

Date: 2011-01-283 Page 1 of 4

No: HT207784

Applicant (BEP001) : Bestko Precision Limited

Unit 303, Block A, Po Lung Centre,

11 Wang Chiu Road, Kowloon, Hong Kong.

Attn.: Thomas Lau

Description of Sample(s) : Five (5) pairs of submitted sample said to be

HYDRAULIC SHOWER HINGE Style No.: TJ012-90°

Style No.: TJ012-90° End Use: Bestko

Country of Destination: Worldwide

Date sample(s) Received : 2010-12-20

**Date Tested** : 2010-12-20 to 2011-01-28

Investigation Requested Selected test(s) as detailed herein.

BISTION BEST OF THE PARTY OF TH

CHENG Chun-yiu, David,
Authorized Signatory
Textile and Materials Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.

SATRA Accredited Laboratory
International Safe Transit Association (ISTA) Certified Laboratory
Members of
Hong Kong Apparel Society Limited
Hong Kong Footwear Association

Approved Laboratory of The Woolwark Company
The Govmark Fire Laboratories Certified Laboratory

Hong Kong Association for Testing, Inspection and Certification Limited Knitwear Innovation and Design Society (KIDS)

#### The Hong Kong Standards and Testing Centre Ltd.

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong
Tel: (852) 2666 1888 Fax: (852) 2664 4353 E-mail: hkstc@hkstc.org Homepage: www.stc-group.org

This report shall not be reproduced unless with prior written approval from The Hong Kong Standards and Testing Centre Ltd .

For Conditions of Issuance of this test report, please refer to the overleaf or Homepage.

Please refer to the original test report as this e-report is for reference only!



Date: 2011-01-28

#### EST RESULT(S):

#### **Cycling Test**

#### Test procedure(s) refers to EN1154:1997:

- The hinge with 800mm (width) x 2430mm (height) x 10mm (thickness) and 45kg total mass of tempered glass door were install in test frame that constructed of 6mm wall, 51mm x 102mm steel tubing.
- 2. The tempered glass door was swing from 0° (closed) to 90° (open) and back to 0°.
- 3. Inspect the hinges every specific cycle and record the closing time, closing moment and maximum open moment.

Test Cycle	Test Item	Test direction	Submitted requirement	Comment
	artiko artiko	<u>Clockwise</u> <u>Anti-clockwise</u>		
Initial	Closing time(s)	5.6	Sample shall be no oil	Pass
8	Closing moment(Nm)	6.0 5.6	leakage and operated	of n
⊗	Maximum open moment(Nm)	8.5	smoothly after 100,000	⊚
TIO	Observation	No oil leakage was observed and	cycles plus 30% additional	O
5	45	it could be operated smoothly.	test cycles as customer's	a E
5,000	Closing time(s)	5.0 5.2	request.	dr.p.
<b>⊗</b>	Closing moment(Nm)	4.3 4.4		®
120	Maximum open moment(Nm)	7.8.0	0 10	0
5	Observation	No oil leakage was observed and	451	TO CO
Q 3	De Orbe	it could be operated smoothly.	Or Br Or Br	OrBr
100,000	Closing time(s)	5.3 5.2	<i>a.</i>	Q.
10	Closing moment(Nm)	4.2 4.3	10	Ö
The	Maximum open moment(Nm)	7.6	STILL	
(U)	Observation	No oil leakage was observed and	WBE WBE	WBE
D	T T	it could be operated smoothly.	T T	T
130,000	Observation	No oil leakage was observed and		
	CTIVE CTIVE	it could be operated smoothly.		
	5,000 (M)	Initial Closing time(s) Closing moment(Nm) Maximum open moment(Nm) Observation  5,000 Closing time(s) Closing moment(Nm) Maximum open moment(Nm) Observation  100,000 Closing time(s) Closing moment(Nm) Maximum open moment(Nm) Maximum open moment(Nm) Observation	Initial Closing time(s) 5.6 5.7  Closing moment(Nm) 6.0 5.6  Maximum open moment(Nm) 8.5  Observation No oil leakage was observed and it could be operated smoothly.  5,000 Closing time(s) 5.0 5.2  Closing moment(Nm) 4.3 4.4  Maximum open moment(Nm) 7.8  Observation No oil leakage was observed and it could be operated smoothly.  100,000 Closing time(s) 5.3 5.2  Closing moment(Nm) 4.2 4.3  Maximum open moment(Nm) 7.6  Observation No oil leakage was observed and it could be operated smoothly.	Clockwise   Anti-clockwise

- 1) The submitted sample consist of self closing function at 74° when testing.
  2) The test result relate only to the sample tested.

#### The Hong Kong Standards and Testing Centre Ltd.

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong Tel: (852) 2666 1888 Fax: (852) 2664 4353 E-mail: hkstc@hkstc.org Homepage: www.stc-group.org

This report shall not be reproduced unless with prior written approval from The Hong Kong Standards and Testing Centre Ltd . For Conditions of Issuance of this test report, please refer to the overleaf or Homepage.



Date: 2011-01-28

& BESTE

& BESTKO

Q BESTRO

& BESTE

G BESTRO

W.BESTIKO

W.BESTIKO

H.BRSTKO

H.BESTKO

H.BESTKO

BESTRO

H.BESTIKO

H.BESTIKO

## SAMPLE PHOTOGRAPH (S):

Test Set up Photograph:

& BESTKO

& BESTIVE

& BESTIVE

& BESTIVE

& BESTIVE

& BRSTKO

W.BESTKO



#### The Hong Kong Standards and Testing Centre Ltd.

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong

Tel: (852) 2666 1888 Fax: (852) 2664 4353 E-mail: hkstc@hkstc.org Homepage: www.stc-group.org

Please refer to the original test report as this e-report is for reference only!



Date: 2011-01-28

& BESTE

& BESTE

& BESTIAN

W.BRSTIVE

& BESTIVE

G BERTI

No: HT207784

& BESTRO

& BESTE

& BESTRO

W.BESTIKO

W.BRSTKO

H.BRSTKO

H.BESTKO

H.BESTKO

H.BESTKO

HBESTIAO

W.BESTKO

### SAMPLE PHOTOGRAPH (S):

Sample: # TJ012-90° (Before test)



W.BESTKO

W.BESTKO



& BESTE & BESTE

& BESTIA

& BESTE

& BESTIA & BESTIA & BESTE & BESTE

& BESTE & BESTE

W.BESTIAO W.BESTKO

& BESTIAO & BESTE

W.BESTIAO

W.BESTKO W.BESTIKO

& BESTE

The Hong Kong Standards and Testing Centre Ltd.

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong Tel: (852) 2666 1888 Fax: (852) 2664 4353 E-mail: hkstc@hkstc.org Homepage: www.stc-group.org

Please refer to the original test report as this e-report is for reference only!