

Technical Report No.: 70.128.19.873.07-01

Date: 2021-11-24

Client: KS Tools Werkzeuge-Maschinen GmbH
Seligenstädter Grund 10-12
63150 Heusenstamm
GERMANY

Manufacturing place: Changshu Tongrun Auto Accessory Co., Ltd.
New Longteng Industrial Park
Changshu Economic Development Zone
215500 Changshu City, Jiangsu Prov.
PEOPLE'S REPUBLIC OF CHINA

Test object: Product: Undercarriage trestles
Model: 160.0371

Test specification: EK5/AK6 18-03:2018
AfPS GS 2019:01 PAK

Purpose of examination:

- Testing for compliance with specified requirements to assess conformity with the German Product Safety Act - ProdSG
- Testing and evaluation according to the test specification
- The co-license certificate application is based on the following main license certificate:
Certificate No.: Z1A 023747 0314 Rev. 01
Report No.: 704351802632-01
License holder: Changshu Tongrun Auto Accessory Co., Ltd.
Model No.: T46001C

Test result: The test results show that the presented product is in compliance with the specific requirements.
Requirements of AfPS GS 2019:01 PAK have been evaluated and found to be met by evaluation and/or relevant test.

Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question. It does not imply a general statement regarding the quality of products from regular production. For further details please see testing and certification regulation, chapter A-3.4.

1. Description of the test object

1.1 Picture(s)

Refer to CDF 70.128.19.873.07-01

1.2 Function

Manufacturer's specification for intended use:
Axle stands are used for securing lifted vehicles.

Manufacturer's specification for predictive use:
Do not load on the axle stands over the rated capacity.

1.3 Consideration of the foreseeable use

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

1.4 Technical Data

Refer to CDF_70.128.19.873.07-01

Remark:

Model	is identical with	Model	in Main certificate No. Z1A 023747 0314 Rev. 01
160.0371		T46001C	

2. Order

2.1 Date of Purchase Order, Customer's Reference

- 2021-09-13

2.2 Test Sample(s)

- Reception date(s): 2021-09-13
- Location(s) of reception: No.1999, Du Hui Road, Shanghai 201108, P. R. China

2.3 Date(s) of Testing 2021-09-13 to 2021-10-30

2.4 Location(s) of Testing No.1999, Du Hui Road, Shanghai 201108, P. R. China

2.5 Points of Non-Compliance or Exceptions of the Test Procedure

- None

3. Test Results

- "Decision rule for an upper specification limit (A lower limit or specification with an upper and a lower limit is treated similarly.):
 - Compliance with the requirement: If a specification limit is not breached by a measurement result plus the expanded uncertainty with a 95% coverage probability, then compliance with the specification will be stated (e.g. Pass).

3.1 Positive Test Results

Test specification(s)	Report no. / Rev. No.	Date	Remark
Mechanical safety:	70.435.18.026.32-01	2021-08-12	/
PAH:	70.435.20.22383.01-00	2021-01-08	/

Construction check

	Claimed		Actual	
Model:	160.0371		160.0371	
Type:	O	N	O	N
Rated load (kg):	6000	6000	6000	6000
Saddle (mm):	32×100	31×93	32×100	31×93
Base (mm):	250×285	250×285	250×285	250×285
Min. support height (mm):	382	388	382	388
Max. support height (mm):	600	580	600	580
Support foot (mm):	68.5×68.5	68.5×68.5	68.5×68.5	68.5×68.5
Net weight(kg):	7.0	6.8	7.0	6.8

Clause	Requirement + Test	result – Remark	Verdict
4.4.3	<p>Samples from 4.4.2 are used for testing. Jack stands with hitch pin: the pin has to be placed acc. instruction manual, but in the most adverse position. Test procedure: - apply without jerk 2,5times of nominal load for 60min Criteria for pass-result - At 2,5times nominal load deformation is allowed, as far as the applied load is born safely</p>	<p>Nominal load:6000kg 2.5 × nominal load:15000kg Duration: 60mins After test, deformation was found, the test load could be hold.</p>	P

3.2 Points of Non-Compliance according to the test specification

- None

4. Remarks

4.1 General

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

4.2 Factory surveillance cycle

Your production facility is currently on a

- Annual (12 month)
 - Bi-Annual (6 month)
 - Quarterly (3 month)
- surveillance cycle.

4.3 Additional information for routine tests to be performed by the factory(ies)

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5. Documentation

File	File name	Date
Data form (CDF):	70.128.19.873.07-01	2021-11-23

6. Summary

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

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Hardlines-MES

Tested by:



Kang Xu (Trainee)



Ning Zhu (Trainer)

Project handler

Approved by:

Qiang Sun

Project reviewer