



## Bangladesh Accreditation Board (BAB)

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# Certificate of Accreditation

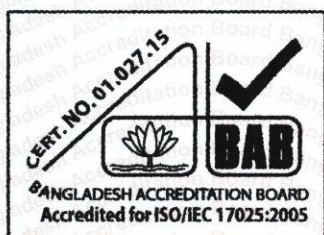
This is to certify that

**Fakir Testing Services Ltd.**

**Plot No: B 501-502, BSCIC Industrial Area, Enayetnagar  
Shashangaon, Fatullah, Narayanganj-1400, Bangladesh**

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This **Testing Laboratory** having met the requirements of **ISO/IEC 17025:2005** and the BAB, is accredited for **Textile Testing** as described in the associated Scope of Accreditation.



**Certificate Number : 01.027.15**

**Issued on : 31 August 2015**

**Accreditation Date : 31 August 2015**

**Valid until : 30 August 2018**

**Director General**

**Bangladesh Accreditation Board (BAB)**

This certificate has been issued under the authority of Bangladesh Accreditation Act, 2006 and must be returned on request; reproduction must follow guidelines in place at date of issue. For the specific scopes to which this accreditation applies, please refer to the directory of accredited CABs at <http://www.bab.org.bd/directory-of-accredited-cabs>



## SCOPE OF ACCREDITATION

(For Testing Laboratory)

**CAB Name & Address:** **Fakir Testing Services Ltd.**

Plot No: B 501-502, BSCIC Industrial Area, Enayetnagar  
 Shashangaon, Fatullah, Narayanganj-1400, Bangladesh

**Accreditation Standard:** ISO/IEC 17025:2005

**Accreditation Date:** 31 August 2015

**Certificate Number:** 01.027.15

**Issued on:** 31 August 2015

**Last Amended on:** -

**Valid until:** 30 August 2018

**Amendment no:** -

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
<b>Field: Chemical Testing</b>				
1	Textile & Textile Auxiliaries	Dimensional stability to washing/ Appearance after washing	ISO 3759:2011, ISO 6330:2012, ISO 5077:2007	-20 to 20%
2	Textile & Textile Auxiliaries	Spirality / twisting	ISO 16322-2:2005 Cor- 1:2007, ISO 16322-3:2005	15%
3	Textile & Textile Auxiliaries	Print durability	In-house Method (FTS-PH-SOP-001)	1 to 5 Grade
4	Textile & Textile Auxiliaries	Colour fastness to washing	ISO 105 C06:2010, ISO 105 C08:2010	1 to 5 Grade
5	Textile & Textile Auxiliaries	Colour fastness to water	ISO 105 E01:2013	1 to 5 Grade
6	Textile & Textile Auxiliaries	Colour fastness to perspiration	ISO 105 E04:2013	1 to 5 Grade
7	Textile & Textile Auxiliaries	Colour fastness to saliva	DIN 53160-1:2010	1 to 5 grade
8	Textile & Textile Auxiliaries	Colour fastness to Phenolic Yellowing	ISO 105- X18:2007	1 to 5 Grade
9	Textile & Textile Auxiliaries	Colour fastness to rubbing	ISO 105- X12:2001	1 to 5 Grade
10	Textile & Textile Auxiliaries	Fibre analysis	ISO 1833:2006 AATCC 20:2013, AATCC 20A:2014	1-100%
11	Textile & Textile Auxiliaries/ Leather	Free & hydrolyzed formaldehyde/ Formaldehyde content/ Released formaldehyde	ISO 14184-1:2011 ISO 14184-2:2011, AATCC 112:2014, JIS L 1041:2011	15-500 mg/kg
12	Textile & Textile Auxiliaries	pH value in aqueous extract/ water extract	ISO 3071:2005 AATCC 81:2012	1 to 14
13	Plastics and Resins, Rubber & Synthetic Rubber, Paints & Surface Coating	Polyvinyl Chloride (PVC) in plastic & coating material	In-house method (SOP No: FTS-AN-SOP-001 (based on Belistain Method- Preliminary Method and FT-IR method -Confirmatory method)	Qualitative

  
 Deputy Quality Manager

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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
14	Metals & Alloys	Screening test for nickel release from alloys & coatings (nickel spot test)	In-house Method (SOP No: FTS-AN-SOP-002) (based on PD CR 12471:2002)	Qualitative
15	Textile & Textile Auxiliaries/ Leather	Hexavalent Chromium (Chromium VI) content in leather	In-house Method (SOP No: FTS-AN-SOP-003) (based on ISO 17075:2007)	0.5-100 mg/kg
<b>Field: Mechanical Testing</b>				
16	Textile & Textile Auxiliaries	Bursting strength –Pneumatic	ISO 13938-2:1999	150 KPa – 500 KPa
17	Textile & Textile Auxiliaries	Pilling Resistance (ICI-Pilling Box)	ISO 12945-1:2000	1 to 5 Grade
18	Textile & Textile Auxiliaries	Pilling resistance (Martindale)	ISO 12945-2:2000	1 to 5 Grade
19	Textile & Textile Auxiliaries	Pilling resistance (Random Tumble)	ASTM D 3512:2010	1 to 5 Grade
20	Textile & Textile Auxiliaries	Mass per Unit Area	ISO 3801:1977, ASTM D 3776/ D 3776 M – 2009a	90 GSM – 300 GSM

\*\*\*END\*\*\*

  
Deputy Quality Manager