

TEST REPORT

No. : SHIN1911079607CM

Date : Dec 02, 2019

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CUSTOMER NAME: SSCAFFARM INTERNATIONAL
 ADDRESS: 2732, SECTOR 32A, CHANDIGARH ROAD, LUDHIANA, PUNJAB,
 INDIA. PHONE:+919780222474

Sample Name : SHORING PROP
 Product Specification : SIZE2.2-4.0 M, OUTER TUBE 48X1.8, INNER TUBE 40X2.0
 Product or Lot No. : SF/SM-002
 Manufacturer : SSCAFFARM INTERNATIONAL

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
 SGS Ref. No. : NBIN1911012418ML
 Ref. Standard : With reference to BS EN 1065:1998 Clause 10.2.5
 Date of Receipt : Nov 08, 2019
 Testing Start Date : Nov 08, 2019
 Testing End Date : Nov 29, 2019
 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
 Service (Shanghai)Co., Ltd.

Joyce LI

Joyce Li
 Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Failure Load Test	With reference to BS EN 1065:1998 Clause 10.2.5	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

Test Method: With reference to BS EN 1065:1998 Clause 10.2.5

Sample Description:

Inner tube: $\Phi 40.00\text{mm}$

Outer tube: $\Phi 48.00\text{mm}$

Adjustable height: 2400mm~4000mm

Sample weight: 9.94kg

Test Condition:

Test height: 4000mm

Test Procedure:

- 1) Place the Adjustable steel prop on a steel plane 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:

Sample No.	Test Height	Failure Load	Failure Mode
1	4000mm	7.7kN	The inner tube was bent.

Note:

1. The test height is set as per client's requirement.
2. The diameter of steel ball is 50mm.



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Test Photos:



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



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