CONSUMER PRODUCTS SERVICES DIVISION

Technical Report: **(6626)258-1313 Revised** SEP.24, 2026
This report is amendment of and supersedes the previous (6626)258-1313 dated SEP.24, 2026
Date Received: SEP.15, 2026
Mod. Date: /
Date Revised: OCT.15, 2026

CAI PING
FANXIN HARDWARE CO., LTD
#1 BUILDING 13, XINZONG JIAOWAN INDUSTRIAL PARK, QIAOXIA TOWN, WENZHOU, CHINA

Sample Description:	ZINC ALLOY HARDWARE HANDLE WITH BRUSHED NICKEL ELECTROPLATED FINISH, MODEL 80347, HOLE CENTRES 128 mm		
Manufacturer:	FANXIN HARDWARE CO., LTD	Model/Style:	80347
Buyer:	N/A	PO NO.:	N/A
Country of Origin:	CHINA	Country of Destination:	UNITED STATES
Color:	BRUSHED NICKEL / ELECTROPLATED	SKU#:	N/A
Sample Quantity	6 PIECES	Others:	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	Conclusion	Remark
Corrosion Test (Modified salt spray test using 1% NaCl,120 hours)	DATA	-
ISO 2409-2020 Paints and varnishes — Cross-cut test	DATA	-

Remark:

1. The client specified the test components and test methods

Revised details: 1. Update the Sample Description
2. Update the Corrosion Test (Modified salt spray test using 1% NaCl,120 hours) of Executive Summary
3. Update the ISO 2409-2020 Paints and varnishes — Cross-cut test remark

Bureau Veritas
Consumer Products Services Division
(Shanghai) No. 168, Guanghua Road,
Zhuanqiao Town, Minhang, Shanghai
China, 201108
Tel.:86-21-24081888 Fax:86-21-64890042
Email: bvcps_sh-_info@cn.bureauveritas.com
Http:www. bureauveritas.com/cps

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

TELEPHONE NO 86-21-24166888
E-MAIL: bvcpshltoy.sh@cn.bureauveritas.com

BUREAU VERITAS
CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)
Laboratory Test location:
No. 368, Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai.
No. 168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai.



Hyde Bao
PRODUCT LINE MANAGER(HARDLINE DIVISION)

ISO 9227:2022, (Modified salt spray test using NaCl 10 g/L)

Modified salt spray test:

Testing condition requirements:
(1) Sodium chloride (NaCl) solution concentration = 10 g/L
(2) pH = 6.5 - 7.2
(3) Chamber temperature = 33 - 37°C

Selected testing exposure period: 120 hours

CORROSION DEFECT EVALUATION:

1. As requested by the client, only corrosion defects rating was given and the rating was evaluated with reference to EN ISO 10289:2001 – Method for corrosion testing of metallic and other inorganic coating on metallic substrates – Rating of test specimens and manufactured articles subjected to corrosion tests.

Evaluation rating result:

Material as claimed by the client	Result of rating	
	R_P	R_A
ZINC ALLOY HARDWARE HANDLE WITH BRUSHED NICKEL ELECTROPLATED FINISH, MODEL 80347, HOLE CENTRES 128 mm	10	10
Conclusion	DATA	DATA

R_P: Protection rating – ability of the coating to protect the basis metal from corrosion
R_A: Appearance rating – overall appearance of the specimen.

Remark:
1. Reference table for rating:

Protection (R_P) and Appearance (R_A) ratings

Area of defects A (%)	**Rating** (R_P or R_A)
No defects	10
0<A≤0.1	9
0.1<A≤0.25	8
0.25<A≤0.5	7
0.5<A≤1.0	6
1.0<A≤2.5	5
2.5<A≤5	4
5<A≤10	3
10<A≤25	2
25<A≤50	1
50<A	0

2. Classification of types coating deterioration:

A	Staining and/or colour change due to deterioration of the coating (other than that of obvious basis metal corrosion products)
B	Dulling with little or no visible corrosion of coating
C	Corrosion products from anodic coatings
D	Corrosion products from cathodic coatings
E	Surface pitting (corrosion pits probably not extending through to the basis metal)
F	Flaking, peeling, spalling
G	Blistering
H	Cracking
I	Crazing
J	Crow's feet or star-shaped defects

3. The subjective assessment of the degree of deterioration:

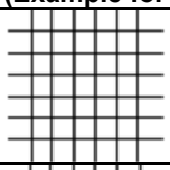
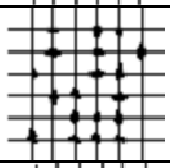
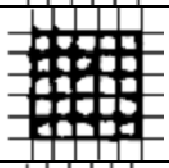
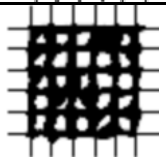
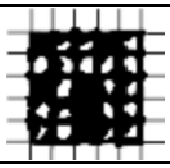
vs = very slight amount
s = slight amount
m = moderate amount
x = excessive amount

ISO 2409-2020 Paints and varnishes — Cross-cut test

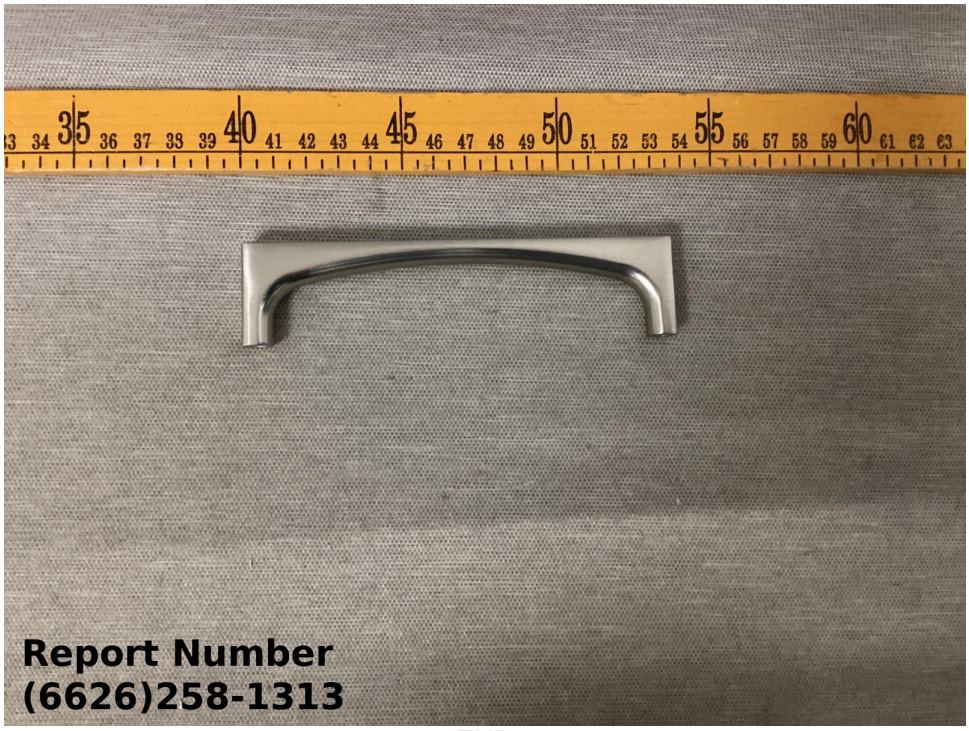
Tested Sample	Classification of Test Results	Conclusion
ZINC ALLOY HARDWARE HANDLE WITH BRUSHED NICKEL ELECTROPLATED FINISH, MODEL 80347, HOLE CENTRES 128 mm	Class 0	DATA

Abbreviation: P=Pass NA=Not Applicable NC=Not Conducted F=Fail

Remark:

Classification	Description	Appearance of surface of crosscut area from which flaking has occurred (Example for six parallel cuts)
0	The edges of the cuts are completely smooth; none of the squares of the lattice is detached.	
1	Detachment of small flakes of the coating at the intersections of the cuts. A cross-cut area not greater than 5 % is affected.	
2	The coating has flaked along the edges and/or at the intersections of the cuts. A cross-cut area greater than 5 %, but not greater than 15 %, is affected.	
3	The coating has flaked along the edges of the cuts partly or wholly in large ribbons, and/or it has flaked partly or wholly on different parts of the squares. A cross-cut area greater than 15 %, but not greater than 35 %, is affected.	
4	The coating has flaked along the edges of the cuts in large ribbons and/or some squares have detached partly or wholly. A cross-cut area greater than 35 %, but not greater than 65 %, is affected.	
5	Any degree of flaking that cannot even be classified by classification 4.	-

EXHIBIT



END