

TEST REPORT

No. : SHIN180300908CCM

Date : Apr. 02, 2018

Page: 1 of 4

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SHCCM 031437

TEST REPORT

No. : SHIN180300908CCM

Date : Apr. 02, 2018

Page: 2 of 4

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:



Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

TEST REPORT

No. : SHIN180300908CCM

Date : Apr. 02, 2018

Page: 3 of 4

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

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

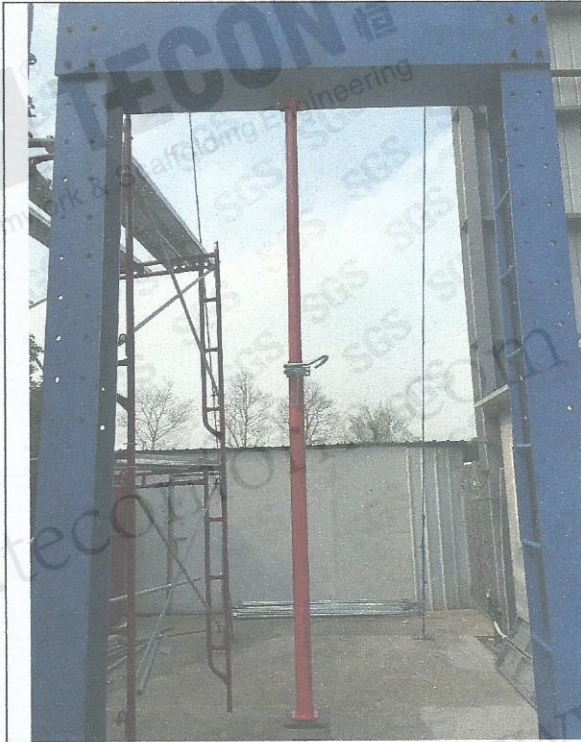
TEST REPORT

No. : SHIN180300908CCM

Date : Apr. 02, 2018

Page: 4 of 4

Test Photos:



Test arrangement



After test

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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com

