



## TEST REPORT

No. : XMML120501430

Date : May 04, 2012

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XIAMEN GRACE SOLAR TECHNOLOGY CO., LTD.  
NO. E, GAOQI INDUSTRIAL PARK, HULI DISTRICT, XIAMEN, CHINA

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

Sample Name : GR RAIL ; STAINLESS STEEL HOOK  
Test Method : Selected test(s) as requested by applicant  
Date of Receipt : Apr 28, 2012  
Test Period : Apr 28, 2012 to May 02, 2012  
Test result(s) : For further details, please refer to the following page(s)

\*\*\*\*\* To be continued\*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Ltd.

Evan Zhang  
Technical Engineer

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**XMML 036157**

SGS-CSTC Standards Technical Services Co., Ltd.  
Xiamen Branch Materials Laboratory

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### Test Information:

Sample description: Metal product

Test item: Salt spray test (NSS)

Test method: ISO 9227:2006

Test conditions:

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

Chamber temperature: (35±2) °C

Volume of salt solution collected: (1.0~2.0) ml/(80cm<sup>2</sup>·h)

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

Test result(s):

Sample No.	Exposure period (h)	Defects description	Area of defects A (%)	Appearance rating
1#	96	Red rust, black rust	2.5<A≤5.0	4
2#	96	No defects	No defects	10

Note: Appearance rating refers to EN ISO 10289-2001, as follows:

Area of defects A (%)	Rating
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≤5.0	4
5.0<A≤10	3
10<A≤25	2
25<A≤50	1
50<A	0

\*\*\*\*\*To be continued\*\*\*\*\*

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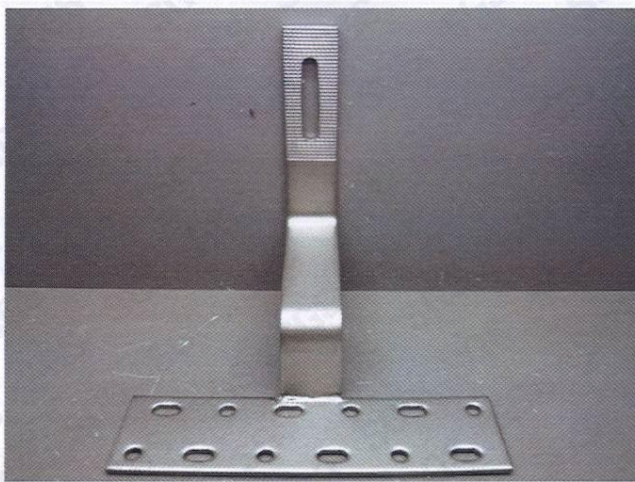
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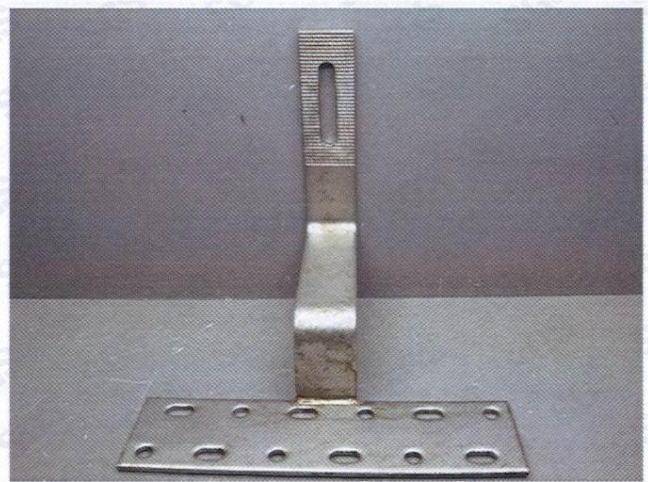
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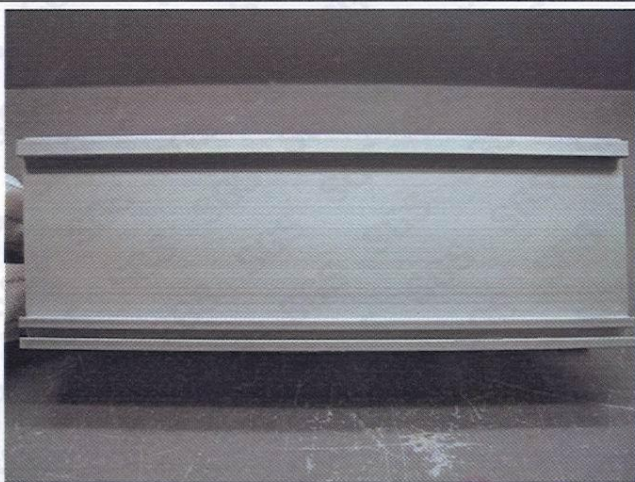
### Test photos:



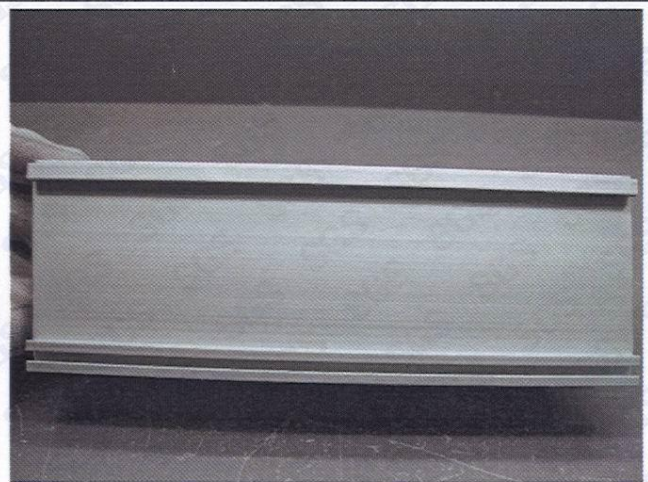
Sample 1# before test



Sample 1# after 96 hours test



Sample 2# before test



Sample 2# after 96 hours test

SGS authenticate the photo on original report only

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

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