





<b>Prüfbericht - Nr.:</b> 16037779 006a <i>Test Report No.:</i>		Seite 1 von 4 <i>Page 1 of 4</i>																			
<b>Auftraggeber:</b> <i>Client:</i>																					
CONFIDENTIAL																					
<b>Gegenstand der Prüfung:</b> Truss, model: WPX 29 <i>Test item:</i>																					
<b>Bezeichnung:</b> <i>Identification:</i>	Refer to Page 3	<b>Serien-Nr.:</b> <i>Serial No.:</i>	N/A																		
<b>Wareneingangs-Nr.:</b> <i>Receipt No.:</i>	Samples tested as received	<b>Eingangsdatum:</b> <i>Date of receipt:</i>	Dec. 21-22, 2011																		
<b>Prüfört:</b> <i>Testing location:</i>	TÜV Rheinland (Guangdong) Ltd. No. 199 Kezhu Road, GuangZhou Science City, Guangzhou 510663, P.R. China																				
<b>Prüfgrundlage:</b> <i>Test specification:</i>	Test according to requirements of client.																				
<b>Prüfergebnis:</b> <i>Test Result:</i>	Refer to the test result pages																				
<b>Prüflaboratorium:</b> <i>Testing Laboratory:</i>	TÜV Rheinland(Guangdong) Ltd																				
<b>geprüft/ tested by:</b>		<b>kontrolliert/ reviewed by:</b>																			
<p>Jan. 09, 2012    Louie Gu/PE    Louie Gu</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Datum</th> <th style="text-align: left; border-bottom: 1px solid black;">Name/Stellung</th> <th style="text-align: left; border-bottom: 1px solid black;">Unterschrift</th> </tr> <tr> <th style="text-align: left; font-size: 0.8em;">Date</th> <th style="text-align: left; font-size: 0.8em;">Name/Position</th> <th style="text-align: left; font-size: 0.8em;">Signature</th> </tr> </thead> <tbody> <tr> <td>Jan. 09, 2012</td> <td>Louie Gu/PE</td> <td>Louie Gu</td> </tr> </tbody> </table>		Datum	Name/Stellung	Unterschrift	Date	Name/Position	Signature	Jan. 09, 2012	Louie Gu/PE	Louie Gu	<p>09. Jan. 2012    Shaobo Chen/Reviewer</p> <div style="text-align: right; margin-bottom: 5px;">  </div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Datum</th> <th style="text-align: left; border-bottom: 1px solid black;">Name/Stellung</th> <th style="text-align: left; border-bottom: 1px solid black;">Unterschrift</th> </tr> <tr> <th style="text-align: left; font-size: 0.8em;">Date</th> <th style="text-align: left; font-size: 0.8em;">Name/Position</th> <th style="text-align: left; font-size: 0.8em;">Signature</th> </tr> </thead> <tbody> <tr> <td>09. Jan. 2012</td> <td>Shaobo Chen/Reviewer</td> <td></td> </tr> </tbody> </table>		Datum	Name/Stellung	Unterschrift	Date	Name/Position	Signature	09. Jan. 2012	Shaobo Chen/Reviewer	
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<b>Sonstiges/ Other Aspects:</b>																					
<p>Test date: Dec. 21-22, 2011 Project No.: 173063914</p>																					
<b>Abkürzungen:</b>		<b>Abbreviations:</b>																			
<p>P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet</p>		<p>P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested</p>																			
<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>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.</p>																					

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**Verwendete Meßgeräte/Prüfmittel / Measuring Equipment List**

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

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**Samples description**

1 model of aluminium ladder truss.

**Aluminium ladder truss**

Model: WPX 29 (connected by pin)

2 main tubes

Cross section: 290mm

Main tube: Ø50 x 2mm

Auxiliary: Ø20 x 2mm

Brace tube: Ø20 x 2mm

Length	5m	8m
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**For Aluminium Ladder 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.

**Test method:**

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

**Test result:**

Model: WPX 29

Span, m	Distributed load, kg	Deflection, mm
5	500	24
8	375	74

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**Photo documentation**  
**Model: WPX 29**



**5M - Distributed load 500kg**



**8M - Distributed load 375kg**

**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 -**