

Test Report **No.:** **64.190.23.0406.01-00**
Dated: **2023-08-02**

Applicant: Grupo Prisma Pro
Address: Camí Vereda, 25, 46469 Beniparrell,
 València, Spain
Sample Submission: The sample was submitted by applicant and identified.
Product Name: Aluminum Alloy Spigot Truss 铝合金插销桁架
Order No.: /
Identification/Style No.: VKSST
Manufacturer: Grupo Prisma Pro
Country of Origin: /
Buyer: /
Export to: /
Receipt Date of Sample: 2023-07-27
Date of Testing: From 2023-07-27 to 2023-07-28
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:

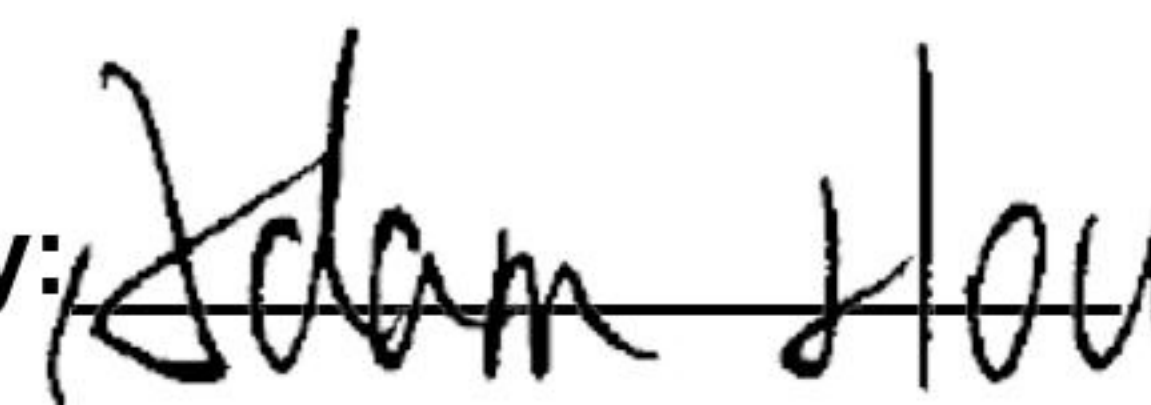
Details see Test Results

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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Description of the test subject:

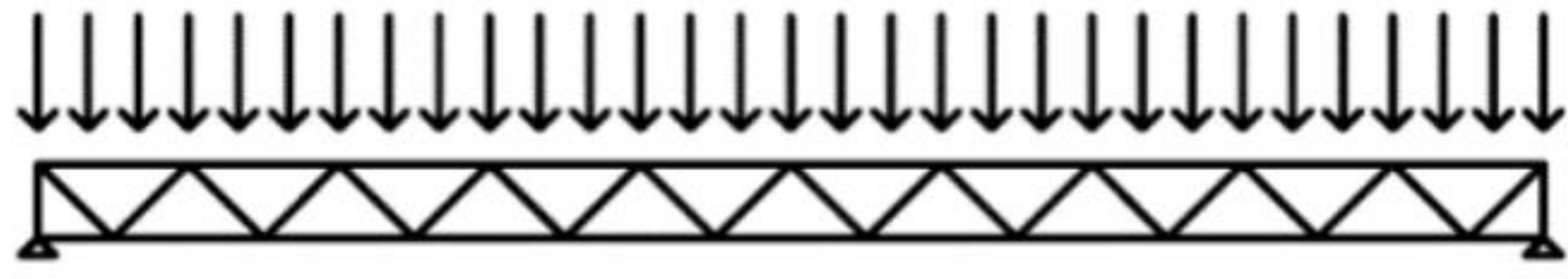
1	Product Description	Aluminum Alloy Spigot Truss 铝合金插销桁架	
		Main tube (mm):	Dia. 50 x T 3.0
		Supporting tube (mm):	Dia. 20 x T 2.0

Sample/test photo(s)



Test Results

1. Loading test according to client's requirements

Test item	Requirement ~ Test	Measuring result ~ Remark	Verdict
Loading test	<p>The tested loads 620kg were applied and the deflections were measured before and after 30min test. 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 of central point. 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>Test loads: 620kg Test duration: 30min Span: 12m</p> <p>No obvious damage was found after test.</p>	/

Item	Test Data
Span, (m)	12
Uniformly distributed load, (kg)	620
Distance from bottom of truss to the ground before loading test, (mm)	360
Distance from bottom of truss to the ground in loading test(30min), (mm)	265
Distance from bottom of truss to the ground after removing test loading, (mm)	353
Measured deflection, (mm)	95
Residual deflection, (mm)	7

Remark:

- The test results exclusively based on the submitted sample.

-End of Test Report-