



**BUREAU  
VERITAS**

# TEST REPORT

**Technical Report:** (6819)184-0134

July 13, 2019

Date Received: July 02, 2019

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Factory Company Name: Fair Design Printing Ltd.  
Factory Address: SHI/140-1, Chanpara, Bashon Sharak, Gazipur, 1704, Bangladesh.  
Client: H&M  
Initiated By: H&M Initiated  
Sample Type: Grab Sample\*  
Sample Pick Up Date: July 02, 2019  
Test Period: July 03, 2019 to July 13, 2019

Sample Description: Sample(s) received is/are stated to be:  
I001) Wastewater after treatment (ETP Outlet)

## **REMARK**

This report shown the test result of the environment sample(s) of above factory which collected on specific date and time. The result(s) of this report shall not be used for any regulatory compliance purposes.

\* The grab sampling is agreed with client.

**BUREAU VERITAS  
CONSUMER PRODUCTS SERVICES ( BANGLADESH ) LTD.**

**M. NUR ALAM  
SENIOR MANAGER  
ANALYTICAL LABORATORY**

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### Sampling

Method of sampling used is grab sampling (agreed with client.). Grab samples are discrete samples that are taken at a location to provide a 'snapshot' of the water quality characteristics at that time. For the purposes of quantifying water or wastewater constituents, grab samples will show the concentrations at that location and time of sampling. They will not provide any information about the concentrations outside that point in time.

**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

Tested Item(s) : I001) Wastewater after treatment (ETP Outlet)

Test Parameter	Result	Unit	Test Method
<b>Tested Item(s)</b>	<b>I001</b>	-	-
pH Value	7.9 at 21.4 °C	-	Reference to ALPA 4500-H <sup>+</sup> B & EPA 150.2
Total Suspended Solids (TSS)	ND	mg/L	Reference to ALPA 2540D, GB 11901, ISO 11923
Chemical Oxygen Demand (COD)	84	mg/L	Reference to ALPA 5220B & EPA 410.3
Biochemical Oxygen Demand (BOD <sub>5</sub> )	24	mg/L	Reference to APHA 5210B (5 days)

**Note:** ND: Not Detected; BDL: Below Detection Limit, D.L: Detection Limit.

Detection Limit (mg/L): 5 (TSS), 2 (COD), 2 (BOD<sub>5</sub>).

APHA: American Public Health Association Standard Methods for the Examination of Water and Wastewater.

U. S. EPA: United States Environmental Protection Agency.

°C: degree Celsius, mg/L: milligram per liter.

### Photo of the Sample/ Sampling Location





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APPENDIX

H/M

Version: August 2014

Sampling Protocol

1. Basic Data

Supplier Name: Fain Design Printing Ltd  
Factory Name: Bashon Samak, Gazipur  
Address:  
Production unit/process(es): Printing

2. Waste Water Treatment Plant (Biological / Chemical / Combined / Other) Physio-chemical

- Information source of WWTP: Tahmina Akter
- WWTP capacity: 4 m<sup>3</sup>/hr

3. Sampling:

Criteria	Unit	Result
Plumage taken (Yes/No)		✓
Temperature:	°C	32.5
Visual Color:		colorless
Name of the lab:		BVCPS (BD) Ltd
Date and time of sampling:		02.07.19
Date of submission:		02.07.19
Sampling equipment provided by:		BVCPS (BD) Ltd

Comments:

Observation on ETP Operation:

Name and signature  
Anifur Islam  
Anif

Date  
02.07.19

END