



**BUREAU
VERITAS**

TEST REPORT

Technical Report:

(6816)329-0073

December 05, 2016

Date Received:

November 23, 2016

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Factory Company Name:

Fakir Apparels Ltd.

Factory Address:

16/17 A, BSCIC, Industrial Area, Enayetnagar, Fatullah, Narayanganj, Bangladesh.

Client:

H&M

Initiated By

H&M Initiated

Sample Type:

Grab Sample*

Sample Pick Up Date:

November 23, 2016

Test Period:

November 23, 2016 to December 05, 2016

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**

**Bureau Veritas
Consumer Products Services (BD) Ltd.**
Plot#130, DEPZ, Extension Area
Ganakbari, Savar, Dhaka, Bangladesh.
Tel: 88-02-7789464-6,
Fax: 88-02-7789462-3
E-mail : bvcpb.bd@bd.bureauveritas.com

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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
Tested Item(s)	I001	-	-
pH Value	7.9 at 22°C	-	APHA 4500-H ⁺ B:2012 & U. S. EPA 150.2
Total Suspended Solids (TSS)	12	mg/L	APHA 2540 D:2012
Chemical Oxygen Demand (COD)	108	mg/L	APHA 5220 B:2012 & U. S. EPA 410.3
Biochemical Oxygen Demand (BOD ₅)	17	mg/L	APHA 5210 B:2012

BDL: Below Detection Limit, D.L: Detection Limit.

Detection Limit (mg/L): 5 (TSS), 2 (COD), 2 (BOD₅).

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





APPENDIX

H&M

Version: August 2014

Sampling Protocol

1. Basic Data

Supplier Name: Fakir Apparels Ltd
Factory Name: 16/17 A BSCIC Industrial Area, Enayet nagar, Fatullah
Address: 16/17 A BSCIC Industrial Area, Enayet nagar, Fatullah
Production wot process (es): dyeing, printing, washing

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

- Information source of WWTP: Md. Anwarul Islam.
- WWTP Capacity: 125 m³/hr

3. Sampling:

Criteria	Inlet	Outlet
Pictures taken (Yes/No)		YES
Temperature:	'c	26.8 / 30.8
Visual Color:		Amber Color
Name of the Lab:		BY. CPS. bd
Date and time of sampling:		23. 11.16
Date of submitting:		23. 11.16
Sampling equipment provided by:		BY. CPS. bd

Comments:

Observation on ETP Operation:

Md. Rabibur Rahman Name and signature Date 23. 11. 16

END

END