

Test Report

No.: 64.190.24.0236.01-00

Dated: 2024-03-29



Applicant: GUANGXI EVENT-BROTHER STAGING PRODUCTIONS CO., LTD.
Address: Room.909&911,Zonghe Building,Jianlong Industrial Zone,No.96
JinkaRoad,Nanning City.Guangxi,China.
Sample Submission: The sample was submitted by applicant and identified.
Product Name: Aluminum truss
Order No.: /
Identification/Style No.: TSV-290
Manufacturer: EVENT-BROTHER(FOSHAN)STAGING EQUIPMENT MANUFACTURING
CO.LTD
Country of Origin: /
Buyer: /
Export to: /
Receipt Date of Sample: 2024-01-15
Date of Testing: From 2024-01-15 to 2024-01-15
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:

Mac Xiao

Mac Xiao

Project Handler

Reviewed By:

Steven Pan

Steven Pan

Designated Reviewer



Note: (1) "General Terms & Conditions" applied. For full version, please visit: <http://www.tuvsud.cn/cn-scn/terms-and-conditions>
2) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. 3) The conclusion of test result was drawn according to corresponding regulation or standard method and/ or client's requirement

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Description of the test subject:

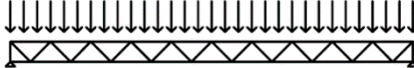
1	Product Description	Aluminum truss	
2	Dimensions	Overall Dimension:	12m L x 289mm x 289mm x 289mm
		Main tube (mm):	Dia. 50 x T 2.0
		Vice tube (mm):	Dia. 25 x T 2.0
		Brace tube (mm):	Dia. 20 x T 2.0

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 nominal loads were applied and the deflections were measured.</p> <p>1. Uniformly distributed load (UDL)</p> <p>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</p>  <p style="text-align: center;">Figure 1</p>	Details see the following appendix 1 and appendix 2	/

Appendix 1

Item	Test Data
Span, (m)	12
Uniformly distributed load, (kg)	400
Test results	No visible damage was found during and after test.

Remark: Measuring points are marked every 0.67 meter.

Loading point	1	2	3	4	5	6	7	8	9	10
Distance from bottom of truss to the ground prior to Test, (mm)	735	727	725	720	715	715	710	705	711	713
Distance from bottom of truss to the ground in loading Test, (mm)	705	677	649	620	603	588	575	565	577	580
Measured deflection, (mm)	30	50	76	100	112	127	135	140	134	133

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Loading point	11	12	13	14	15	16
Distance from bottom of truss to the ground prior to Test, (mm)	715	722	730	730	732	733
Distance from bottom of truss to the ground in loading Test, (mm)	590	613	636	660	690	716
Measured deflection, (mm)	125	109	94	70	42	17

Appendix 2

Span, (m)	Uniformly distributed load, (kg)	Central deflection, (mm)
12	400	144

TESTING PHOTO



Remark:

1. The test results exclusively based on the submitted sample.
2. As requested by the applicant, no actual test was conducted in this report, only refer to test data of the report 64.190.23.0907.01-01 which was issued on 2024-02-26. And only the information of applicant, manufacturer, buyer, photo and style No. were modified.
3. 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.

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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-

