

TEST REPORT

No. : GZIN1907036392MR

Date : Jul 19, 2019

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CUSTOMER NAME: FOSHAN SHUNDE SHAREFREE HARDWARE INDUSTRIAL CO., LTD.
ADDRESS: NO.3, ROAD NO.3, DONGFENG ZHUANYAO AVENUE, LELIU TOWN,
SHUNDE, FOSHAN, GUANGDONG, CHINA

Sample Name : SWIVEL PLATE

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : CP19-037183

Date of Receipt : Jul 12, 2019

Testing Start Date : Jul 12, 2019

Testing End Date : Jul 19, 2019

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. GZ Branch Testing
Center



Winnie Tan
Authorized signatory



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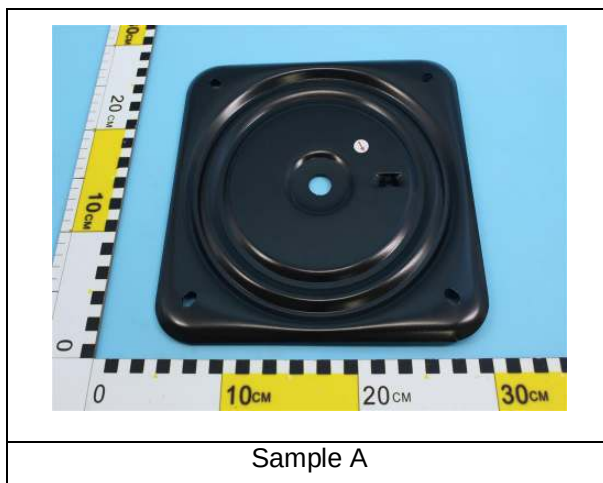
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Resistance to Salt Spray	EN 13523-8: 2017 & ASTM D3359-17 Method A	See results	Pass

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: Resistance to Salt Spray

Sample Description: Metal part with coating

Test Method: EN 13523-8: 2017 & ASTM D3359-17 Method A

Test Condition:

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

Chamber temperature: (35±2)°C

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

pH of collected solution at (25±2)°C: 6.5~7.2

Exposure period: 25h

X-Cut tape test after neutral salt spray test:

Tape: Elcometer 99

Test Result:

Sample	Appearance rating (See note 1)	Adhesion scale (See note 2)	Client's requirement	Conclusion
A	8	5A	Appearance rating ≥ 8	Pass



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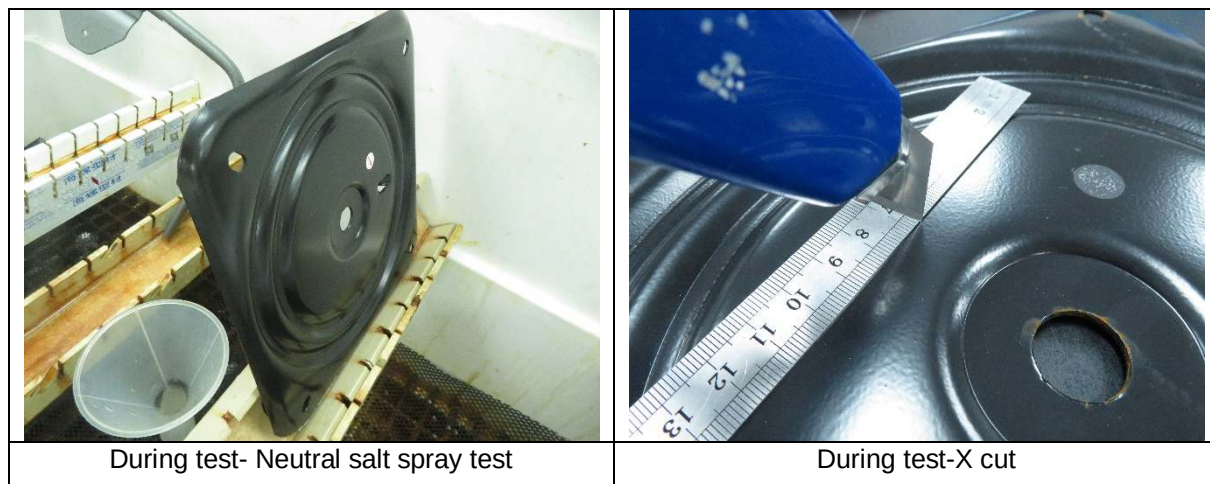
Note:

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

Area of defects, A (%)	Appearance rating
0(No defects)	10
$0 < A \leq 0.1$	9
$0.1 < A \leq 0.25$	8
$0.25 < A \leq 0.5$	7
$0.5 < A \leq 1.0$	6
$1.0 < A \leq 2.5$	5
$2.5 < A \leq 5.0$	4
$5.0 < A \leq 10$	3
$10 < A \leq 25$	2
$25 < A \leq 50$	1
$50 < A$	0

2. According to ASTM D3359-17 Method A, 5A is the best and 0A is the worst.

Test Photo:



During test- Neutral salt spray test

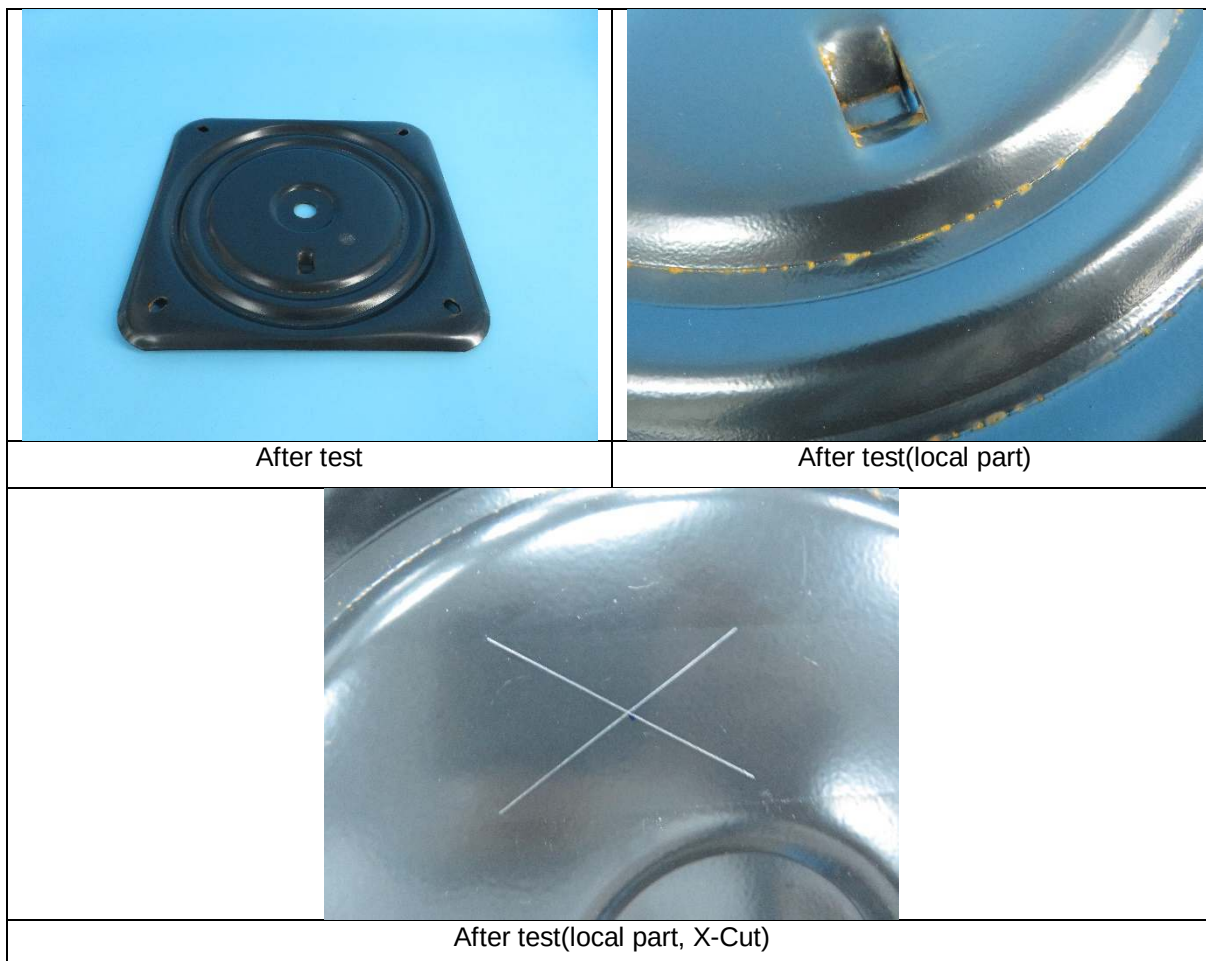
During test-X cut

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After test

After test(local part)

After test(local part, X-Cut)

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Cyclic Corrosion Tester	BCX3000	GZMR-AG-E054	2018-09-18	2019-09-17

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



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