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Technical Report

Testing Laboratory
Product Safety

Report No. 16 780 464143-007 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: 5034-1 Halfcoupler with 50 mm tube |
| Test principles: | DIN EN 1999-1-1: Eurocode 9: Design of aluminium structures Part 1-1: General structural rules |
| Order no.: | 8000464143 |
| File no.: | 2.4-250/08 |
| 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: | 500 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 5034-1 of Global Truss Corp. is identical with the clamp type 5034-1 of the company Taiwan Georgia Corp., described in the type approval certificate no.:44 780 09 366372.

The retesting of the clamp has become necessary, because the type approval certificate no.: 44 780 09 366372 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:
5034-1 halfcoupler with 50 mm tube
- 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