

**Prüfbericht - Nr.: 0114053186a 002**

Test Report No.:

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**Auftraggeber:**

Client:

WECAND Enterprise Co., Ltd.

No. 58, Lane 6, Rong An Road, Luzhu District, Taoyuan City 33852, Taiwan, R.O.C.

**Gegenstand der Prüfung:**

Test Item:

1. Tube Spiles O.D. 48mm, S235
2. Umbrella Steel Pipe Roofing System O.D. 139.7mm, S235
3. Umbrella Steel Pipe Roofing System O.D. 114.3mm, S275
4. Umbrella Steel Pipe Roofing System O.D. 114.3mm, S355
5. Swell Friction Bolt O.D. 54mm, S355JR
6. Fully Threaded Rock Bolt, O.D. 29mm
7. Self-drilling Anchor R32
8. Lattice Girders D25mm Round Bar
9. Lattice Girders D32mm Round Bar

**Bezeichnung:**

Identification:

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**Anlieferungszustand:**

Delivery condition:

apparent good

**Eingangsdatum:**

Date of Receipt:

2016-07-01

**Prüfart:**

Testing location:

TAIWAN TESTING TECHNOLOGY CO. LTD/ Tainan Laboratory

**Prüfgrundlage:**

Test specification:

Testing according to customers specification for the following parameters:  
Tensile test, Alloy composition

**Prüfergebnis:**

Test result:

The test results are the measurements, stated in the test report.

**geprüft: tested by:**

**kontrolliert: checked by:**





2016-09-08 Sunny Hu  
/Senior Specialist

2016-09-08 Carl Chang  
/Department Manager

Datum Name/Stellung Unterschrift  
Date Name/Position Signature

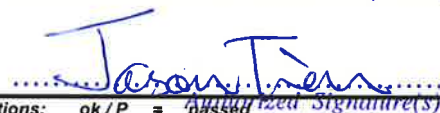
Datum Name/Stellung Unterschrift  
Date Name/Position Signature

**Sonstiges/ Other Aspects:**

Test period: 2016-07-13 – 2016-07-14

This test report supersedes test report no. 0114053186a 001.

For and on behalf of  
WECAND ENTERPRISE CO., LTD.



Abkürzungen: ok / P = entspricht Prüfgrundlage  
fail / F = entspricht nicht Prüfgrundlage  
n.a. / N = nicht anwendbar

Abbreviations: ok / P = passed  
fail / F = failed  
n.a. / N = not applicable

**Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.**

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.



Test Report No. : 0114053186a 002  
Customer : WECAND Enterprise Co., Ltd.

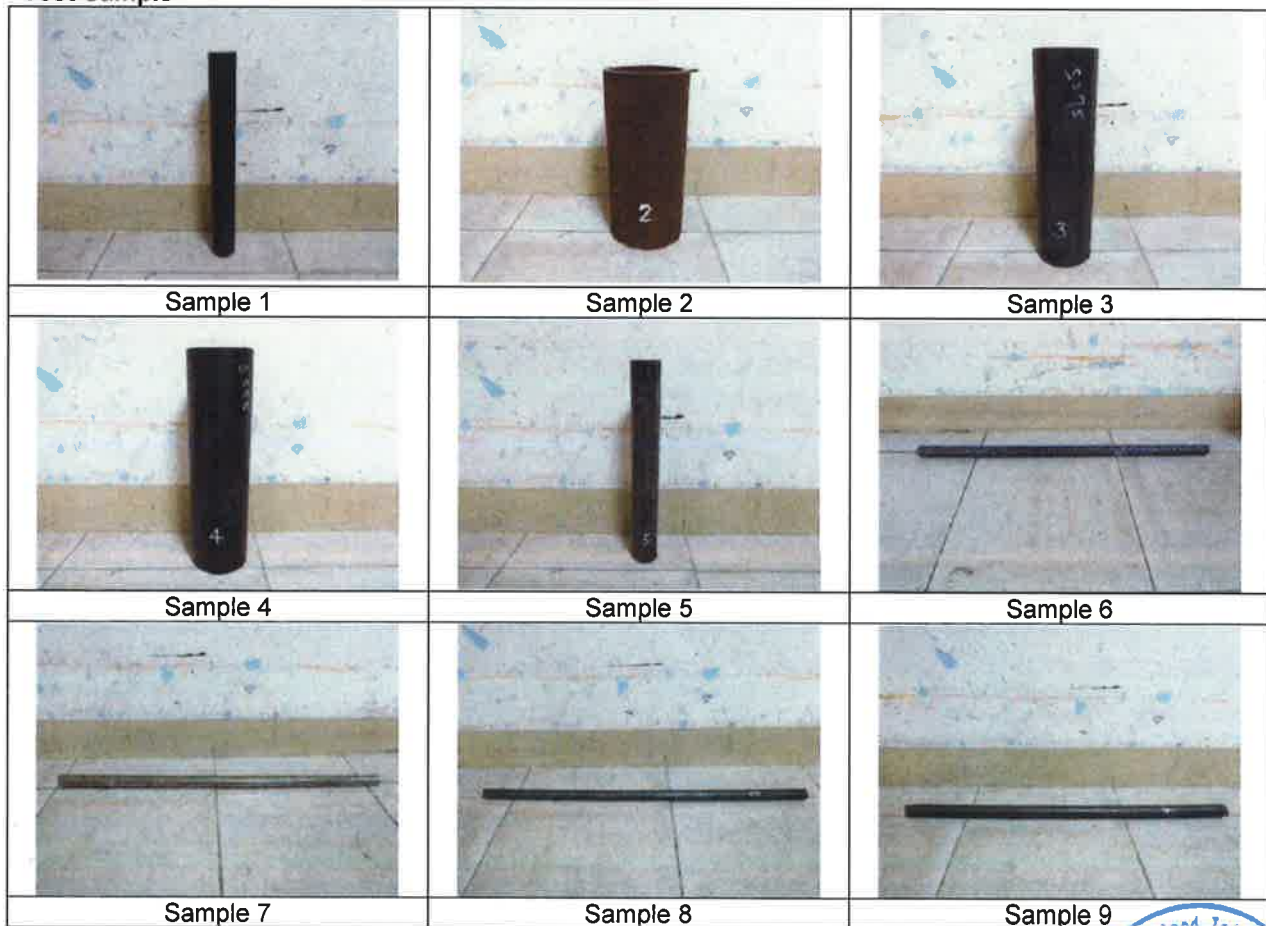
2016-09-08

Lab No.: TCL160701-06

**Material List**

| Sample no. | Product                                               |
|------------|-------------------------------------------------------|
| 1          | Tube Spiles O.D. 48mm, S235                           |
| 2          | Umbrella Steel Pipe Roofing System O.D. 139.7mm, S235 |
| 3          | Umbrella Steel Pipe Roofing System O.D. 114.3mm, S275 |
| 4          | Umbrella Steel Pipe Roofing System O.D. 114.3mm, S355 |
| 5          | Swell Friction Bolt O.D. 54mm, S355JR                 |
| 6          | Fully Threaded Rock Bolt, O.D. 29mm                   |
| 7          | Self-drilling Anchor R32                              |
| 8          | Lattice Girders D25mm Round Bar                       |
| 9          | Lattice Girders D32mm Round Bar                       |

**Test Sample**



For and on behalf of  
WECAND ENTERPRISE CO., LTD.

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Authorized Signature(s)



Test Report No. : 0114053186a 002  
Customer : WECAND Enterprise Co., Ltd.  
Test Method : Tensile test – EN 10002-1:2001

2016-09-08

| Sample         |      | 7      | Client's requirement |
|----------------|------|--------|----------------------|
| Item           | Unit | Result |                      |
| Yield Strength | MPa  | 807    | ≥600                 |
| Tensile        | MPa  | 978    | 900-1100             |

| Sample                     |      | 8      | 9      | Client's requirement |
|----------------------------|------|--------|--------|----------------------|
| Item                       | Unit | Result | Result |                      |
| Yield Strength             | MPa  | 581    | 560    | ≥520                 |
| Tensile                    | MPa  | 754    | 740    | ≥690                 |
| Elongation<br>(GL = 80 mm) | %    | 18     | 18     | ≥7                   |

For and on behalf of  
WECAND ENTERPRISE CO., LTD.

  
Authorized Signature(s)

