

TÜV NORD CERT GmbH
Langemarckstrasse 20
45141 Essen
Tel.: +49 201 8255120
e-mail: prodcert@tuev-nord.de

Technical Report

Testing Laboratory
Product Safety

Report No. 16 780 464143-005 dated 16.09.2016

Applicant:	Global Truss Corp. 10F., No. 180, Sec. 4, Nanjing E. Rd., Taipei 10553 Taiwan
Device under test:	Clamp for an aluminium truss system type: 8121 Truss adapter M12 750 kg
Test principles:	DIN EN 1999-1-1: Eurocode 9: Design of aluminium structures Part 1-1: General structural rules
Order no.:	8000464143
File no.:	2.4-246/08
Test engineer:	Dipl.-Ing. Bernd Mathes
Testing period:	09.2016
Place of testing:	TÜV NORD CERT GmbH Langemarckstr. 20 45141 Essen

The report consists of 3 pages

1. General

Technical Ratings:

Nominal load:	750 kg
Clamp inner diameter:	50.8 mm
Material:	Aluminium 6061 T6

Type of examination: TÜV NORD type approval

2. Comments

The above described clamp for an aluminium truss system type 8121 of Global Truss Corp. is identical with the clamp type 8121 of the company Taiwan Georgia Corp., described in the type approval certificate no.:44 780 09 366367.

The retesting of the clamp has become necessary because the type approval certificate no.: 44 780 09 366367 did expire at 27.10.2014 and the test principles changed to DIN EN 1999-1-1.

3. Submitted files

- Authorisation letter between Global Truss Corp. and Taiwan Georgia Corp.
- Confirmation, that the clamp was not changed in the structurally design since the last check.
- Drawings referenced in drawing list for clamp type:
8121 truss adapter M12 750 kg
- Material certificates.
- Short instruction manual for truss clamps.
- Test report 3837PR35380 issued by TÜV NORD SysTec GmbH & Co. KG

4. Conducted test

The results of the strength test from the test report of TÜV Nord 3837PR35380 show, that the clamp meets the requirements of DIN EN 1999-1-1.

5. Test result

The referencend units are in compliance with the above requirements.



Bernd Mathes