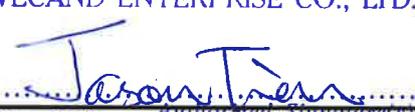


<b>Prüfbericht - Nr.: 0114053186a 002</b>		<b>Seite 1 von 8</b>
Test Report No.:		Page 1 of 8
<b>Auftraggeber:</b> Client:	WECAND Enterprise Co., Ltd. No. 58, Lane 6, Rong An Road, Luzhu District, Taoyuan City 33852, Taiwan, R.O.C.	
<b>Gegenstand der Prüfung:</b> Test Item:	1. Tube Spiles O.D. 48mm, 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	
<b>Bezeichnung:</b> Identification:	----	
<b>Anlieferungszustand:</b> Delivery condition:	apparent good	<b>Eingangsdatum:</b> Date of Receipt: 2016-07-01
<b>Prüfart:</b> Testing location:	TAIWAN TESTING TECHNOLOGY CO. LTD/ Tainan Laboratory	
<b>Prüfgrundlage:</b> Test specification:	Testing according to customers specification for the following parameters: Tensile test, Alloy composition	
<b>Prüfergebnis:</b> Test result:	The test results are the measurements, stated in the test report.	
<b>geprüft: tested by:</b>	<b>kontrolliert: checked by:</b>	
		
2016-09-08 Sunny Hu /Senior Specialist	2016-09-08 Carl Chang /Department Manager	
<b>Datum</b> Date	<b>Name/Stellung</b> Name/Position	<b>Unterschrift</b> Signature
<b>Sonstiges/ Other Aspects:</b>		
Test period: 2016-07-13 – 2016-07-14 This test report supersedes test report no. 0114053186a 001.		For and on behalf of <b>WECAND ENTERPRISE CO., LTD.</b>  
<b>Abkürzungen:</b>	ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar	<b>Abbreviations:</b> ok / P = passed fail / F = failed n.a. / N = not applicable
<p><b>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.</b></p> <p><i>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.</i></p>		



**Produkte**  
Products

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

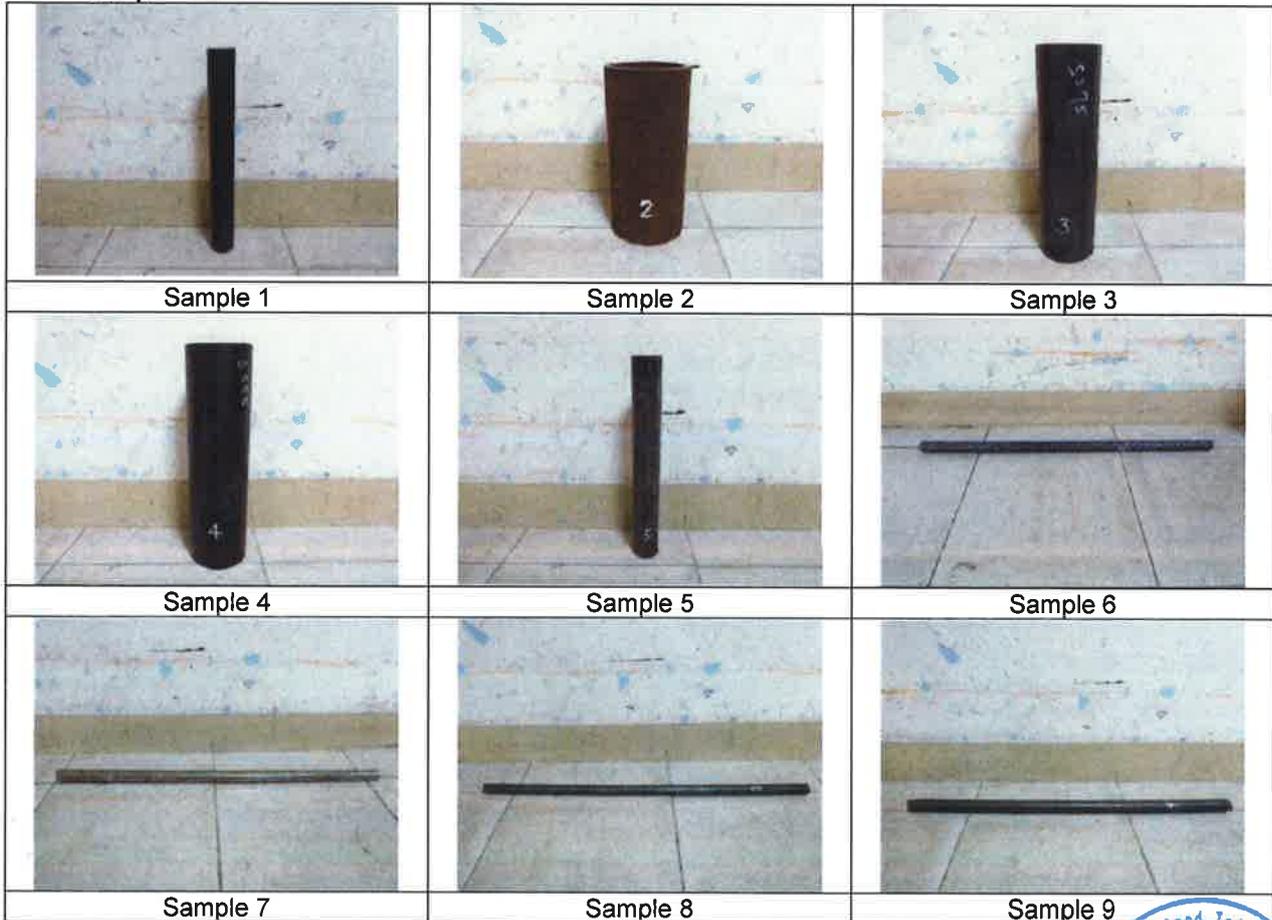
2016-09-08

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.

2/8

*Jason Tran*  
Authorized Signature(s)



**Produkte**  
Products

Test Report No. : 0114053186a 002 2016-09-08  
 Customer : WECAND Enterprise Co., Ltd.  
 Test Method : Tensile test – EN 10002-1:2001  
 Alloy compositions – ASTM E415-15 by Optical Emission Vacuum Spectrometer

Sample		1	2	Client's requirement
Item	Unit	Result	Result	
Yield Strength	MPa	392	285	≥235
Tensile	MPa	446	456	360-510
Elongation (GL = 80 mm)	%	31	37	≥24

Sample		1	Client's requirement
Item	Unit	Result	
C	%	0.153	≤0.17
Mn	%	0.342	≤1.4
P	%	0.014	≤0.04
S	%	0.005	≤0.04
N	%	-*	≤0.009
Si	%	0.013	-
Cu	%	0.012	-

\* out of the test instrument certified range

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

*Jason Tan*  
Authorized Signature(s)

