

TEST REPORT

No. : SHIN2210018024CM

Date : Nov 03, 2022

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SHIN2210018024CM

CUSTOMER NAME: APAC BUILDERS EQUIPMENT CO., LTD
ADDRESS: NO.388 DONGWU SOUTH ROAD, WUZHONG DISTRICT, SUZHOU
CITY, P.R. CHINA

Sample Name : HEAVY DUTY EURO PROP
Product Specification : AEP-D35
Country of Origin : China

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. : SHHL2210047653SD
Ref. Standard : With Reference to EN 1065:1998 Clause 10.2.5 and Client's Requirement
Date of Receipt : Oct 24, 2022
Testing Start Date : Oct 24, 2022
Testing End Date : Oct 31, 2022
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.

Ziven Wang

Ziven Wang
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Failure Load Test	With Reference to EN 1065:1998 Clause 10.2.5 and Client's Requirement	See Result	/

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.



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Original Sample Photo(s):



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Test Item: Failure Load Test

Test Method: With Reference to EN 1065:1998 Clause 10.2.5 and Client's Requirement

Sample Description:

Inner tube: $\Phi 63.56\text{mm}$

Outer tube: $\Phi 76.27\text{mm}$

Adjustable height: 1965mm~3500mm

Sample weight: 20.28kg

Test Condition:

The diameter of steel ball: 50mm

Test Procedure:

1. Place the steel prop on a steel plate with the inclined angle 1° , the prop shall be assembled to be tested at the height specified by client.
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.



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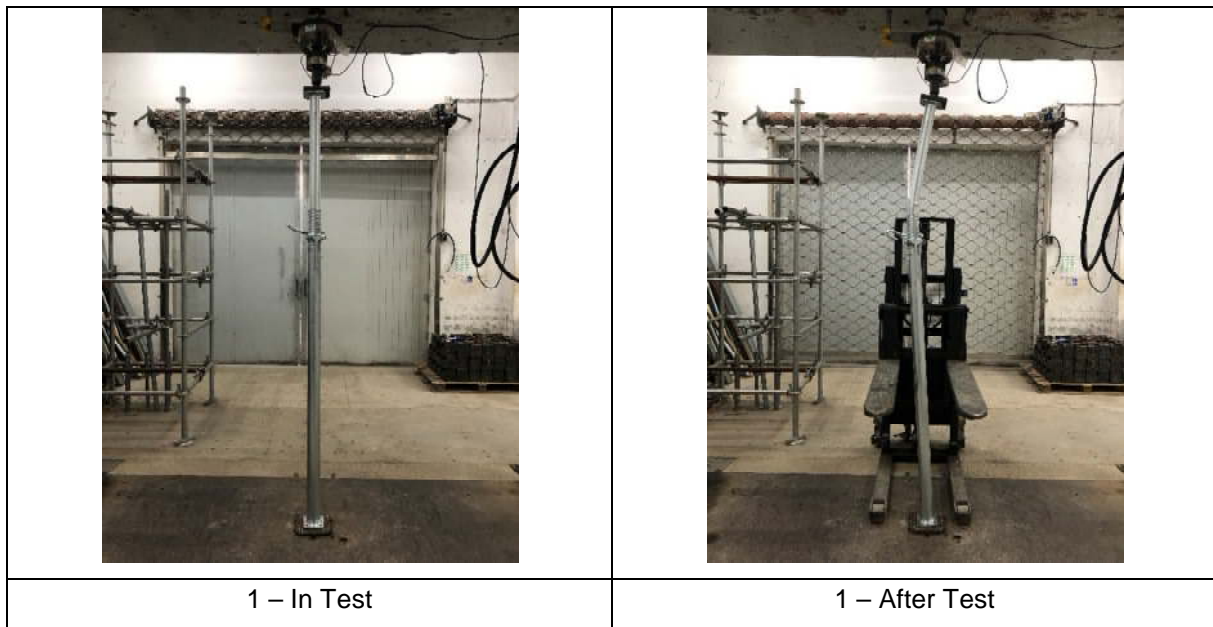
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Test Result:

No.	Test Item	Test Height(mm)	Failure Load (kN)	Failure Mode
1	Failure Load Test	2500	94.66	The inner tube was bent.
2		3000	66.62	The inner tube was bent.
3		3500	49.27	The inner tube was bent.

Test Photo(s):



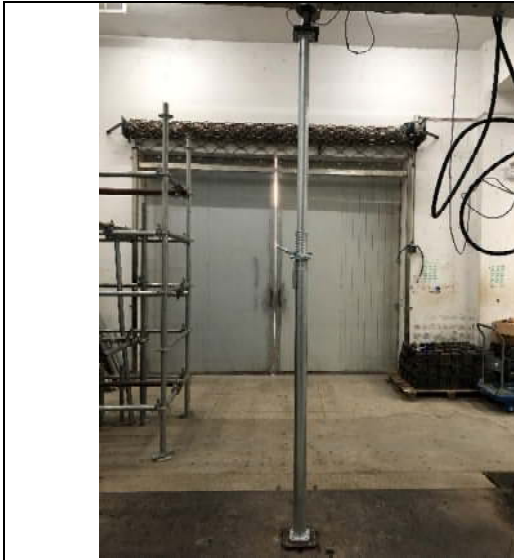
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2 – In Test



2 – After Test



3 – In Test



3 – After Test

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



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