

TEST REPORT

No. : XMIN1804002487ML

Date : Apr 27, 2018

Page: 1 of 6

CUSTOMER NAME: XIAMEN KSENG METAL TECH. CO., LTD
ADDRESS: RM 302, HUIXIN WEALTH CENTRE, NO.891, FANGHU NORTH 2ND
RD, HULI DIST, XIAMEN, CHINA

Sample Name : SOLAR MOUNTING SYSTEM

Material and Mark : AL6005-T5

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.

Date of Receipt : May 11, 2017

Testing Start Date : May 11, 2017

Testing End Date : May 17, 2017

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 Xiamen Branch
Testing Center

Hank Li

Authorized signatory



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TEST REPORT

No. : XMIN1804002487ML

Date : Apr 27, 2018

Page: 2 of 6

Pull test:

Test method: according to the client's requirement, fixed the sample on the test machine, the M8 bolts fasten by 12N.m torque, the M10 bolts fasten by 24N.m torque. Loading the force as a speed of 3mm/min till destroyed. Record the maximum force and the displacement under maximum force.

Test result:

No.	Sample name	Maximum force (kN)	Displacement under maximum force (mm)	Destroyed location
1#	End clamp	7.09	10.29	See photo3 and photo 4
2#	Middle clamp	6.89	7.93	See photo7 and photo 8
3#	Beam 1	10.46	9.18	See photo11
4#	Beam 2	9.52	11.19	See photo14

Note: This test report is an English version of test report No.: XMIN1705003007ML dated: May 26, 2017 issued by SGS, this report is for reference only.

Test photo:



Photo 1: End clamp



Photo 2: During the test

TEST REPORT

No. : XMIN1804002487ML

Date : Apr 27, 2018

Page: 3 of 6

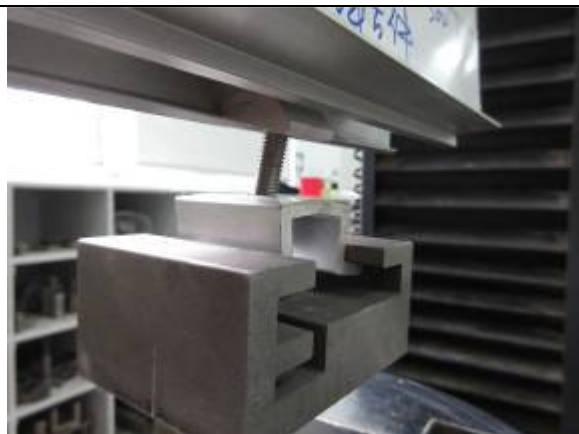


Photo 3



Photo 4



Photo 5: Middle clamp

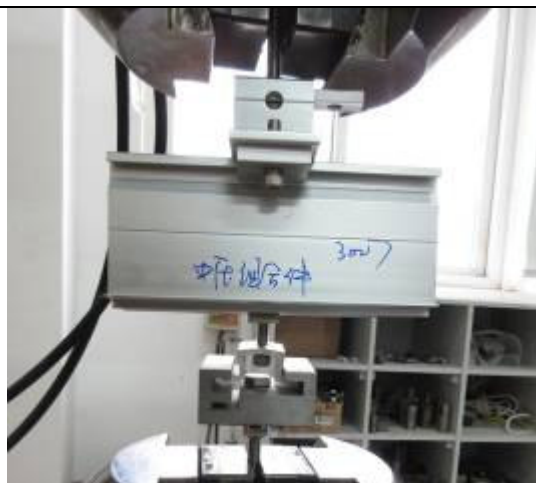


Photo 6: During the test

TEST REPORT

No. : XMIN1804002487ML

Date : Apr 27, 2018

Page: 4 of 6



Photo 7

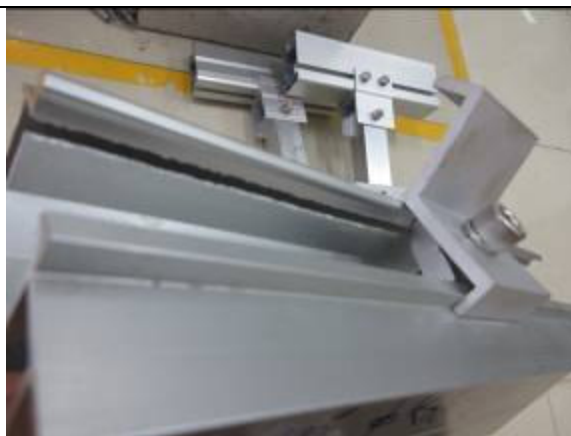


Photo 8



Photo 9: Beam 1



Photo 10: during the test

TEST REPORT

No. : XMIN1804002487ML

Date : Apr 27, 2018

Page: 5 of 6



Photo 11



Photo 12: Beam 2



Photo 13: during the test



Photo 14

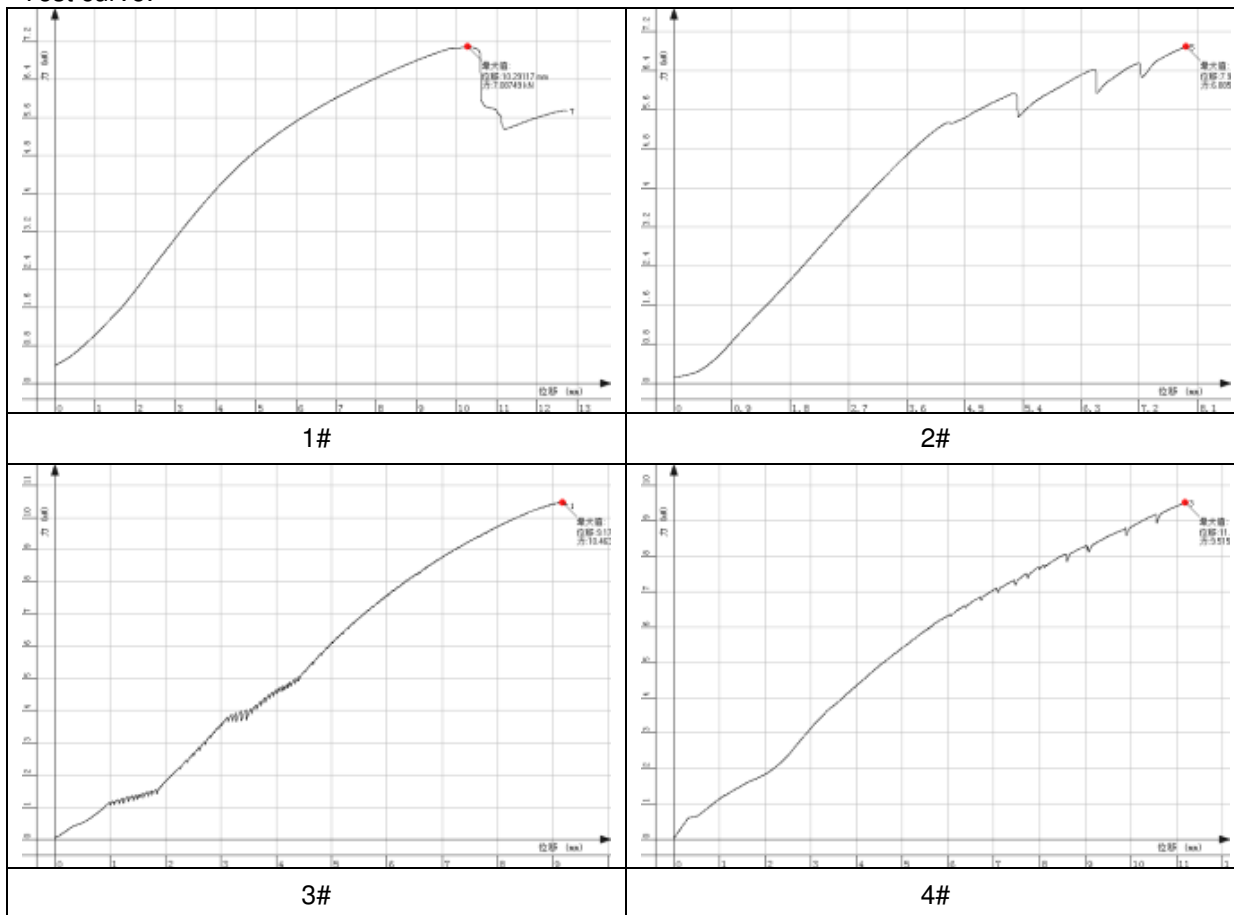
TEST REPORT

No. : XMIN1804002487ML

Date : Apr 27, 2018

Page: 6 of 6

Test curve:



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



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