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**Technical Report No. 70.435.18.20677.01-00**

**Rev. 00**

**Dated 2018-06-07**

Client: Ningbo Chenfan Auto Accessories Co .Ltd.  
No.228 Chaosheng Road, Binhai Industrial Area, Longshan Town  
315311 Cixi  
PEOPLE'S REPUBLIC OF CHINA  
Attn: Mr. Andy Chen

Manufacturing place: Same as above

Test subject: Product: Rear bicycle carrier  
Model: TB-009A4

Test specification: EK5/AK6 12-02:2012 Clause 2.5

Purpose of examination: Test according to the test specification

Test result: The test results show that the presented product is in compliance with the specified requirements.

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## 1 Description of the test subject

### 1.1 Function

Manufacturer's specification for intended use:

*Rear mounted luggage rack systems, mounted on a towing hook.*

Manufacturer's specification for predictive misuse:

*Not provided.*

### 1.2 Consideration of the foreseeable misuse

- ☒ Not applicable
- ☐ Covered through the applied standard
- ☐ Covered by the following comment
- ☐ Covered by attached risk analysis

### 1.3 Technical Data

Model:	TB-009A4
Rated load (kg):	4×15=60
Net weight (kg):	19.0

## 2 Order

### 2.1 Date of Purchase Order, Customer's Reference

2018-05-21

### 2.2 Receipt of Test Sample, Location

2018-05-31, 1 pc per model, total 1 model

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### 2.3 Date of Testing

2018-05-31

### 2.4 Location of Testing

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## 2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

## 3 Test Results

Clause	Test requirement	Result	Rating
<b>EK5/AK6 12-02:2012</b>			
<b>2.5</b>	<b>Testing - Force against direction of drive</b> Minimum tensile force against driving direction by 0.6 m <sup>2</sup> area in relation to the air resistance surface. Application point of forces: center of the mass via the bicycle in the carrier. By using more bicycles in the center of mass of the rear bicycle. F [L] 1500 N  <b>Requirement - Force against direction of drive</b> After the test, neither the loading nor a part of the carrier were so deformed that the intended function is impaired.	Rated load: 60kg, Test load: 60kg, Assemble torque: 13 N.m  Test force: 1500N, No permanent deformation was found after test; no intended function is impaired.	Pass

## 4 Documentation

### PRODUCT PHOTO



## 5 Summary

The test specification(s) is (are) met.



TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch  
TÜV SÜD Group

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