Test Report No.: 64.190.24.0206.01-00
Dated: 2024-03-20

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.:	TS-300
Manufacturer:	EVENT-BROTHER(FOSHAN)STAGING EQUIPMENT MANUFACTURING CO.LTD
Country of Origin:	/
Buyer:	EVENT-BROTHER's CLIENTS
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: Steven Pan

Steven Pan
Project Handler

Reviewed By: Adam Hou

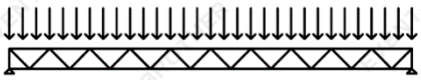
Adam Hou
Designated Reviewer

Description of the test subject:

1	**Product Description**	Aluminum truss	
2	**Dimensions**	Overall Dimension:	12m L x 289mm W x 289mm H
		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	The nominal loads were applied and the deflections were measured. **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. Load  **Figure 1**	Details see the following appendix 1 and appendix 2	/

Appendix 1

Item	Test Data
Span, (m)	12
Uniformly distributed load, (kg)	500
Test results	No visible damage was found during and after test.

Remark: Measuring points are marked every 0.54 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)	740	738	739	736	734	735	731	722	721	722
Distance from bottom of truss to the ground in loading Test, (mm)	721	707	695	686	670	663	653	639	635	631
Measured deflection, (mm)	19	31	44	50	64	72	78	83	86	91

Loading point	11	12	13	14	15	16	17	18	19	20
Distance from bottom of truss to the ground prior to Test, (mm)	711	713	720	724	723	726	726	728	735	739
Distance from bottom of truss to the ground in loading Test, (mm)	626	628	639	641	657	666	680	696	712	724
Measured deflection, (mm)	85	85	81	83	66	60	46	32	23	15

Appendix 2

Span, (m)	Uniformly distributed load, (kg)	Central deflection, (mm)
12	500	86

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 64.190.23.0908.01-01 which was issued on 2024-02-26. And only the information of applicant, manufacturer, buyer, photo and style No. was 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.

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-