

No.: SHIN1405021658MR

Date: Jun 04, 2014

Page: 1 of 5

CUSTOMER NAME: WORLDWIDE DOOR COMPONENTS,INC.
ADDRESS: 5017 N. COOLIDGE AVE,TAMPA,FL 33614

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : HINGE

SGS Ref. No. : SHIN1405021482PS

Product Specification : 3.5"×3.5"×2.2mm US15 Satin Nickel

Product or Lot No. : 10-2010-15

Date of Receipt : May 29, 2014

Testing Start Date : May 29, 2014

Testing End Date : Jun 04, 2014

Test result(s) : For further details, please refer to the following page(s)

Signed for

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

eranVan

Keran Wang

Authorized signatory



No.: SHIN1405021658MR

Date: Jun 04, 2014

Page: 2 of 5

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Neutral Salt Spray Test	ASTM B117-11 & ASTM D610-08(R2012)	9-P	/

Note: Pass : Meet the requirements;

Fail: Does not meet the requirements;

/: Not Apply to the judgment.



No.: SHIN1405021658MR

Date: Jun 04, 2014

Page: 3 of 5

Test Item: Neutral Salt Spray Test Sample Description: Metal part

Test Method: ASTM B117-11 & ASTM D610-08(R2012)

Test Condition:

Concentration of solution collected: (5±1)% NaCl(m/m)

Chamber temperature: (35±2)°C

Volume of salt solution collected: (1.0~2.0)ml/(80cm²·h)

pH of collected solution at 25°C: 6.5~7.2

Exposure period: 24h

Test Result:

Sample	Rust grade (See note)	
1	9-P	

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No.: SHIN1405021658MR

Date: Jun 04, 2014

Page: 4 of 5

Note: Rust grade refers to ASTM D610-08(R2012). Rust rating using rust grade of 0-10 followed by the type of rust distribution identified by S for Spot, G for General, P for Pinpoint or H for Hybrid, as follows:

Percent of surface rusted, A (%)	Rust Grade
A≤0.01	10
0.01 <a≤0.03< td=""><td>9</td></a≤0.03<>	9
0.03 <a≤0.1< td=""><td>8</td></a≤0.1<>	8
0.1 <a≤0.3< td=""><td>7</td></a≤0.3<>	7
0.3 <a≤1.0< td=""><td>6</td></a≤1.0<>	6
1.0 <a≤3.0< td=""><td>5</td></a≤3.0<>	5
3.0 <a≤10.0< td=""><td>4</td></a≤10.0<>	4
10.0 <a≤16.0< td=""><td>3</td></a≤16.0<>	3
16.0 <a≤33.0< td=""><td>2</td></a≤33.0<>	2
33.0 <a≤50.0< td=""><td>1</td></a≤50.0<>	1
50 <a< td=""><td>0</td></a<>	0

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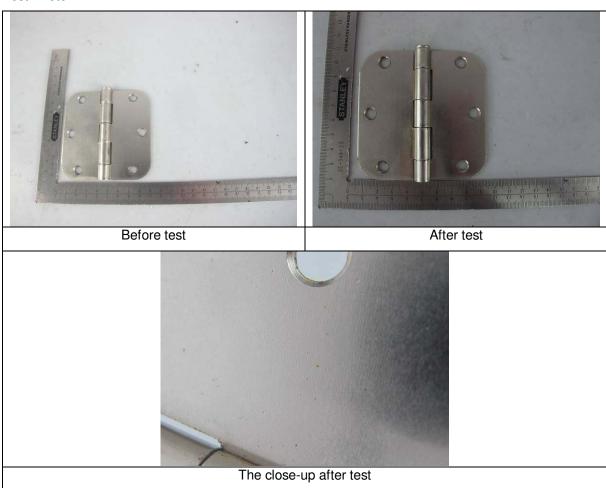


No.: SHIN1405021658MR

Date: Jun 04, 2014

Page: 5 of 5

Test Photo:



****** End of report******