

TEST REPORT

No. : SHIN180300908CCM

Date : Apr. 02, 2018

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CUSTOMER NAME: KSARA CONSTRUCTION
ADDRESS: 2712 163A ST, SURREY, B. C. V3S 6R8

Sample Name : HEAVY DUTY PROP TEP-D 30
Product specification : Outer tube 76.1*2.6; Inner tube 63.5*2.6; adjustable range 1710-3000
Material and Mark : Outer tube Q235; Inner tube Q345

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 : Failure load
Test Method : With reference to EN 1065:1998 and client's requirement
Date of Receipt : Mar. 22, 2018
Testing Start Date : Mar. 22, 2018
Testing End Date : Mar. 29, 2018
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 09



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Summary of Result(s):

Test Item	Test Method	Result	Conclusion
Failure load	With reference to EN 1065:1998 and client's requirement	See result	/

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: Failure load

Test method: With reference to EN 1065:1998 and client's requirement

Test condition:

Inner tube: $\Phi 63.57\text{mm} \times 2.84\text{mm}$ (wall thickness)

Outer tube: $\Phi 76.10\text{mm}$

Adjustable height: 1710mm~3000mm (specified by client)

Sample weight: 16.95kg

Steel ball: $\Phi 50\text{mm}$

Test procedure:

1. Place the adjustable steel prop on a steel plate with the inclined angle 1° , the steel prop was assembled to be tested at the maximum height.
2. Apply an axial compression test load via a steel ball at the head of the prop with an eccentricity of 10mm.
3. The load shall be increased until the plastic deformation occurs or the test load cannot be increased usefully.
4. Record the failure load and the failure mode.

Test Result:

Specimen	Test height	Failure load (kN)	Failure mode
1	3000mm	55.7	The inner tube was bent
2	3000mm	58.5	The inner tube was bent
3	3000mm	59.8	The inner tube was bent

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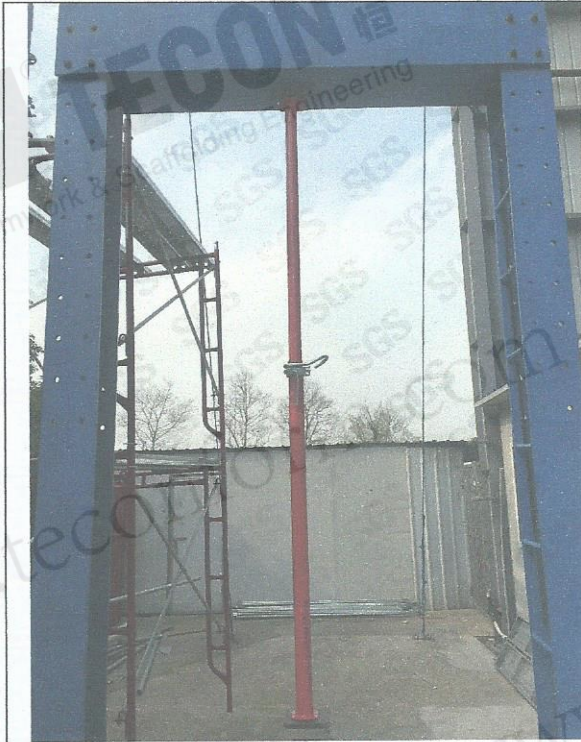
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Test Photos:



Test arrangement



After test

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

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