

TEST REPORT

No. : SHIN170100033CCM

Date : Jan. 16, 2017

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CUSTOMER NAME: SUZHOU TECON CONSTRUCTION TECHNOLOGY CO., LTD.
ADDRESS: ROOM 1108-1109, BLOCK A, BUILDING 2, LEFO COMMERCIAL CENTER, WUZHONG DISTRICT, SUZHOU

Sample Name : ACROW PROP ACW03
Product specification : ACW03, Outer tube 60.3*3.5mm; Inner tube 48.3*4mm; 2180~3940
Material and Mark : Inner tube Q345, Outer tube Q235

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.

Test Required : Working load capacity
Test Method : With reference to AS 3610-1995 and client's requirement
Date of Receipt : Jan. 03, 2017
Testing Start Date : Jan. 03, 2017
Testing End Date : Jan. 12, 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 (Shanghai) Co., Ltd.

Joyce Li
Authorized signatory

Joyce Li 09
Authorized signatory

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Testing Center

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Test item: Working load capacity

Test method: With reference to AS 3610-1995 and client's requirement

Test condition:

Specimen: 1pc

Inner tube: $\Phi 48.3\text{mm} \times 4.0\text{mm}$ (wall thickness)

Outer tube: $\Phi 60.3\text{mm} \times 3.5\text{mm}$ (wall thickness)

Adjustable height: 2180mm~3940mm

Test result:

Test item	Test height (mm)	WLL(working load limit, KN)	Test load (KN) =1.5WLL	Test result
Working load capacity	2200	35.8	53.7	No structure failure
	2600	23.2	34.8	No structure failure
	3000	15.6	23.4	No structure failure
	3400	10.8	16.2	No structure failure
	3600	9.8	14.7	No structure failure
	3900	8.0	12.0	No structure failure

Note:

1. The test height and WLL were specified by client.
2. Test load=S×WLL
S-Safety factor, S=1.5(offered by client).

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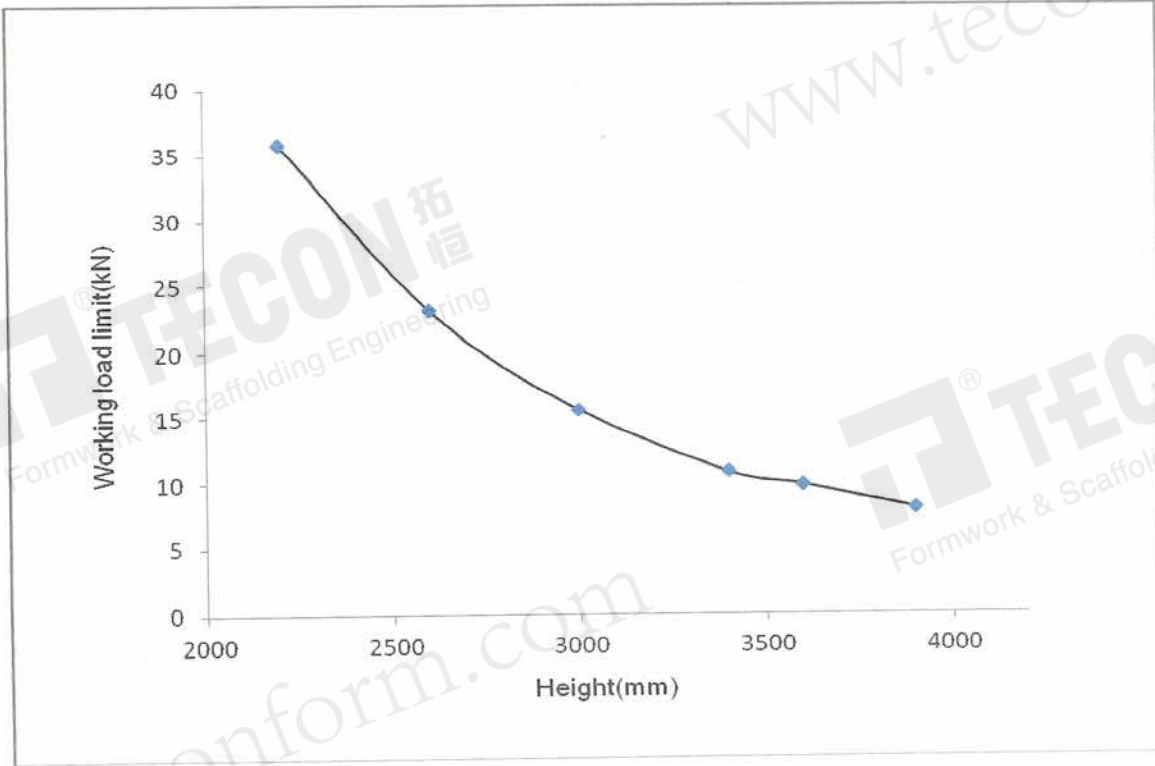
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The curve of working load limit and height:



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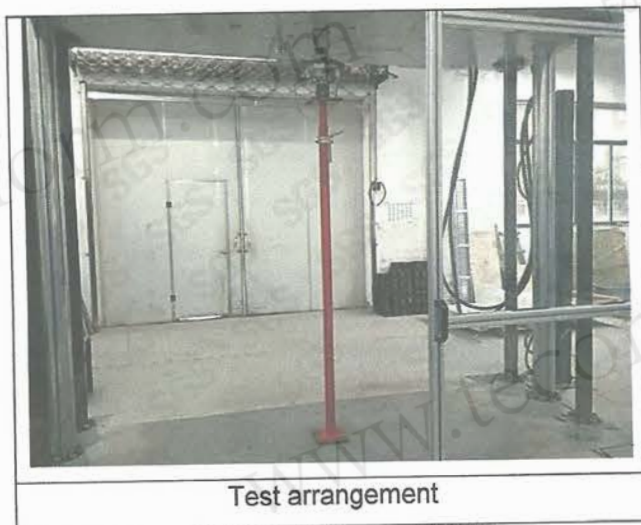
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Original sample photo:



Test photo:



Test arrangement

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

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