

## 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  
 Inspection & Testing Services

Joyce Li 09  
 Authorized signatory

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SHCCM 024020

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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:

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

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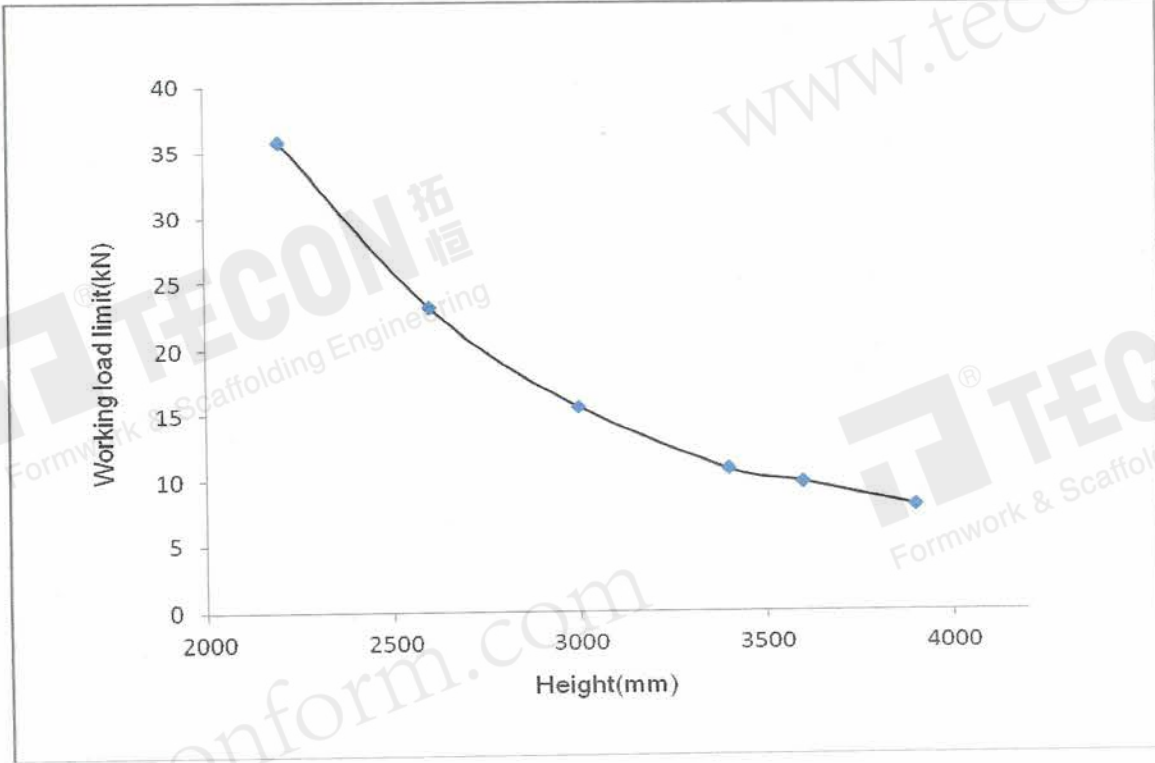
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The curve of working load limit and height:



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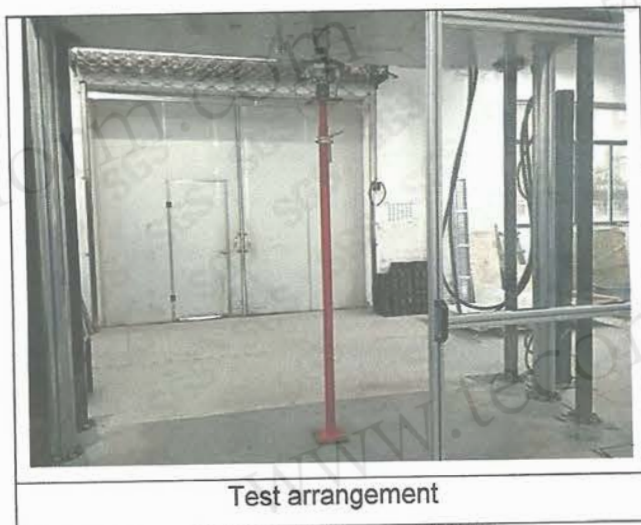
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Original sample photo:



Test photo:



Test arrangement

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

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**TECON** 拓恒  
Formwork & Scaffolding Engineering

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