

No. SDHL1601000497FT-01

Date: Jun.30, 2016

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

Sample Description

: SUS304 STAINLESS STEEL CONCEALED HINGE

SGS Ref. No.

: GZIN1601004416MR

Style / Item No.

: S30*96

Sample Receiving Date

: Jan.28, 2016

Test Performing Date

: Jan.28, 2016 to Feb.23, 2016

Test Result Summary

Test(s) Requested	Result(s)	Comments
Acetic Acid Salt Spray (AASS) Test - ISO 9227:2012	Refer to the following page(s)	1
For further details, please refer to the following page(s)	1.0.7	



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Summary of Results:

No.	Test Item	Test Method	Result		Conclusion
1	Acetic Acid Salt Spray (AASS) Test	ISO 9227:2012	Exposure period	Appearance rating	,
			48h	9	
			72h	9	
			96h	9	
			500h	9	

Note:

Pass: Meet the requirements;

Fail: Does not meet the requirements;

/: Not Apply to the judgment.

Original Sample Photo:





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Test Item: Acetic Acid Salt Spray (AASS) Test Sample Description: Metal product

Test Method: ISO 9227:2012

Test Condition:

Concentration of solution collected: (50±5) g/L NaCl

Chamber temperature: (35±2)℃

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

pH of collected solution at (25±2) °C: 3.1~3.3

Exposure period: 500h

Test Result:

Sample	Exposure period	Appearance rating				
		#1	#2	#3	General leve	
1	48h	9	9	9	9	
	72h	9	9	9	9	
	9 6 h	9	9	9	9	
	500h	9	9	9	9	

Note:

1. Appearance rating refers to EN ISO 10289:2001, as follows:

Area of defects, A (%)	Appearance rating	
0(No defects)	10	
0 <a≤0.1< td=""><td>9</td></a≤0.1<>	9	
0.1 <a≤0.25< td=""><td>8</td></a≤0.25<>	8	
0.25 <a≤0.5< td=""><td>7</td></a≤0.5<>	7	
0.5 <a≤1.0< td=""><td>6</td></a≤1.0<>	6	
1.0 <a≤2.5< td=""><td>5</td></a≤2.5<>	5	
2.5 <a≤5.0< td=""><td>4</td></a≤5.0<>	4	
5.0 <a≤10< td=""><td>3</td></a≤10<>	3	
10 <a≤25< td=""><td>2</td></a≤25<>	2	
25 <a≤50< td=""><td>1</td></a≤50<>	1	
50 <a< td=""><td>0</td></a<>	0	



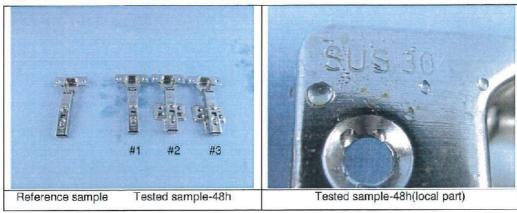
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2. Intermediate inspection was carried out immediately without any treatment and the grade is only for client's reference.

Photo Appendix:



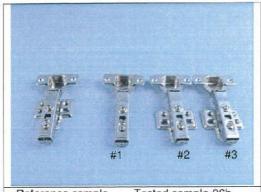


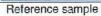


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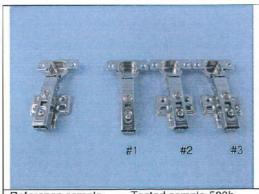




Tested sample-96h



Tested sample-96h(local part)



Reference sample

Tested sample-500h



Tested sample-500h(local part)

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Salt Spray Chamber	TG-2100-M	GZMR-AG-E123	2015-08-11	2016-08-10