

Test Report

No.: 64.190.21.0926.01

Dated: 2022-01-07



Applicant: Guangzhou Biel Stage Technology Co.,Ltd
Address: No. 6 Industrial Road, Second Industrial Zone, Shakeng Village ,
Shawan Town, Panyu District, Guangzhou, China
Sample Submission: The sample was submitted by applicant and identified.
Product Name: 520x760mm aluminum truss
Order No.: /
Identification/Style No.: /
Manufacturer: Guangzhou Biel Stage Technology Co.,Ltd
Country of Origin: China
Buyer: /
Export to: /
Receipt Date of Sample: 2022-01-04
Date of Testing: From 2022-01-04 to 2022-01-04
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:

Paker Liang
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

Laboratory:
TÜV SÜD Testing Center, No. 63 Chuangqi
Road, Shilou Town, Panyu Distric, Guangzhou,
P.R. China

Telephone: +86 020 3832 0668
Telefax: +86 020 3832 0478
<http://www.tuv-sud.cn>

Regd. Office:
TÜV SÜD Certification and Testing (China) Co.,
Ltd. Guangzhou Branch 5F, Communication
Building, 163 Pingyun Rd, Huangpu West Ave.

Page 1 of 3

Description of the test subject:

1	Product Description	520x760mm aluminum truss	
2	Dimensions	Overall Dimension (mm):	L24000 x W520 x H760
		Main tube in length direction (mm):	Dia. 50 x T 3,0
		Supporting tube in horizontal and vertical direction (mm):	Dia. 50 x T 2.0
		Supporting tube in inclined direction) (mm):	Dia. 30 x T 3.0

Testing photo(s)



Test Results

1. Loading test according to client's requirements

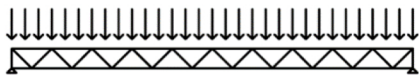
Test item	Requirement ~ Test	Measuring result ~ Remark	Verdict
Loading test	<p>The nominal loads were applied and the deflections were measured.</p> <p>Uniformly distributed load (UDL)</p> <p>The truss was supported by two rigid frames at two ends to reach a certain span tested according to Figure 1.</p> <p>Then the specified nominal load was uniformly distributed on the truss.</p> <p>Maintain the load for 10 minutes.</p> <p>Measured the deflection under this loading condition and loading removal condition accordingly.</p> <p>Check if any damage during and after test.</p> <p>Load</p>  <p>Figure 1</p>	Details see the following table 1	/

Table 1

Item	Test Data
Span, (m)	24
Total load applied, (kg)	600
Measured deflection, (mm)	45
Residual deflection, (mm)	3
Test results	No visible damage was found during and after test.

Note:

Measured deflection – Deflection under load

Residual deflection – Deflection after the load is removed

Remark:

- The test results exclusively base on the submitted sample.

-End of Test Report-