

Prüfbericht - Nr.: 16037779 002a <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, WCX 29 <i>Test item:</i>			
Bezeichnung: <i>Identification:</i>	Refer to Page 3	Serien-Nr.: <i>Serial No.:</i>	N/A
Wareneingangs-Nr.: <i>Receipt No.:</i>	Samples tested as received	Eingangsdatum: <i>Date of receipt:</i>	Dec. 21-22, 2011
Prüfart: <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.		
Prüfresultat: <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 Shaobo Chen/Reviewer <i>Shaobo Chen</i>	
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
Sonstiges/ Other Aspects:			
Test date: Dec. 21-22, 2011 Project No.: 173063914			
Abkürzungen:		Abbreviations:	
P(ass)	= entspricht Prüfgrundlage	P(ass)	= passed
F(ail)	= entspricht nicht Prüfgrundlage	F(ail)	= failed
N/A	= nicht anwendbar	N/A	= not applicable
N/T	= nicht getestet	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.			
<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>			

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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

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Samples description

1 model of aluminium square truss.

Aluminium square truss

Model: WCX 29 (connected by pin)

4 main tubes

Cross section: 290mm x 290mm

Main tube: Ø50 x 2mm

Auxiliary: Ø20 x 2mm

Brace tube: Ø20 x 2mm

Length	3m	6m	9m	12m

For Aluminium Square 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: WCX 29

Span, m	Distributed load, kg	Deflection, mm	Concentrated load, kg	Deflection, mm
3	1500	11	1000	9
6	1400	43	1000	45
9	1200	123	850	128
12	1000	219	500	215

Photo documentation
Model: WCX 29



3M - Distributed load 1500kg



3M - Concentrated load 1000kg



6M - Distributed load 1400kg



6M - Concentrated load 1000kg



9M - Distributed load 1200kg



9M - Concentrated load 850kg

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Photo documentation
Model: WCX 29



12M - Distributed load 1000kg



12M - Concentrated load 500kg

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.

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