

APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE FOR PRIVATE CARS

ACCORDING TO ECE REGULATION No.30, 02 SERIES OF AMENDMENTS

1. Trade mark on the tyre : HAIDA, mileking, MAZZINI
2. Tyre type designation by the manufacturer : HD617, mk617, SNOW LEOPARD
3. Manufacturer's name and address : SICHUAN TYRE & RUBBER CO., LTD.
No. 568, Chuanxiang Road, Yangma Town,
Jianyang City, Sichuan Province 641402,
P.R. China
4. If applicable, name and address of
manufacturer's representative : not applicable
5. Summarised description
 - 5.1. Tyre size designation : 175/70R13
 - 5.2. Category of use : ~~normal~~/ snow/~~temporary use~~
 - 5.3. Structure : ~~diagonal~~/~~bias belted~~/radial
 - 5.4. Speed category symbol : T
 - 5.5. Load-capacity index : 82
6. Overall dimensions : ~~Annex~~/ ETRTO/~~calculated~~
 - overall section width : 177
 - outer diameter : 576
7. Factor 'x' : 0.7
8. Ply-rating number for diagonal (bias ply) tyres : not applicable
9. Rims on which the tyre can be mounted : 5.00B
10. Measuring rim and test rim : see attached test report
11. State whether the tyre is : tubeless / tube type
12. State whether the tyre is : standard / reinforced /
~~T type temporary use spare tyre~~
13. Submitted for approval on (date) : February 20, 2017

We herewith declare that we have not applied and will not apply for approval with another Contracting Party of the ECE for the same type of product.

MANUFACTURER'S STAMP

approval with
Signature: 

Name: Anyun Jing

THIS APPLICATION IS ACCOMPANIED BY:

- Application form, relating to ECE approval for pneumatic tyre pursuant Regulation No.30
- A drawing of the tyre's side walls, tread and dimensioned cross section.
- The test report.



THE NETHERLANDS
(N E D E R L A N D)**COMMUNICATION**Concerning ⁽¹⁾:

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of pneumatic tyre for motor vehicles pursuant to Regulation number 30

Approval number: E4-30R-02100909**Extension number: 00**

1. Manufacturer's name and address : Sichuan Tyre & Rubber Co., Ltd.
No. 568, Chuanxiang Road, Yangma Town,
Jiangyang City, Sichuan Province, China
2. Tyre type designation⁽²⁾
 - 2.1. Brand-name(s) or trade mark(s) : HAIDA, mileking, MAZZINI
 - 2.2. Trade description(s)/ Commercial name(s) : HD617, mk617, SNOW LEOPARD
3. If applicable, name and address of the manufacturer's representative : not applicable
4. Summarized description:
 - 4.1. Tyre size designation : 175/70R13
 - 4.2. Category of use : ~~normal~~/snow/~~special use~~/temporary use⁽¹⁾
 - 4.3. Structure : ~~diagonal/bias belted~~/radial/~~run flat~~ tyre⁽¹⁾
 - 4.4. Speed category symbol: : T
 - 4.5. Load-capacity indices: : 82

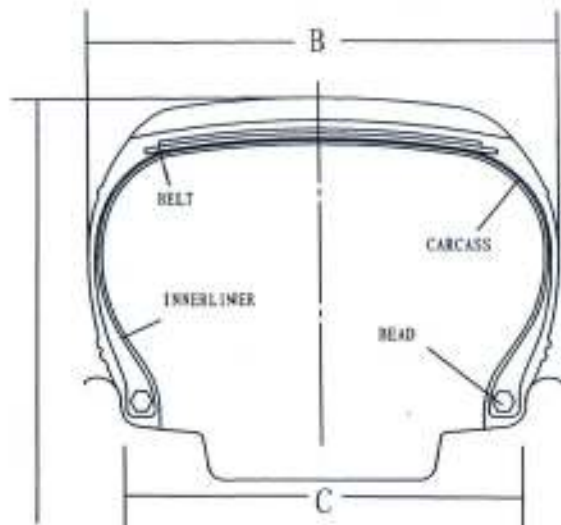
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV Rheinland Kraftfahrt GmbH
Technologiezentrum Verkehrssicherheit
Am Grauen Stein
D-51105 Köln
6. Date of report issued by that service : March 10, 2017
7. Number of report issued by that service : 89-R30-133/17-00
8. Reason(s) for extension (if applicable) : ---
9. Any remarks : ---
10. Place : Zoetermeer
11. Date : 23-MAR-2017
12. Signature :



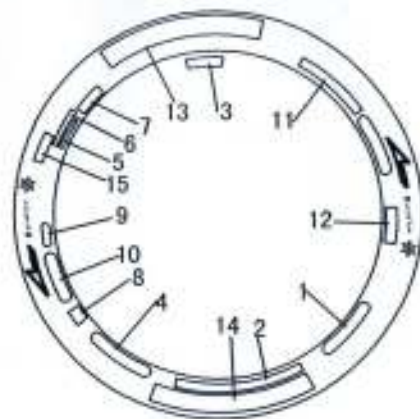
13. The list of documents in the approval file which are deposited at the administrative service having delivered the approval and which can be obtained upon request.
- Application form relating to ECE approval for a pneumatic tyre pursuant to Regulation number 30.
 - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
 - The test report as mentioned in item 8.

(1) Strike out what does not apply.

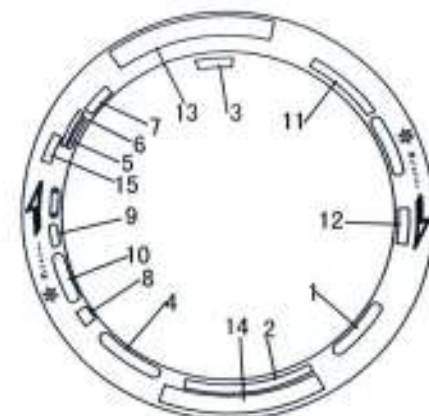
(2) A list of Brand name(s)/trademark(s) or Trade description(s)/ Commercial name(s) may be annexed to this communication.



PROJECTION



TOP SIDEWALL



BOTTOM SIDEWALL



HD617/mk617/SNOW LEOPARD

1	MAX. LOAD 475kg(1047lbs) AT 300kPa(44psi) COLD
2	⚠ WARNING: TIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING—FOLLOW OWNER'S MANUAL EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING ONLY SPECIALLY TRAINED PERSONS SHOULD MOUNT TIRES
3	MADE IN CHINA
4	TREAD:POLYESTER 1 + STEEL 2 SIDEWALL:POLYESTER 1
5	STANDARD RIM 5.00B
6	STEEL BELTED RADIAL
7	TUBELESS
8	 F000053
9	DOT 33A1 **** (****—DATE CODE)
10	 ***** (ECE APPROVAL MARK & APPROVAL No.)
11	175/70R13 82T
12	 M+B
13	 HAIDA OR mileking OR  MAZZINI
14	HD617 OR mk617 OR SNOW LEOPARD
15	STUDLESS



175/70R13	82	T	576	177	127
TIRE SIZE	LOAD INDEX	SPEED SYMBOL	A (mm)	B (mm)	C (mm)

DRAWN BY 唐璐 CHECKED BY 余萍 APPROVED BY 何建刚

SICHUAN TYRE & RUBBER Co., Ltd

Manufacturer : Sichuan Tyre & Rubber Co., Ltd.
Type : 175/70R13

TEST REPORT

according to UNECE-Regulation

**Uniform provisions concerning the approval of
pneumatic tyres for motor vehicles and their trailers**

ECE-R30

including all amendments until
Amend.02, Suppl. 18

Approval Status

UNECE approval : E4-30R-02100909 Ext. 00

Structure of the Test Report

Item No.

0. General information
 1. Tested vehicle(s) / object(s)
 2. Test record
 3. List of appendices
 4. Statement of conformity
-

The Test Report shall be reproduced and published in full by the client only. It shall however be reproduced partially with the written permission of the Testing Laboratory only.



Manufacturer : Sichuan Tyre & Rubber Co., Ltd.
Type : 175/70R13

0. General Information

- 0.1. Make (trade name of the manufacturer) : Sichuan Tyre & Rubber Co., Ltd.
 0.2. Type : 175/70R13
 0.3. Category of vehicle : Not applicable
 0.4. Name and address of the manufacturer : Sichuan Tyre & Rubber Co., Ltd.
 No. 568, Chuanxiang Road, Yangma Town, Jianyang City, Sichuan Province, China
 0.5. No. of the information folder : Not applicable
 -Date of issue : ---
 -Date of last change : ---

1. Tested ~~vehicle(s)~~ / object(s)

- 1.1. Description
 1.1.1. ~~Vehicle~~ / object
 Commercial description : Not applicable
 Type(s) / ~~variant(s)~~ / ~~version(s)~~ : 175/70R13
 Identificationnumber : See Appendix 1
 1.1.2. Condition of ~~vehicle(s)~~ / Object(s) : New / ~~used~~ / ~~pretested~~
 1.2. Worst case selection : The determination of the worst case was done according to internal procedures of the Technical Service (QMA 1.301.005, section 6.2.2.2.).
 1.3. Remarks : Not applicable



Manufacturer : Sichuan Tyre & Rubber Co., Ltd.
Type : 175/70R13

2. Test record

2.1. Equipment for measuring and testing : The test facilities / measurement equipment used were in compliance with the test requirements

2.1.1. Specifications for the test site : Not applicable

2.1.2. Subcontracting : Not applicable

2.2. Test results : See Appendix 1

According to Paragraph 6. and 7. of the UNECE-R30

2.2.1. Test results referring to measurements : Pass / Fail

2.2.2. Attributive tests : Not applicable

2.2.3. Alternative test provisions : Not applicable

Remarks concerning extension

~~The type has been tested according to the modification(s) mentioned in appendix 0.~~

~~The new parts meet the requirements of the regulation.~~

~~An actual practical test of the type was not necessary. The results of the previous test(s) are still valid.~~

2.3. Additional information : The results of the test refer exclusively to the object(s) mentioned under point 1. of this report.

Test site

: Sichuan Tyre & Rubber Co., Ltd.
No. 568, Chuanxiang Road, Yangma Town, Jianyang City, Sichuan Province, China

Test date

: February 13-17, 2017

2.4. Remarks

: Not applicable



Manufacturer : Sichuan Tyre & Rubber Co., Ltd.
Type : 175/70R13

3. List of Appendices

Appendix 0 : List of modifications
Appendix 1 : Test minutes

4. Statement of conformity

The in point 0.5. mentioned information folder and the type described in that comply with the requirements mentioned on page 1.

With regard to the required level of performance to be achieved, the tested items were representative for the type to be approved (see point 1.2).

The mentioned test results refer to the ~~vehicle(s)~~ object(s) described under point 1.1 of this report.

Engineering centre Shanghai / March 10, 2017

FHW



Hongwei Feng
Expert Technical Service





Manufacturer : Sichuan Tyre & Rubber Co., Ltd.
Type : 175/70R13

List of modifications

Appendix 0

Correction of : ---

Modification of : ---

Addition of : ---

Deletion of : ---



Manufacturer : Sichuan Tyre & Rubber Co., Ltd.
Type : 175/70R13

Test minutes**Appendix 1**

1. Test data
 - 1.1. Object markings

Trade name or mark	: HAIDA
Tyre type designation	: HD617
Plies of Tread / Sidewall	: POLYESTER 1+STEEL 2 / POLYESTER 1
Tyre size designation	: 175/70R13
Category of use	: Snow
Structure	: Radial
Speed category	: T
Load-Capacity Indices(L.I.)	: 82
Word in case of without inner tube	: Tubeless
Word in case of reinforced tyre	: Standard
Date of manufacture	: 3016
 - 1.2. Dimension measurement according to Annex 6

Measuring rim	: 5.00 B
Inflation pressure after mounting on measuring rim	: 3.2 bar
Inflation pressure before conditioning	: 1.8 bar
Conditioning of tyre	: more than 24 hours
Inflation pressure after conditioning	: 1.8 bar
Overall width at six equally spaced points	
1. 176.1 mm	4. 176.2 mm
2. 176.2 mm	5. 176.3 mm
3. 176.3 mm	6. 176.2 mm
Max.: 176.3 mm	
Height of six equally spaced tread wear indicators	
1. 1.9 mm	4. 1.8 mm
2. 1.9 mm	5. 1.9 mm
3. 2.0 mm	6. 1.9 mm
Max.: 2.0 mm	



Manufacturer : Sichuan Tyre & Rubber Co., Ltd.
Type : 175/70R13

Circumference : 1804mm
 Outer diameter : 574.2 mm
 Tread depth / void to fill ratio in case of special use tyre : Not applicable

1.3. Load/speed performance test according to Annex 7

Diameter of test drum : 1.707 m
 Test rim : 5.00 B
 Inflation pressure before conditioning : 2.8 bar
 Conditioning of tyre : more than 3 hours
 Test-room temperature : 26°C
 Inflation pressure (readjusted after conditioning) : 2.8 bar
 Circumference before testing : 1804 mm
 Outer diameter : 574.2 mm
 80% load corresponding to L.I.(single) : 380.0 kg

Step	Step-Duration [min]	Total Duration [min]	Actual speed (km/h)
1.	10	10	0-150
2.	10	20	150
3.	10	30	160
4.	10	40	170
5.	20	60	180

Conditioning after testing at test-room temperature : More than 6 hours

Circumference after conditioning, after testing : 1808 mm

Outer diameter : 575.5 mm

Difference outer diameter before and after testing (max. 3.5 %) : 1.3 mm
 : 0.2 %

Inspection after test : The tyre does not exhibit tread separation, ply separation, cord separation, chunking or broken cords.

2. Remarks : ---

