



# Test Report

No.: 64.190.23.0479.01-00

Dated: 2023-08-24

**Applicant:** GUANGXI EVENT-BROTHER STAGING PRODUCTIONS CO.,LTD.  
**Address:** Room.909&911,Zonghe Building,Jianlong Industrial Zone,No.96 Jinkai Road,Nanning City,Guangxi,China

**Sample Submission:** The sample was submitted by applicant and identified.  
**Product Name:** Aluminum truss  
**Order No.:** /  
**Identification/Style No.:** TS-300P  
**Manufacturer:** EVENT-BROTHER(FOSHAN)STAGING EQUIPMENT MANUFACTURING CO.,LTD  
**Country of Origin:** China  
**Buyer:** /  
**Export to:** /  
**Receipt Date of Sample:** 2023-08-16  
**Date of Testing:** From 2023-08-16 to 2023-08-16  
**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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 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

Laboratory:  
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## Description of the test subject:

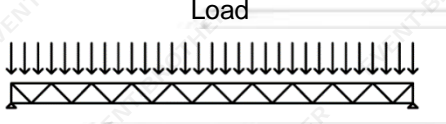
1	Product Description	Aluminum truss	
2	Dimensions	Overall Dimension:	15m L x 289mm W x 289mm H
		Main tube (mm):	Dia. 50 x T 3.0
		Vice tube (mm):	Dia. 30 x T 2.0
		Brace tube (mm):	Dia. 25 x T 2.0

## 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 nominal loads were applied and the deflections were measured.                      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.                      Then the specified nominal load was uniformly distributed on the truss.                      Measured the deflection under this loading condition.                      Check if any damage during and after test.</p>  <p style="text-align: center;">Load</p> <p style="text-align: center;">Figure 1</p>	Details see the following table 1 and table 2	/

**Table 1**

Item	Test Data										
	Span, (m)	12									
Uniformly distributed load, (kg)	600										
Loading point	1	2	3	4	5	6	7	8	9	10	11
Distance from bottom of truss to the ground prior to Test, (mm)	565	574	567	568	556	559	565	570	569	573	575
Distance from bottom of truss to the ground in loading Test, (mm)	539	521	491	480	467	460	474	482	500	520	545
Measured deflection, (mm)	26	53	76	88	89	99	91	88	69	53	30
Test results	No visible damage was found during and after test.										

Remark: Measuring points are marked every one meter.

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Table 2

Span, (m)	Uniformly distributed load, (kg)	Central deflection, (mm)
12	600	99

## TESTING PHOTO



### Remark:

1. The test results exclusively based on the submitted sample.

-End of Test Report-