

Prüfbericht - Nr.: 16037779 005a <i>Test Report No.:</i>			Seite 1 von 5 <i>Page 1 of 5</i>		
Auftraggeber: <i>Client:</i>					
CONFIDENTIAL					
Gegenstand der Prüfung: Truss, Model: WTX 29 <i>Test item:</i>					
Bezeichnung: <i>Identification:</i>		Refer to Page 3		Serien-Nr.: N/A <i>Serial No.:</i>	
Wareneingangs-Nr.: <i>Receipt No.:</i>		Samples tested as received		Eingangsdatum: Dec. 21-22, 2011 <i>Date of receipt:</i>	
Prüfört: <i>Testing location:</i>		TÜV Rheinland (Guangdong) Ltd. No. 199 Kezhu Road, GuangZhou Science City, Guangzhou 510663, P.R. China			
Prüfgrundlage: <i>Test specification:</i>		Test according to requirements of client.			
Prüfergebnis: <i>Test Result:</i>		Refer to the test result pages			
Prüflaboratorium: <i>Testing Laboratory:</i>		TÜV Rheinland(Guangdong) Ltd			
geprüft/ tested by:			kontrolliert/ reviewed by:		
Jan. 09. 2012 Louie Gu/PE <i>Louie Gu</i>			09. Jan. 2012 <i>Shaobo Chen</i> Shaobo Chen/Reviewer		
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects:					
Test date: Dec. 21-22, 2011 Project No.: 173063914					
Abkürzungen: P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet			Abbreviations: P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested		
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.					

Prüfbericht - Nr.: 16037779 005a*Test Report No.:*

Seite 2 von 5

Page 2 of 5

Verwendete Meßgeräte/Prüfmittel / Measuring Equipment List

Gerät <i>Equipment</i>	Inventar-Nr. <i>Inventory no.</i>	nächste Kalibrierung <i>next calibration</i>
Electrical balance	1.041F	21.08.2012
Caliper	1.102A	16.11.2012
Tape	1.123	Initial calibration only

Prüfbericht - Nr.: 16037779 005a
Test Report No.:

Seite 3 von 5

Page 3 of 5

Samples description

1 model of aluminium triangle truss.

Aluminium triangle truss

Model: WTX 29 (connected by pin)

3 main tubes

Cross section: 290mm x 290mm

Main tube: Ø50 x 2mm

Auxiliary: Ø20 x 2mm

Brace tube: Ø20 x 2mm

Length	6m	9m	12m

For Aluminium Triangle Truss
Client's requirement:

Measure the sample's deflection under specified loads after 10 minutes. The ways in which the load applied are distributed placed or concentrated load.

Test method:

The sample is supported by two rigid frames at two ends to reach a certain span. The loads are then distributed placed or concentrated load on the sample and the deflections under these two supports are measured accordingly.

Test result:

Model: WTX 29

Span, m	Distributed load, kg	Deflection, mm	Concentrated load, kg	Deflection, mm
6	1000	72	600	69
9	900	149	500	170
12	600	237	300	206

Photo documentation
Model: WTX 29



6M - Distributed load 1000kg



6M - Concentrated load 600kg



9M - Distributed load 900kg



9M - Concentrated load 500kg



12M - Distributed load 600kg



12M - Concentrated load 300kg

Prüfbericht - Nr.: 16037779 005a
Test Report No.:

Seite 5 von 5
Page 5 of 5

Remark :

This test report does not evidence compliance of the provided sample with the relevant standard but only with the referred tests.

This test report documents the findings of examination conducted on the delivered product mentioned on page 1. This test report does not entitle to carry any safety mark on this or similar products. Further for sales or other application purposes of the tested product, any reference to TÜV Rheinland or a test through TÜV Rheinland is only permissible with prior written consent of TÜV Rheinland.

- END -