

Witness Report of Load

Report No. 64.660.25.379.01

Rev.00



**Add value.
Inspire trust.**

Client: Guangzhou Guofeng Stage Equipment Co., Ltd

Manufacturer : Guangzhou Guofeng Stage Equipment Co., Ltd
162-2 Guangyuan Road, Shuikou Village, Tanbu Town,
Huadu District, Guangzhou

Inspection Place: The same as Manufacturer

Date of testing: 2025.12.14 - 2025.12.15

Inspection body: TÜV SÜD Certification and Testing (China) Co., Ltd.
Guangzhou Branch, Industry Service Department

Equipment being tested: Aluminum Truss of GF5101020238

Specified requirement: Loading test according to client's requirement

Scope of testing : Load test

Test result Test result refer to page 3~7.

This document consists of
7 Pages.
Page 1 of 7

Other Aspects: We herewith certify that the signed representative of TÜV SÜD Group, did at the request of client, attended at the work site located at Guangzhou city, Guangdong province, P. R. China, on the days of December 14 to 15, 2025, in order to witness the load test for the Aluminum Truss of GF5101020238 as an independent inspection authority.

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The test results refer exclusively to the units under test.

***** For further details, please refer to the following page(s) *****

*****更多详细信息, 请参考后续页*****

This test report relates to the test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

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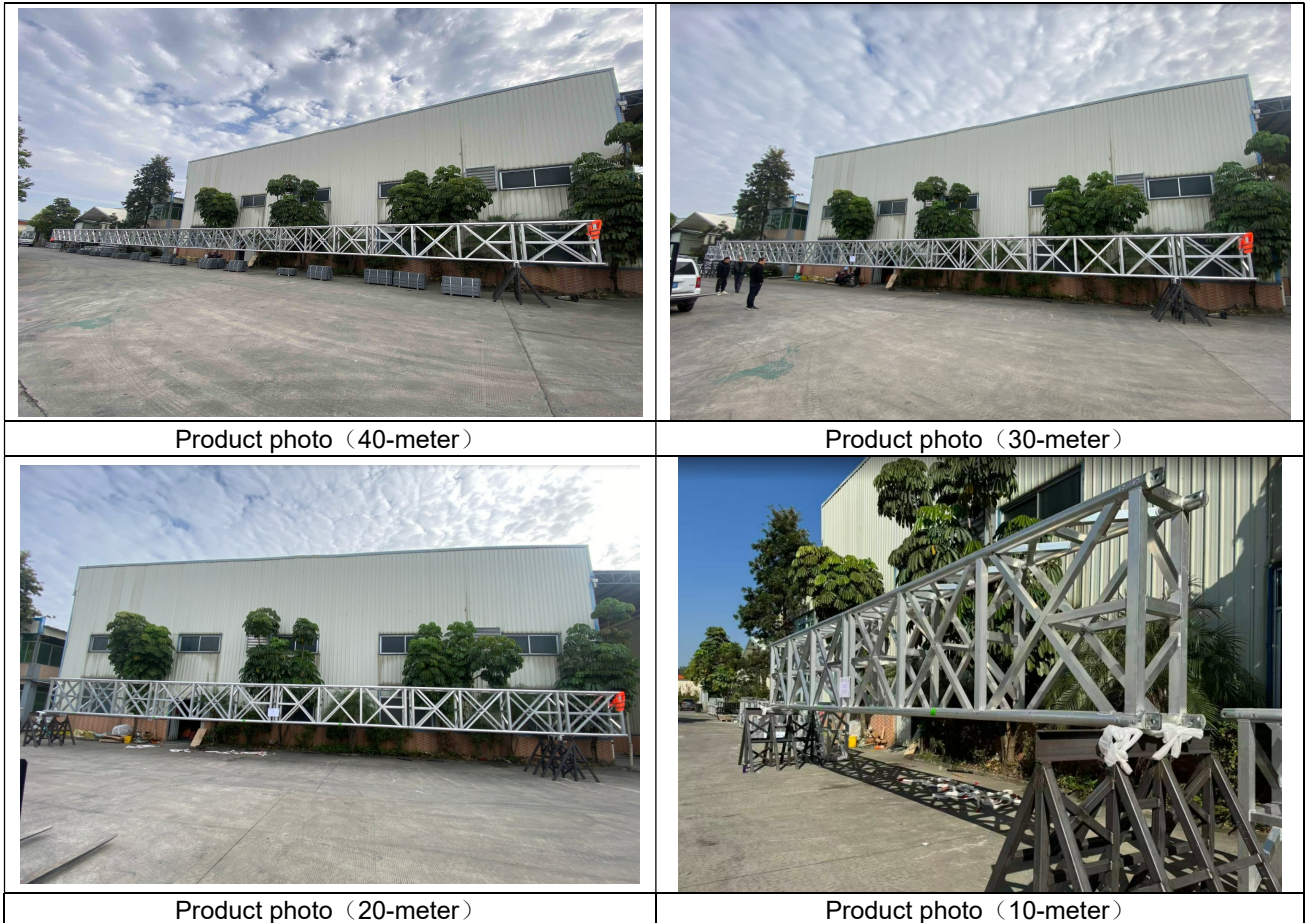
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TÜV SÜD Certification and Testing
(China) Co., Ltd. Guangzhou Branch
5F, Communication Building,
163 Pingyun Rd, Huangpu Ave. West Guangzhou
510656, P.R. China

1. INFORMATION OF TEST SAMPLES

Aluminum Truss of GF5101020238



2. TEST SPECIFICATON

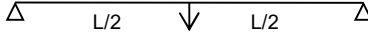
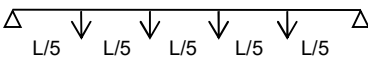
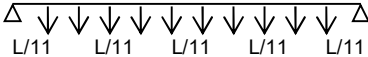
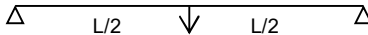
Test Procedure Summarized by the Manufacturer According to Client's Requirements.

- Prepare the test sample: Aluminum Truss of GF5101020238.
- Test set up: Position the aluminum truss (test specimen) on the support pedestals.
- Measure the initial deflection data with no load.
- Measure the deflection of the specimen after sustaining the specified loads for 30 minutes.
- Measure the final deflection date with loads.
- Measure the deflection of the specimen and inspect for visible damage or structural collapse.

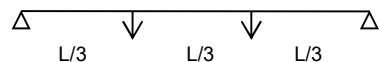
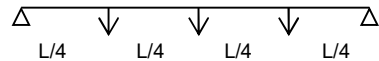
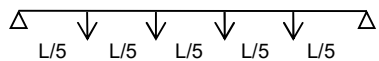
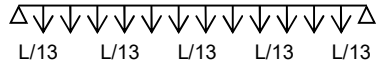


3. TEST CONDITION AND DATA

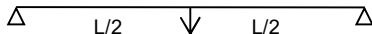
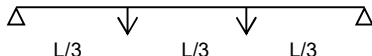
Load test for Aluminum Truss of GF5101020238.

Project: 40-meter span test												
1	Center Point Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>40m</td><td>2000</td><td>2000</td></tr></table>	Span	point load, kg	Total load, kg	40m	2000	2000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>40m</td><td>110</td></tr></table> No damage or collapse.	Span	Deflection,mm	40m	110
Span	point load, kg	Total load, kg										
40m	2000	2000										
Span	Deflection,mm											
40m	110											
2	Four Points load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>40m</td><td>1500</td><td>6000</td></tr></table>	Span	point load, kg	Total load, kg	40m	1500	6000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>40m</td><td>205</td></tr></table> No damage or collapse.	Span	Deflection,mm	40m	205
Span	point load, kg	Total load, kg										
40m	1500	6000										
Span	Deflection,mm											
40m	205											
3	Ten Points load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>40m</td><td>975</td><td>9750</td></tr></table>	Span	point load, kg	Total load, kg	40m	975	9750	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>40m</td><td>272</td></tr></table> No damage or collapse.	Span	Deflection,mm	40m	272
Span	point load, kg	Total load, kg										
40m	975	9750										
Span	Deflection,mm											
40m	272											
Project: 30-meter span test												
1	Center Point Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>30m</td><td>4000</td><td>4000</td></tr></table>	Span	point load, kg	Total load, kg	30m	4000	4000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>30m</td><td>68</td></tr></table> No damage or collapse.	Span	Deflection,mm	30m	68
Span	point load, kg	Total load, kg										
30m	4000	4000										
Span	Deflection,mm											
30m	68											

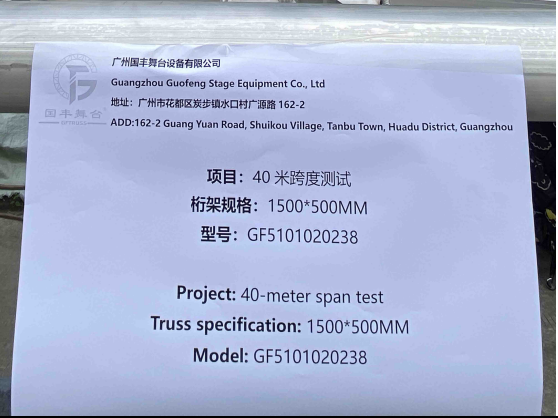


2	Two Points Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>30m</td><td>3500</td><td>7000</td></tr></table>	Span	point load, kg	Total load, kg	30m	3500	7000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>30m</td><td>94</td></tr></table> No damage or collapse.	Span	Deflection,mm	30m	94
Span	point load, kg	Total load, kg										
30m	3500	7000										
Span	Deflection,mm											
30m	94											
3	Three Points Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>30m</td><td>2500</td><td>7500</td></tr></table>	Span	point load, kg	Total load, kg	30m	2500	7500	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>30m</td><td>98</td></tr></table> No damage or collapse.	Span	Deflection,mm	30m	98
Span	point load, kg	Total load, kg										
30m	2500	7500										
Span	Deflection,mm											
30m	98											
4	Four Points load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>30m</td><td>2000</td><td>8000</td></tr></table>	Span	point load, kg	Total load, kg	30m	2000	8000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>30m</td><td>98</td></tr></table> No damage or collapse.	Span	Deflection,mm	30m	98
Span	point load, kg	Total load, kg										
30m	2000	8000										
Span	Deflection,mm											
30m	98											
5	Twelve-Point Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>30m</td><td>1000</td><td>12000</td></tr></table>	Span	point load, kg	Total load, kg	30m	1000	12000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>30m</td><td>129</td></tr></table> No damage or collapse.	Span	Deflection,mm	30m	129
Span	point load, kg	Total load, kg										
30m	1000	12000										
Span	Deflection,mm											
30m	129											
Project: 20-meter span test												



1	Center Point Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>20m</td><td>5000</td><td>5000</td></tr></table>	Span	point load, kg	Total load, kg	20m	5000	5000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>20m</td><td>27</td></tr></table> No damage or collapse.	Span	Deflection,mm	20m	27
Span	point load, kg	Total load, kg										
20m	5000	5000										
Span	Deflection,mm											
20m	27											
2	Two Points Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>20m</td><td>3000</td><td>6000</td></tr></table>	Span	point load, kg	Total load, kg	20m	3000	6000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>20m</td><td>29</td></tr></table> No damage or collapse.	Span	Deflection,mm	20m	29
Span	point load, kg	Total load, kg										
20m	3000	6000										
Span	Deflection,mm											
20m	29											
Project: 10-meter span test												
1	Center Point Load: Client's Requirements: Measure the deflection of the specimen under the specified load and inspect it after 30 minutes of sustained loading. The load application method is illustrated as follows.  Test Method: The specimen is supported at both ends by two rigid frames to achieve the specified span. The total loads specified below are applied to the specimen, and the mid-span deflection is measured accordingly. <table><tr><td>Span</td><td>point load, kg</td><td>Total load, kg</td></tr><tr><td>10m</td><td>5000</td><td>5000</td></tr></table>	Span	point load, kg	Total load, kg	10m	5000	5000	Test result: <table><tr><td>Span</td><td>Deflection,mm</td></tr><tr><td>10m</td><td>5</td></tr></table> No damage or collapse.	Span	Deflection,mm	10m	5
Span	point load, kg	Total load, kg										
10m	5000	5000										
Span	Deflection,mm											
10m	5											

Test photos for Projects:

Test Photos for 40-meter Span Project Test	
	
40-meter span test	Center-Point Load for 40-meter Span Test



	
Four-Point Load for 40-meter Span Test	Ten-Point Load for 40-meter Span Test
Test Photos for 30-meter Span Project Test	
	
30-meter span test	Center-Point Load for 30-meter Span Test
	
Two-Point Load for 30-meter Span Test	Three-Point Load for 30-meter Span Test
	
Four-Point Load for 30-meter Span Test	Twelve-Point Load for 30-meter Span Test
Test Photos for 20-meter Span Project Test	



20-meter span test	Center-Point Load for 20-meter Span Test
	/
Two-Point Load for 20-meter Span Test	/
Test Photos for 10-meter Span Project Test	
10-meter span test	Center-Point Load for 10-meter Span Test

4. RESULT

All the required load tests were performed .During and after the test, a visual check was performed on the mechanical structures of the tested samples, no visible damage or break-age was found.

Prepared by:

Chenhao 2025-12-22
Mr. Hao Chen

Reviewed by:

Devin.Liu 2025-12-22
Devin Liu

END OF REPORT