



## Test Report

**Date:** 2019-07-19  
**No:** HT19060191

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**Applicant** : Bestko Precision Limited  
Unit 520, Metro Centre 2,  
21 Lam Hing Street,  
Kowloon Bay, Hong Kong  
Attn.: Thomas Lau

**Description of Sample(s)** : Two (2) pieces of submitted shower hinge sample said to be  
304 Stainless Steel Shower Hinge  
Style: AT4011A  
Country of origin: China

**Date Sample(s) Received** : 2019-06-21

**Date Tested** : 2019-06-21 to 2019-07-15

**Investigation Requested** : Selected test(s) as detailed herein.

**Conclusion(s)** : The submitted sample complied with the requirement of  
appearance according to grade 3 of BS EN1670:2007.



CHENG Chun-yiu, David  
Authorized Signatory

Note: When a statement of conformity to a specification or standard is provided, the IAC-G8 Guidance document (and/or IEC Guide 115 in the electrotechnical sector) will be adopted as a decision rule for the determination of conformity unless it is inherent in the requested specification or standard, or otherwise specified in the Report.

International Safe Transit Association (ISTA) Certified Laboratory  
Members of  
Hong Kong Apparel Society Limited  
Hong Kong Footwear Association  
International Association of Wool Textile Laboratories (Interwoollabs)

Approved Laboratory of Australian Wool Innovation Limited (AWI)  
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 Limited

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### TEST RESULT(S):

#### Corrosion tests in artificial atmospheres – neutral salt spray test (NSS)

Method Used: BS EN 1670: 2007 and ISO 9227:2017

(The submitted samples were inspected visually before the test and then put into the salt spray chamber. The samples were taken out and inspected visually after 96 hours of spraying.)

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 sample was selected for test. Remaining piece was kept as control sample.
NaCl Solution	Concentration in 50 gram sodium chloride dissolve in a litre distilled water.
pH Value in chamber at 25°C	6.5
Spraying	At an absolute pressure of 5 Psi
Arrangement Angle	At 15-30° from the vertical.
Test Machine	Salt Spray Tester.
Chamber Temperature	35°C.
Test Duration	96 hours (As per client requirement)
Test results	Observation was (were) shown in following table :

Appearance acceptance condition	Observation
i) Surface should show no sign of tarnish as blackening or adverse discolouration of the surface	96 Hours - the specimen fulfill appearance acceptance condition i), ii) and iii)
ii) No more than an average of one rust spot per 650mm <sup>2</sup> of significant surface and without any spots larger than 1.5mm in any direction should be found	
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	

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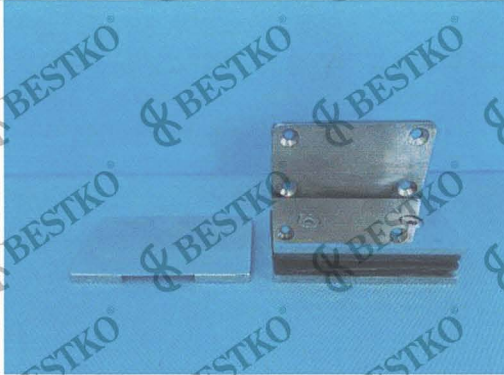
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### Appendix Photo(s):

Before test



After test



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

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