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## Technical Report

Testing Laboratory  
Product Safety

Report No. 16 780 464143-003 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: 5033  
Truss adapter with eyebolt 48 – 51 mm

Test principles: DIN EN 1999-1-1: Eurocode 9: Design of aluminium structures  
Part 1-1: General structural rules

Order no.: 8000464143

File no.: 2.4-247/08

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:	200 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 5033 of Global Truss Corp. is identical with the clamp type 5033 of the company Taiwan Georgia Corp., described in the type approval certificate no.:44 780 09 366368.

The retesting of the clamp has become necessary, because the type approval certificate no.: 44 780 09 366368 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:  
5033 Truss adapter with eyebolt 48 – 51 mm.
- 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.



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Bernd Mathes