restricted Aromatic Amines (Cleavable from Azo-colourants)	UV Absorbers	Volatile Organic Compounds (VOC)

■ Meets Requirements
 ■ Does Not Meet Requirements
 ■ Not Analyzed
 ■ Not Required

Parameter	Value
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP) - (µg/l)	ND
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP) - (µg/l)	ND
1,2-dichlorobenzene - (µg/l)	ND
1,2-dichloroethane - (µg/l)	ND
2,2-bis(bromomethyl)-1,3-propanediol (BBMP) - (µg/l)	ND
2,3,4,5-tetrachlorophenol - (µg/l)	ND
2,3,4,6-tetrachlorophenol - (µg/l)	ND

Parameter	Value
2,3,4-trichlorophenol - (µg/l)	ND
2,3,5,6-tetrachlorophenol - (µg/l)	ND
2,3,5-trichlorophenol - (µg/l)	ND
2,3,6-trichlorophenol - (µg/l)	ND
2,3-dichlorophenol - (µg/l)	ND
2,4,5-trichlorophenol - (µg/l)	ND
2,4,5-trimethylaniline - (µg/l)	ND



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Parameter	Value
2,4,5-trimethylaniline hydrochloride - (µg/l)	ND
2,4,6-trichlorophenol - (µg/l)	ND
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327) - (µg/l)	ND
2,4-dichlorophenol - (µg/l)	ND
2,4-xylidine - (µg/l)	ND
2,5-dichlorophenol - (µg/l)	ND
2,6-dichlorophenol - (µg/l)	ND
2,6-xylidine - (µg/l)	ND
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) - (µg/l)	ND
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350) - (µg/l)	ND
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) - (µg/l)	ND
2-chlorophenol - (µg/l)	ND
2-ethoxyethanol - (µg/l)	ND
2-ethoxyethyl acetate - (µg/l)	ND
2-methoxyethanol - (µg/l)	ND
2-methoxyethylacetate - (µg/l)	ND
2-methoxypropylacetate - (µg/l)	ND
2-naphthylamine - (µg/l)	ND
2-Naphthylammoniumacetate - (µg/l)	ND
3,3-dichlorobenzidine - (µg/l)	ND
3,3-dimethoxylbenzidine - (µg/l)	ND
3,3-dimethylbenzidine - (µg/l)	ND
3,4,5-trichlorophenol - (µg/l)	ND
3,4-dichlorophenol - (µg/l)	ND
3,5- dichlorophenol - (µg/l)	ND
3-chlorophenol - (µg/l)	ND
4,4-methylene- bis-(2-chloro-aniline) - (µg/l)	ND

Parameter	Value
4,4-methylenedi-o-toluidine - (µg/l)	ND
4,4-methylenedianiline - (µg/l)	ND
4,4-oxydianiline - (µg/l)	ND
4,4-thiodianiline - (µg/l)	ND
4-aminoazobenzene - (µg/l)	ND
4-aminodiphenyl - (µg/l)	ND
4-chloro-o-toluidine - (µg/l)	ND
4-chloro-o-toluidinium chloride - (µg/l)	ND
4-chloroaniline - (µg/l)	ND
4-chlorophenol - (µg/l)	ND
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate - (µg/l)	ND
4-methoxy-m-phenylenediamine - (µg/l)	ND
4-methyl-m-phenylenediamine - (µg/l)	ND
5-nitro-o-toluidine - (µg/l)	ND
6-methoxy-m-toluidine - (µg/l)	ND
Acenaphthene - (µg/l)	ND
Acenaphthylene - (µg/l)	ND
AEEA [2-(2-aminoethylamino)ethanol] - (µg/l)	ND
Anthracene - (µg/l)	ND
Basic violet 3 with >0.1% of Michler´s Ketone - (µg/l)	ND
Benzene - (µg/l)	ND
Benzidine - (µg/l)	ND
Benzo[a]anthracene - (µg/l)	ND
Benzo[a]pyrene - (µg/l)	ND
Benzo[b]fluoranthene - (µg/l)	ND
Benzo[e]pyrene - (µg/l)	ND
Benzo[ghi]perylene - (µg/l)	ND



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Parameter	Value
Benzo[j]fluoranthene - (µg/l)	ND
Benzo[k]fluoranthene - (µg/l)	ND
Bis(2,3-dibromopropyl) phosphate (BIS) - (µg/l)	ND
Bis(2-methoxyethyl) phthalate (DMEP) - (µg/l)	ND
Bis(2-methoxyethyl)-ether - (µg/l)	ND
Bisphenol A - (µg/l)	ND
Boric acid - (µg/l)	ND
Butyl benzyl phthalate (BBP) - (µg/l)	ND
C.I. Acid Red 26 - (µg/l)	ND
C.I. Acid Violet 49 - (µg/l)	ND
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) - (µg/l)	ND
C.I. Basic Green 4 (Malachite Green Chloride) - (µg/l)	ND
C.I. Basic Green 4 (Malachite Green Oxalate) - (µg/l)	ND
C.I. Basic Green 4 (Malachite Green) - (µg/l)	ND
C.I. Basic Red 9 - (µg/l)	ND
C.I. Basic Violet 14 - (µg/l)	ND
C.I. Direct Black 38 - (µg/l)	ND
C.I. Direct Blue 6 - (µg/l)	ND
C.I. Direct Red 28 - (µg/l)	ND
C.I. Disperse Blue 1 - (µg/l)	ND
C.I. Disperse Blue 3 - (µg/l)	ND
Chrysene - (µg/l)	ND
Component 1: C ₃₉ H ₂₃ Cl-CrN ₇ O ₁₂ S 2Na - (µg/l)	ND
Component 2: C ₄₆ H-30CrN ₁₀ O ₂₀ S ₂ 3Na - (µg/l)	ND
Decabromobiphenyl (DecaBB) - (µg/l)	ND
Decabromodiphenyl ether (DecaBDE) - (µg/l)	ND
Di(ethylhexyl) phthalate (DEHP) - (µg/l)	ND

Parameter	Value
Di-cyclohexyl phthalate (DCHP) - (µg/l)	ND
Di-iso-decyl phthalate (DIDP) - (µg/l)	ND
Di-iso-octyl phthalate (DIOP) - (µg/l)	ND
Di-isobutyl phthalate (DIBP) - (µg/l)	ND
Di-isononyl phthalate (DINP) - (µg/l)	ND
Di-n-hexyl phthalate (DnHP) - (µg/l)	ND
Di-n-octyl phthalate (DNOP) - (µg/l)	ND
Di-n-pentylphthalates - (µg/l)	ND
Di-n-propyl phthalate (DPRP) - (µg/l)	ND
Dibenz[a,h]anthracene - (µg/l)	ND
Diboron trioxide - (µg/l)	ND
Dibromobiphenyls (DiBB) - (µg/l)	ND
dibromopropylether - (µg/l)	ND
Dibutyl phthalate (DBP) - (µg/l)	ND
Diethyl phthalate (DEP) - (µg/l)	ND
Diisopentylphthalates - (µg/l)	ND
Dimethyl formamide; N,N-di-methylformamide (DMFa) - (µg/l)	ND
Dinonyl phthalate (DNP) - (µg/l)	ND
Dipropyltin compounds (DPT) - (µg/l)	ND
Disodium octaborate - (µg/l)	ND
Disodium tetraborate, anhydrous - (µg/l)	ND
Disperse Blue 102 - (µg/l)	ND
Disperse Blue 106 - (µg/l)	ND
Disperse Blue 124 - (µg/l)	ND
Disperse Blue 26 - (µg/l)	ND
Disperse Blue 35 - (µg/l)	ND
Disperse Blue 7 - (µg/l)	ND



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Parameter	Value
Disperse Brown 1 - (µg/l)	ND
Disperse Orange 1 - (µg/l)	ND
Disperse Orange 11 - (µg/l)	ND
Disperse Orange 3 - (µg/l)	ND
Disperse Orange 37/59/76 - (µg/l)	ND
Disperse Red 1 - (µg/l)	ND
Disperse Red 11 - (µg/l)	ND
Disperse Red 17 - (µg/l)	ND
Disperse Yellow 1 - (µg/l)	ND
Disperse Yellow 3 - (µg/l)	ND
Disperse Yellow 39 - (µg/l)	ND
Disperse Yellow 49 - (µg/l)	ND
Disperse Yellow 9 - (µg/l)	ND
Ethylene glycol dimethyl ether - (µg/l)	ND
Fluoranthene - (µg/l)	ND
Fluorene - (µg/l)	ND
Heptabromodiphenyl ether (HeptaBDE) - (µg/l)	ND
Hexabromocyclodecane (HBCDD) - (µg/l)	ND
Hexabromodiphenyl ether (HexaBDE) - (µg/l)	ND
Indeno[1,2,3-cd]pyrene - (µg/l)	ND
m-cresol - (µg/l)	ND
Medium-chain Chlorinated paraffins (MCCPs) (C14-C17) - (µg/l)	ND
Methylene chloride - (µg/l)	ND
Mono-, di- and tri-butyltin derivatives - (µg/l)	ND
Mono-, di- and tri-methyltin derivatives - (µg/l)	ND
Mono-, di- and tri-octyltin derivatives - (µg/l)	ND
Mono-, di- and tri-phenyltin derivatives - (µg/l)	ND

Parameter	Value
Monobromobiphenyls (MonoBB) - (µg/l)	ND
Monobromodiphenylethers (MonoBDEs) - (µg/l)	ND
Naphthalene - (µg/l)	ND
Nonabromobiphenyls (NonaBB) - (µg/l)	ND
Nonabromodiphenyl ether (NonaBDE) - (µg/l)	ND
Nonylphenol (NP), mixed isomers - (µg/l)	ND
Nonylphenol ethoxylates (NPEO) - (µg/l)	ND
o-aminoazotoluene - (µg/l)	ND
o-anisidine - (µg/l)	ND
o-cresol - (µg/l)	ND
o-Phenylphenol (+salts) - (µg/l)	ND
o-toluidine - (µg/l)	ND
Octabromobiphenyls (OctaBB) - (µg/l)	ND
Octabromodiphenyl ether (OctaBDE) - (µg/l)	ND
Octylphenol (OP), mixed isomers - (µg/l)	ND
Octylphenol ethoxylates (OPEO) - (µg/l)	ND
Other isomers of mono-, di-, tri-, tetra-, penta- and hexa- Chlorobenzene and mono-, di-, tri-, tetra- and penta- chlorotoluene - (µg/l)	ND
p-cresol - (µg/l)	ND
Pentabromodiphenyl ether (PentaBDE) - (µg/l)	ND
Pentachlorophenol (PCP) - (µg/l)	ND
Perfluorooctane sulfonate (PFOS) and related substances Perfluorooctanoic acid (PFOA) - (µg/l)	ND
Perfluorooctanoic acid (PFOA) related substances - (µg/l)	ND
Permethrin - (µg/l)	ND
Phenanthrene - (µg/l)	ND
Polybromobiphenyls (PBB) - (µg/l)	ND
Pyrene - (µg/l)	ND
Quinoline - (µg/l)	ND



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Parameter	Value
Short-chain Chlorinated paraffin (C10 – C13) - (µg/l)	ND
Tetraboron disodium heptaoxide, hydrate - (µg/l)	ND
Tetrabromobisphenol A (TBBPA) - (µg/l)	ND
Tetrabromodiphenyl ether (TetraBDE) - (µg/l)	ND
Tetrabutyltin compo+A195:B206unds (TeBT) - (µg/l)	ND
Tetrachloroethylene - (µg/l)	ND
Tetraethyltin Compounds (TeET) - (µg/l)	ND
Tetraoctyltin compounds (TeOT) - (µg/l)	ND
Thiourea - (µg/l)	ND
Toluene - (µg/l)	ND
Tribromodiphenylethers (TriBDEs) - (µg/l)	ND
Trichloroethylene - (µg/l)	ND
Triclosan - (µg/l)	ND
Tricyclohexyltin (TCyHT) - (µg/l)	ND
Triethylene glycol dimethyl ether - (µg/l)	ND
Tripropyltin Compounds (TPT) - (µg/l)	ND
Tris(1,3-dichloro-isopropyl) phosphate (TDCP) - (µg/l)	ND
Tris(1-aziridinyl)phosphine oxide (TEPA) - (µg/l)	ND
Tris(2,3,-dibromopropyl)-phosphate (TRIS) - (µg/l)	ND
Tris(2-chloroethyl) phosphate (TCEP) - (µg/l)	ND
Tris-(2-chloro-1-methylethyl)phosphate (TCPP) - (µg/l)	ND
Xylene - (µg/l)	ND
Borate, Zinc Salt - (µg/l)	ND-ND

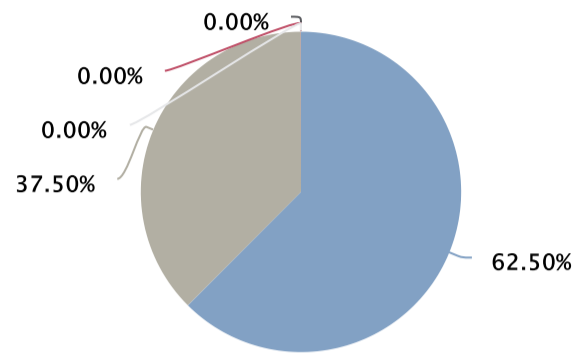


GATEWAY

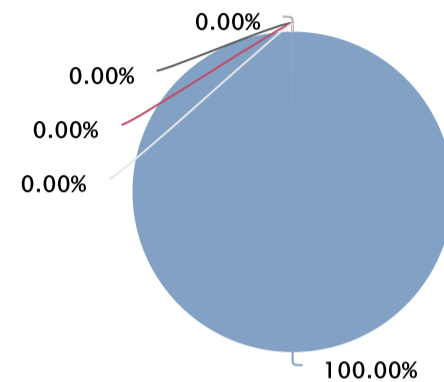
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PARAMETER TYPE DETAILS: CONVENTIONALS AND ANIONS

- Aspirational
- Progressive
- Foundational
- Alert
- Not Analyzed



CONVENTIONALS



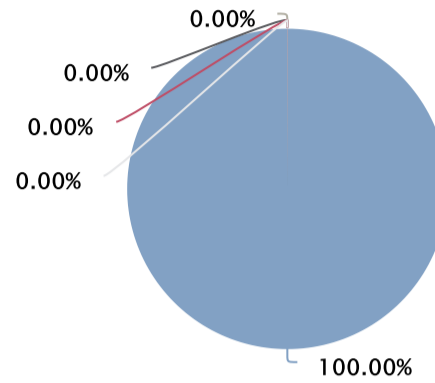
ANIONS

Parameter	Value
Ammonium-Nitrogen - (mg/l)	0
AOX - (mg/l)	0
Biochemical Oxygen Demand 5-days concentration (BOD) - (mg/l)	15
Chemical Oxygen Demand (COD) - (mg/l)	50
Colour (436nm) - (m ⁻¹)	2
Colour (525nm) - (m ⁻¹)	1.3
Colour (620nm) - (m ⁻¹)	0.8
Dissolved Oxygen (DO) - (mg/l)	7
E.coli - (MPN/100mL)	0
Oil and Grease - (mg/l)	0
Persistent foam - (None)	Absent
pH - (pH)	8
Phenol - (mg/l)	0.009
Temperature difference - (C)	3
Total Chlorine - (mg/l)	0
Total Dissolved Solids (TDS) - (mg/l)	1583
Total Nitrogen - (mg/l)	0
Total Phosphorus - (mg/l)	0.5
Total Suspended Solids (TSS) - (mg/l)	7
Wastewater flowrate - (m ³ /day)	942

Parameter	Value
Chloride - (mg/l)	208
Cyanide, total - (mg/l)	0
Sulfate - (mg/l)	313
Sulfide - (mg/l)	0
Sulfite - (mg/l)	0

PARAMETER TYPE DETAILS: METALS

- Aspirational
- Progressive
- Foundational
- Not Analyzed
- Alert



METALS

Parameter	Value
Antimony (Sb) - (mg/l)	0
Arsenic (As) - (mg/l)	0
Barium (Ba) - (mg/l)	0
Cadmium (Cd) - (mg/l)	0
Chromium (VI) - (mg/l)	0
Chromium, total (Cr) - (mg/l)	0
Cobalt (Co) - (mg/l)	0
Copper (Cu) - (mg/l)	0
Lead (Pb) - (mg/l)	0
Mercury (Hg) - (mg/l)	0
Nickel (Ni) - (mg/l)	0
Selenium (Se) - (mg/l)	0
Silver (Ag) - (mg/l)	0
Tin - (mg/l)	0
Zinc (Zn) - (mg/l)	0



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SAMPLE AND TEST INFORMATION

Wastewater Guideline

ZDHC Wastewater Guideline v2.1

Reporting Cycle

2024-Apr

Reporting Date

04-04-2024

Sample Date

13-03-2024

ZDHC APPROVED LABORATORY DETAILS

Name

Intertek Testing Service Labtest Bangladesh Ltd._WW

Address

ITS Labtest Bangladesh Ltd, Intertek House,Phoenix Tower (2nd & 3rd Floor), 407, Tejgaon I/A, Dhaka – 1208, Bangladesh Tejgaon Dhaka Bangladesh

Email Address

mainul.aconda@intertek.com

Sampler ID

ZDHC-A-22-E-C001068-R227E-44ACC

Lab Test Reference Number

BGDT24039235

Contact Name

Mohammad Mainul Aconda

Contact Number

+88 096 6677 6669

APPENDIX

Find more information about the [Wastewater Guidelines](#) and [Performance Calculations](#) here.



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