

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

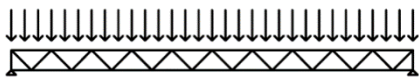
Test item	Requirement ~ Test	Measuring result ~ Remark	Verdict
Loading test	<p>The nominal loads were applied and the deflections were measured. Uniformly distributed load (UDL) The truss was supported by two rigid frames at two ends to reach a certain span tested according to Figure 1. Then the specified 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>	<p>Details see the following table 1 and table 2</p>	/

Table 1

Item	Test Data												
	Span, (m)	14											
Uniformly distributed load, (kg)	700												
Loading point	1	2	3	4	5	6	7	8	9	10	11	12	13
Distance from bottom of truss to the ground prio to Test, (mm)	763	755	755	745	746	735	730	726	724	732	739	738	736
Distance from bottom of truss to the ground in loading Test, (mm)	720	665	630	600	580	556	545	544	555	585	615	646	680
Measured deflection, (mm)	43	90	125	145	166	179	185	182	169	147	124	92	56
Test results	No visible damage was found during and after test.												

Remark: Measuring points are marked every one meter.

Table 2

Span, (m)	Uniformly distributed load, (kg)	Central deflection, (mm)
14	700	183.5

TESTING PHOTO



Remark:

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

-End of Test Report-