

Prüfbericht-Nr.: <i>Test report no.:</i>	CN234PMW 001	Auftrags-Nr.: <i>Order no.:</i>	170343089	Seite 1 von 7 Page 1 of 7
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2023.05.19	
Auftraggeber: <i>Client:</i>	ARTFOX Electronics Co., Ltd #Rom501, Area B, WanYang Science Park, No.1 Huangyong Industrial Avenue, Huanglong, Beijiao, Shunde District, Foshan, Guangdong.			
Prüfgegenstand: <i>Test item:</i>	Alumiun Stage Truss			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	Model no.: AF-34SQ Article no.: EN-6082-T6 Aluminum Alloy			
Auftrags-Inhalt: <i>Order content:</i>	Test report			
Prüfgrundlage: <i>Test specification:</i>	Loading test accroding to client's requirement			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2023.04.27			
Prüfmuster-Nr.: <i>Test sample no.:</i>	170339346 A001			
Prüfzeitraum: <i>Testing period:</i>	2023.04.27 - 2023.04.27			
Ort der Prüfung: <i>Place of testing:</i>	Foshan			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Siehe Sonstiges / See Other			
überprüft von: <i>reviewed by:</i> George Li Datum: 2023.06.02 <i>Date:</i>		genehmigt von: <i>authorized by:</i> Jason Ding Datum: 2023.06.02 <i>Date:</i>		
Stellung / Position:	Engineer	Stellung / Position:	Project Manager	
Sonstiges / Other:	1.Test result refer to page 4. 2.As per the client's request, this is additional report from reference report No. CN23RHAJ 001.Only report holder and product desription were differdent.			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
<p>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 only 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 test mark.</i></p>				

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Anmerkungen
Remarks

1	<p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfbedingungen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>
2	<p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.</p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</i></p>
3	<p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>
4	N/A.

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Produktbeschreibung
Product description

1	Produktdetails <i>Product details</i>	Alumimum truss
2	Maße / Gewicht <i>Dimensions / Weight</i>	Cross section: 290 x 290 mm Main tube: Φ 50 mm Auxiliary: Φ 20mm Length: 12 m
3	Bedienelemente <i>Operating elements</i>	/
4	Ausstattung / Zubehör <i>Equipment / Accessories</i>	/
5	Verwendete Materialien <i>Used materials</i>	Alumimum
6	Sonstiges <i>Other</i>	Test sample(s), as well sample information, description, product details and intended usage was provided by customer.
7	Prüfmusterbereitstellung: <i>Test sample obtaining:</i>	<input type="checkbox"/> Sending by customer <input type="checkbox"/> Sampling by TÜV Rheinland Group <input checked="" type="checkbox"/> others: on-site test

Product photo

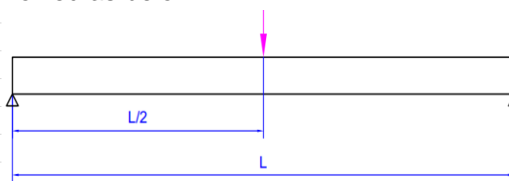
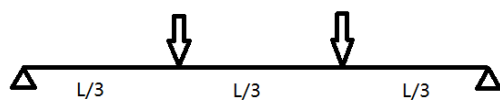


Product photo

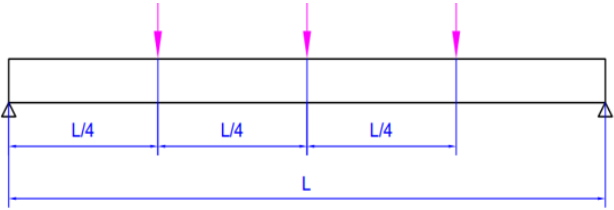
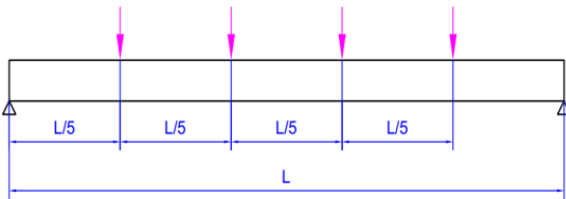


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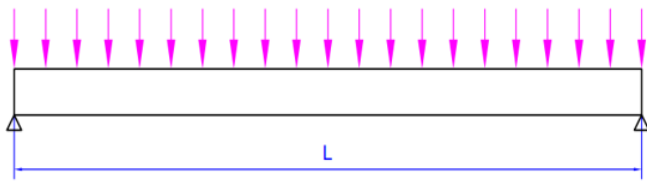
Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result
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1	<p>Center Point load : Client's requirement: Measure the sample's deflection under specified loads after 30 minutes. The ways in which the load applied are showed as below.</p>  <p>Test method: The sample is supported by two rigid frames at two ends to reach a certain span. The total loads as below are applied on the sample and the middle point deflections of two supports are measured accordingly.</p> <table border="1" data-bbox="271 974 949 1041"> <thead> <tr> <th>Span</th> <th>point load, kg</th> <th>Total load, kg</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>350 kg</td> <td>350</td> </tr> </tbody> </table>	Span	point load, kg	Total load, kg	12m	350 kg	350	<p>Test result:</p> <table border="1" data-bbox="973 694 1364 817"> <thead> <tr> <th>Span</th> <th>Deflection, mm</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>144</td> </tr> </tbody> </table> <p>No damage or collapse.</p>	Span	Deflection, mm	12m	144	
Span	point load, kg	Total load, kg											
12m	350 kg	350											
Span	Deflection, mm												
12m	144												
2	<p>Two Points load: Client's requirement: Measure the sample's deflection under specified loads after 30 minutes. The ways in which the load applied are showed as below.</p>  <p>Test method: The sample is supported by two rigid frames at two ends to reach a certain span. The total loads as below are applied on the sample and the middle point deflections of two supports are measured accordingly.</p> <table border="1" data-bbox="271 1624 949 1691"> <thead> <tr> <th>Span</th> <th>point load, kg</th> <th>Total load, kg</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>225</td> <td>450</td> </tr> </tbody> </table>	Span	point load, kg	Total load, kg	12m	225	450	<p>Test result:</p> <table border="1" data-bbox="973 1321 1364 1444"> <thead> <tr> <th>Span</th> <th>Deflection, mm</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>152</td> </tr> </tbody> </table> <p>No damage or collapse.</p>	Span	Deflection, mm	12m	152	
Span	point load, kg	Total load, kg											
12m	225	450											
Span	Deflection, mm												
12m	152												

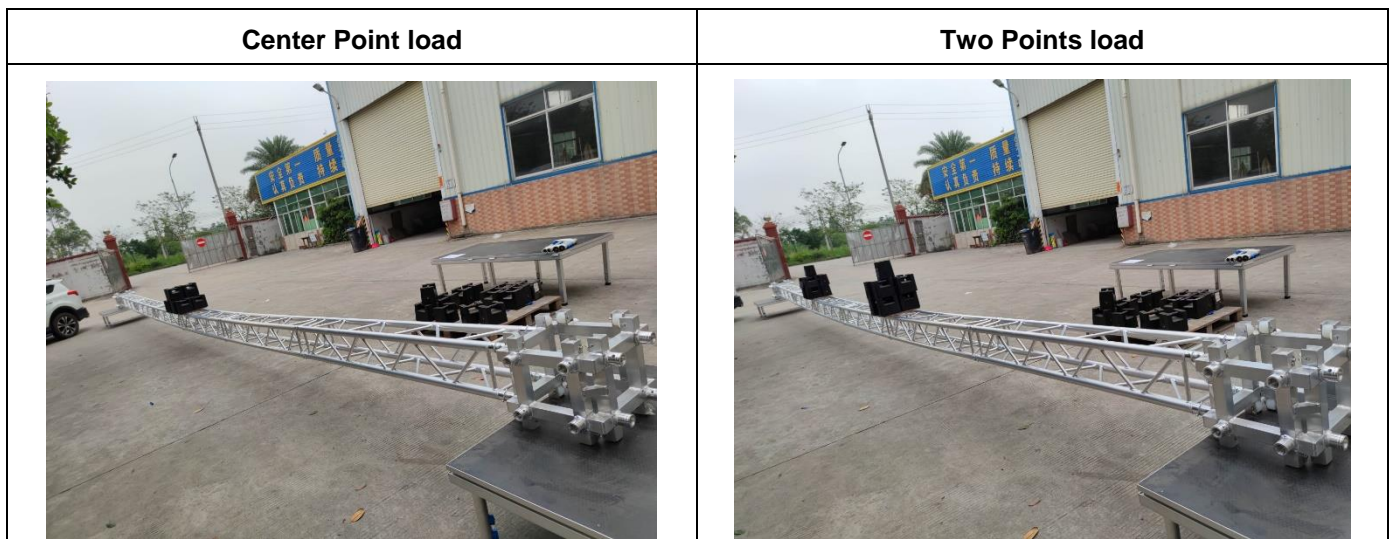
Prüfbericht-Nr.: CN234PMW 001
Test report no.:

Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result										
3	<p>Three Points load: Client's requirement: Measure the sample's deflection under specified loads after 30 minutes. The ways in which the load applied are showed as below.</p>  <p>Test method: The sample is supported by two rigid frames at two ends to reach a certain span. The total loads as below are applied on the sample and the middle point deflections of two supports are measured accordingly.</p> <table border="1" data-bbox="276 1032 949 1099"> <thead> <tr> <th>Span</th> <th>point load, kg</th> <th>Total load,kg</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>150</td> <td>450</td> </tr> </tbody> </table>	Span	point load, kg	Total load,kg	12m	150	450	<p>Test result:</p> <table border="1" data-bbox="976 752 1370 875"> <thead> <tr> <th>Span</th> <th>Deflection, mm</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>143</td> </tr> </tbody> </table> <p>No damage or collapse.</p>	Span	Deflection, mm	12m	143	
Span	point load, kg	Total load,kg											
12m	150	450											
Span	Deflection, mm												
12m	143												
4	<p>Four Points load: Client's requirement: Measure the sample's deflection under specified loads after 30 minutes. The ways in which the load applied are showed as below.</p>  <p>Test method: The sample is supported by two rigid frames at two ends to reach a certain span. The total loads as below are applied on the sample and the middle point deflections of two supports are measured accordingly.</p> <table border="1" data-bbox="276 1749 949 1816"> <thead> <tr> <th>Span</th> <th>point load, kg</th> <th>Total load,kg</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>125</td> <td>500</td> </tr> </tbody> </table>	Span	point load, kg	Total load,kg	12m	125	500	<p>Test result:</p> <table border="1" data-bbox="976 1469 1370 1592"> <thead> <tr> <th>Span</th> <th>Deflection, mm</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>155</td> </tr> </tbody> </table> <p>No damage or collapse.</p>	Span	Deflection, mm	12m	155	
Span	point load, kg	Total load,kg											
12m	125	500											
Span	Deflection, mm												
12m	155												

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Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result										
5	<p>Distributed load: Client's requirement: Measure the sample's deflection under specified loads after 30 minutes. The ways in which the load applied are distributed on the product respectively as below.</p>  <p>Test method: The sample is supported by two rigid frames at two ends to reach a certain span. The total loads as below are evenly distributed on the sample and the middle point deflections of two supports are measured accordingly.</p> <table border="1" data-bbox="276 1008 949 1072"> <thead> <tr> <th>Span</th> <th>load, kg/m</th> <th>Total load,kg</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>50</td> <td>600</td> </tr> </tbody> </table>	Span	load, kg/m	Total load,kg	12m	50	600	<p>Test result:</p> <table border="1" data-bbox="976 739 1370 862"> <thead> <tr> <th>Span</th> <th>Deflection, mm</th> </tr> </thead> <tbody> <tr> <td>12m</td> <td>157</td> </tr> </tbody> </table> <p>No damage or collapse.</p>	Span	Deflection, mm	12m	157	
Span	load, kg/m	Total load,kg											
12m	50	600											
Span	Deflection, mm												
12m	157												

Test photo:



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Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result
	Three Points load	Four Points load	
			
	Distributed load	-	
		-	

Remark:

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

*** End of test report ***

—END—