



STC Test Report

Date: 2009-07-15

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No: HT194918

Applicant (BEP001)

: Bestko Precision Limited
Unit 303, Block A, Po Lung Centre,
11 Wang Chiu Road, Kowloon Bay, Hong Kong.

Attn.: Thomas Lau

Description of Sample(s)

: One (1) group of submitted sample said to be
304 STAINLESS STEEL SHOWER HINGE
Style No.: BK012-90°
End Use: Bestko
Country of Destination: Global

Date sample(s) Received

: 2009-06-26

Date Tested

: 2009-06-26 to 2009-07-08

Investigation Requested

: Selected test(s) as detailed herein.

Conclusion(s)

: The submitted sample complied with the requirement of
appearance according to BS EN1670:2007.



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 Woolmark 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.

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TEST RESULT(S):

Corrosion tests in artificial atmospheres—Salt spray tests

Ref. to BS EN1670:2007 and ISO 9227 : 2006

The submitted samples were inspected visually before the test and then put into the salt spray chamber. After 24, 48 and 96 hours of spraying, the samples were taken out and inspected visually.

- Scope : To assess the corrosion resistance of metallic materials with or without permanent corrosion protection or temporary corrosion protection.
- Type of test adopted : Neutral salt spray test (NSS) – Particularly use for detecting discontinuities such as pores and other defect in certain metallic, anodic oxide and conversion coatings.
- No. of specimens : 1 piece of sample was selected for testing.
Remaining piece was keeping as control sample.
- NaCl solution : Concentration in 50 gram sodium chloride dissolve in a litre distilled water.
- pH value in chamber 25°C : 6.5 to 7.2
- Spraying : At an absolute pressure of 150 kPa
- Arrangement angel : At 15-30° from the vertical
- Test machine : Salt Spray Tester
- Chamber temperature : 35±2°C
- Test duration : 24, 48 & 96 hours (As per client requirement)
- Volume of collected solution : 1-2ml per hour. The density is 1.0255-1.0400 at 25°C
- Test results : Observation was (were) shown in following table :

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TEST RESULT(S):

Appearance acceptance condition	Observation
i) Surface should show no sign of tarnish as blackening or adverse discolouration of the surface	24 Hours - Not observed on Appearance acceptance condition i), ii) and iii).
ii) No more than an average of one rust spot per 650mm ² of significant surface and without any spots larger than 1.5mm in any direction should be found	48 Hours - Not observed on Appearance acceptance condition i), ii) and iii)
iii) Degree of blistering of surfaces should not be greater than density 2 and the size of any blisters should not exceed size 3 according to EN ISO 4628-2	96 Hours - Not observed on Appearance acceptance condition i), ii) and iii)

Remark(s):

Rating scheme quoted from EN ISO 4628-2:2003

Rating	Quantity of defect
0	None, i.e. no detectable defects
1	Very few, i.e. small, barely significant number of defects
2	Few, i.e. small but significant number of defects
3	Moderate number of defects
4	Considerable number of defects
5	Dense pattern of defects

Rating	Size of defect
0	Not visible under x 10 magnification
1	Only visible under magnification up to x 10
2	Just visible with normal corrected vision
3	Clearly visible with normal corrected vision (up to 0.5mm)
4	0.5mm to 5mm
5	Larger than 5mm

The size of the defect shall be reported using the designation Sn where S indicated the size and n is the rating number.

***** End of Test Report *****

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(Attachment)

2009/07/15



Front view



Side view

The Hong Kong Standards and Testing Centre Ltd.

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