

Test Report

No.: 64.190.23.0925.01-00

Dated: 2024-01-10



Applicant: Shenzhen Kkmark Event Co., Ltd.
Address: 302 zhongguang building No.22 Yayuan Rd Bantian Longgang Shenzhen
Sample Submission: The sample was submitted by applicant and identified.
Product Name: Aluminum truss
Order No.: /
Identification/Style No.: KKMARK-K44 TRUSS
Manufacturer: Kkmark Event Co., Ltd.
Country of Origin: /
Buyer: /
Export to: /
Receipt Date of Sample: 2024-01-04
Date of Testing: 2024-01-04
Test Result: Refer to the data listed in following pages

Test Specification(s) or Test Item(s):

1. Loading test according to client's requirements

Conclusions:

See Test Results

Hardline Laboratory

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch Testing Center

Tested By: 

Steven Pan
Project Handler



Reviewed By: 

Adam Hou
Designated Reviewer

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Description of the test subject:

1	Product Description	Aluminum truss	
2	Dimensions	Dimension:	W400mm x H400mm
		Main tube (mm):	Dia. 50 x T 2.0
		Vice tube (mm):	Dia. 25 x T 2.0
		Inclined tube (mm):	Dia. 25 x T 2.0

Sample photo(s)





Test Results

1. Loading test according to client's requirements

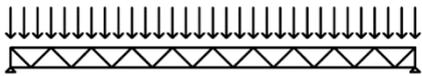
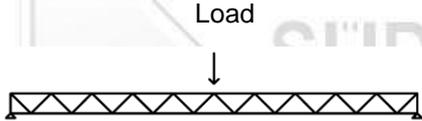
Test item	Requirement ~ Test	Measuring result ~ Remark	Verdict
Loading test	<p>The specified loads were applied and deformations were measured 5 minutes after load and 5 minutes after load removal.</p> <p>1. Uniformly distributed load (UDL) The truss was supported by two rigid frames at two ends to reach a certain span tested according to Figure 1. The load was uniformly distributed on the truss and the deflection under this loading condition was measured accordingly.</p> <p style="text-align: center;">Load  Figure 1</p> <p>2. Concentrated position load (CPL) The truss was supported by two rigid frames at two ends to reach a certain span tested according to Figure 2. The load was concentrically placed and the deflection under this loading condition was measured accordingly.</p> <p style="text-align: center;">Load  Figure 2</p> <p>Note: Measured deflection, (mm) – Deflection under load Residual deflection, (mm) – Deflection after removing load</p>	Details see the following table 1	/

Table 1

Item	Test Data
Span, (m)	12
UDL: Total load applied, (kg)	1000
Measured deflection, (mm)	160
Residual deflection, (mm)	14

CPL: Total load applied, (kg)	400
Measured deflection, (mm)	97
Residual deflection, (mm)	7
Test results	No visible damage was found during and after test.

TESTING PHOTO



Remark:

1. The test results exclusively based on the submitted sample.
2. Specific requirement of test report as per clause 7.8.3 of CNAS-CL01-2018 or other accreditation scheme, such as: remark of subcontract information or on-site testing information.

Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.

Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements.

By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

-End of Test Report-