

**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- ~~approval withdrawn~~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-0270520**Extension number: 05**

1. Manufacturer's name and address : Shandong Fengyuan Tire Manufacturing Co., Ltd.
No.1, South Ring Road, Yicheng Economic
Development Zone, Zaozhuang City, Shandong
Province, 277300 China
2. Tyre type designation⁽²⁾
 - 2.1. Brand-name(s) or trade mark(s) : UNIGRIP
 - 2.2. Trade description(s)/ Commercial name(s) : SPORTAGE PRO

3. If applicable, name and address of the manufacturer's representative : not applicable
4. Summarised description
- 4.1. Tyre size designation : 215/65R16
- 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 : H
- 4.5. Load-capacity index : 98
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV Rheinland Kraftfahrt GmbH
Technologiezentrum Verkehrssicherheit
Typprüfstelle Fahrzeuge/Fahrzeugteile
Am Grauen Stein
D-51105 Köln (Poll)
6. Date of report issued by that service : October 25, 2017
7. Number of report issued by that service : 86-R30-3204/17-00
8. Reason(s) of extension (if applicable) : Addition of trade marks and trade descriptions
9. Any remarks : ---
10. Place : Zoetermeer
11. Date : 07-NOV-2017
12. Signature :

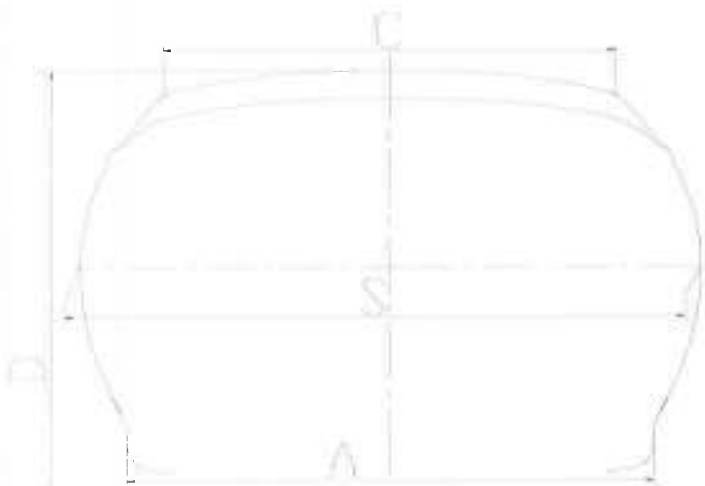


13. The list of documents in the approval file which are deposited at the administrative service having delivered the approval and which can be obtained upon request.
- Application form relating to ECE approval for a pneumatic tyre pursuant to Regulation number 30.
 - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
 - The test report as mentioned in item 7.

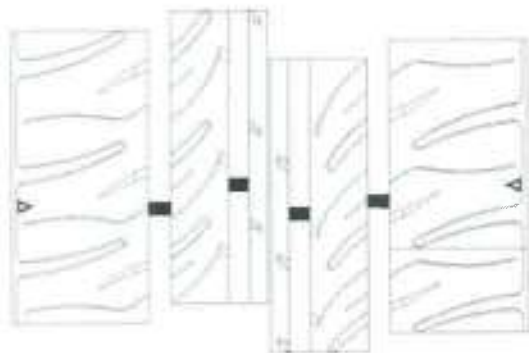
(1) Strike out what does not apply.

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

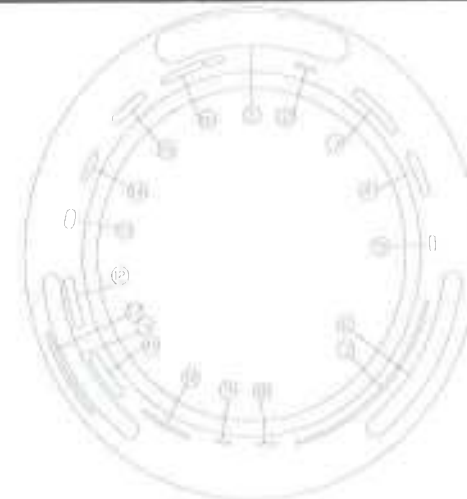
PROJECTION



PATTERN

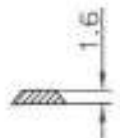
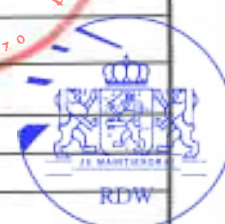


UPPER MOLD



LOWER MOLD

| | |
|----|--|
| 1 | FARROAD; SAFERICH; FULLWAY; AUTOGRIP; UNIGRIP; EVERMAX; HAWKSTAR; ROADSHINE; GOLDPARTNER; SKYFIRE; ODYKING; BONANZA; SPORTRAK; VIZZONI; GCTYRES; INTERTRAC; ICC; DELMAX; <u>NEUTON</u> |
| 2 | RADIAL TUBELESS |
| 3 | 215/65R16 |
| 4 | 98H |
| 5 | M+S |
| 6 | FRD15; FRC16; FW220; GRIP400; SPORTAGE PRO; Active cruise AF1; EF100; RS928; GP328; SK528; <u>UD</u> ;66; F201; SP716; VZ161; GC200; TC515; V312; ULTIMATOUR; <u>NT 511</u> |
| 7 | SAFETY WARNING: *** ** * |
| 8 | MBH:XX-XX |
| 9 | RIM:6½J |
| 10 | MADE IN CHINA |
| 11 | MAX. LOAD 750 kg (1653 LBS) MAX. PRESS 300 kPa (44 PSI) |
| 12 | TREAD: 2 POLYESTER + 2 STEEL + 1 NYLON SIDEWALL: 2 POLYESTER |
| 13 | CCC |
| 14 | ***** (ECE APPROVAL MARK & APPROVAL NO.) |
| 15 | |
| 16 | DOT LBBR KAC(****DATE CODE) (Lower) DOT LBBR KAC (Upper) |
| 17 | TREADWEAR 380 TRACTION A TEMPERATURE A |



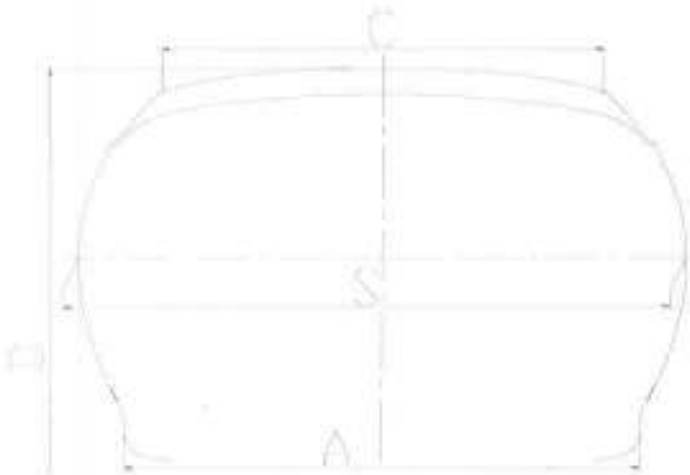
TOLERANCE FROM -0 TO +0.6

| TIRE | ZE | LOAD INDEX | SPEED SYMBOL | TYPE | D (mm) | S (mm) | A (mm) | C (mm) | SIKD DEPTH (mm) |
|------|----|------------|--------------|------|--------|--------|--------|--------|-----------------|
| 215 | 65 | 98 | H | TL | 686 | 221 | 165 | 168.8 | 8.0 |

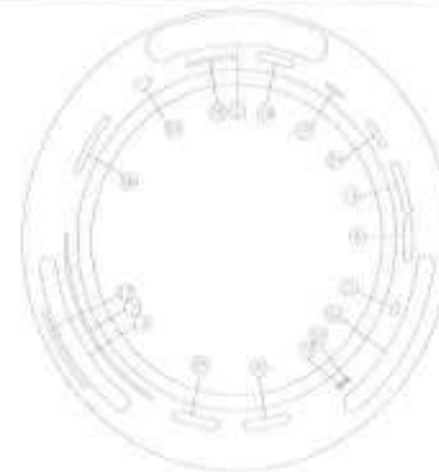
DRAWN BY Guo Ping CHECKED BY Kong dong dong APPROVED BY Kangsheng

Shandong Fengyuan Tire Manufacturing Co., Ltd.

PROJECTION

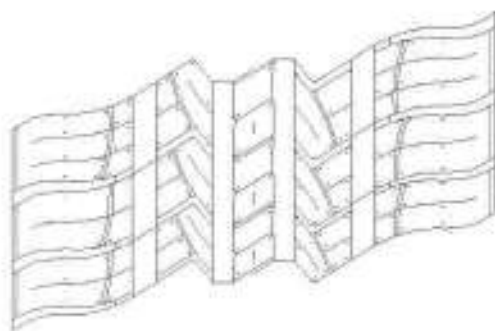


UPPER MOLD





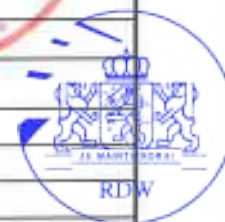
LOWER MOLD

PATTERN



TOLERANCE FROM -0 TO +0.6

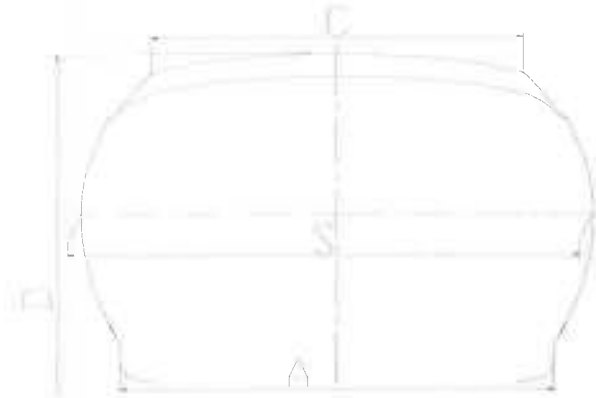
| 1 | ARROAD; SAFERICH; FULLWAY; UNIGRIP; EVERMAX; HAWKSTAR; ROADSHINE; GOLDPARTNER; SKYFIRE; ODYKING; BONANZA; SPORTRAK; VIZZONI; GCTYRES; INTERTRAC; DELMAX; <u>NEUTON</u> | | | | | | | | | | | | | | | | | | |
|-----------|--|--------------|------------|--------------|-------|-------|-------|-----------------|-------|-----------------|-----------|----|---|----|-----|-----|-----|-----|-----|
| 2 | RADIAL TUBELESS | | | | | | | | | | | | | | | | | | |
| 3 | 215/65R16 | | | | | | | | | | | | | | | | | | |
| 4 | 98H | | | | | | | | | | | | | | | | | | |
| 5 | M+S | | | | | | | | | | | | | | | | | | |
| 6 | FRD66; FRC66; FW280; SPORTAGE H/T; Active cruise AF3; EF600; RS904; GP304; SK504; OD666; F203; SP766; VZ661; GC400; TC565; <u>UTILITYPRO</u> ; <u>NT 531</u> | | | | | | | | | | | | | | | | | | |
| 7 | SAFETY WARNING: | | | | | | | | | | | | | | | | | | |
| 8 | MBH:XX-XX | | | | | | | | | | | | | | | | | | |
| 9 | RIM:6½J | | | | | | | | | | | | | | | | | | |
| 10 | MADE IN CHINA | | | | | | | | | | | | | | | | | | |
| 11 | MAX. LOAD 750kg (1653 LBS) MAX. PRESS 300 kPa (44 PSI) | | | | | | | | | | | | | | | | | | |
| 12 | TREAD: 2 POLYESTER + 2 STEEL + 1 NYLON SIDEWALL: 2 POLYESTER | | | | | | | | | | | | | | | | | | |
| 13 | CCC | | | | | | | | | | | | | | | | | | |
| 14 |  ***** (ECE APPROVAL MARK & APPROVAL NO.) | | | | | | | | | | | | | | | | | | |
| 15 |  | | | | | | | | | | | | | | | | | | |
| 16 | DOT LBNU KCA(****DATE CODE) (Lower) DOT LBNU KCA(Upper) | | | | | | | | | | | | | | | | | | |
| 17 | TREADWEAR 440 TRACTION A TEMPERATURE A | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>TIRE SIZE</th> <th>LOAD INDEX</th> <th>SPEED SYMBOL</th> <th>TYPE</th> <th>D(mm)</th> <th>S(mm)</th> <th>A(mm)</th> <th>C(mm)</th> <th>SIKD DEPTH (mm)</th> </tr> </thead> <tbody> <tr> <td>215/65R16</td> <td>98</td> <td>H</td> <td>TL</td> <td>686</td> <td>221</td> <td>165</td> <td>168</td> <td>8.5</td> </tr> </tbody> </table> | TIRE SIZE | LOAD INDEX | SPEED SYMBOL | TYPE | D(mm) | S(mm) | A(mm) | C(mm) | SIKD DEPTH (mm) | 215/65R16 | 98 | H | TL | 686 | 221 | 165 | 168 | 8.5 |
| TIRE SIZE | LOAD INDEX | SPEED SYMBOL | TYPE | D(mm) | S(mm) | A(mm) | C(mm) | SIKD DEPTH (mm) | | | | | | | | | | | |
| 215/65R16 | 98 | H | TL | 686 | 221 | 165 | 168 | 8.5 | | | | | | | | | | | |



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Shandong Fengyuan Tire Manufacturing Co., Ltd.

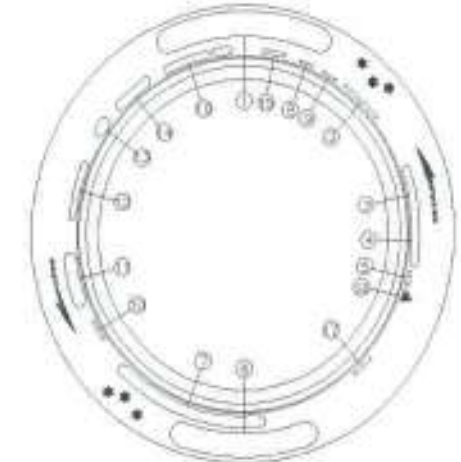
PROJECTION



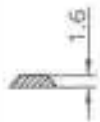
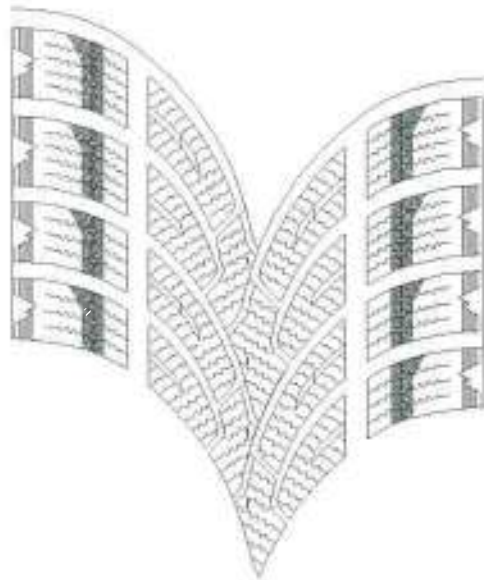
PATTERN



UPPER MOLD



LOWER MOLD



TOLERANCE FROM -0 TO +0.2

| | |
|----|---|
| 1 | FARROAD; SAFERICH; UNIGRIP; EVERMAX; HAWKSTAR; ROADSHINE; GOLDPARTNER; SKYFIRE; ODYKING; BONANZA; SPORTRAK; INTERTRAC |
| 2 | RADIAL TUBELESS |
| 3 | 215/65R16 |
| 4 | 98H |
| 5 | M+S |
| 6 | FRD76; FR76; SPORTAGE WINTER; Active cruise AF5; EP700; RS930; GP330; SK530; OD766; F202; SP776; TC575 |
| 7 | SAFETY WARNING: *** ** |
| 8 | MSH XX-XX |
| 9 | RIM:6½J |
| 10 | MADE IN CHINA |
| 11 | MAX. LOAD 750 kg (1653 LBS) MAX. PRESS 300 kPa (44 PSI) |
| 12 | TREAD: 2 POLYESTER + 2 STEEL + 1 NYLON SIDEWALL: 2 POLYESTER |
| 13 | CCC |
| 14 | E4 ***** (ECE APPROVAL MARK & APPROVAL NO.) |
| 15 | STUDLESS |
| 16 | DOT LBBR KEA (****DATE CODE) (Lower) DOT LBBR KEA (Upper) |
| 17 | SILICA |
| 18 | |

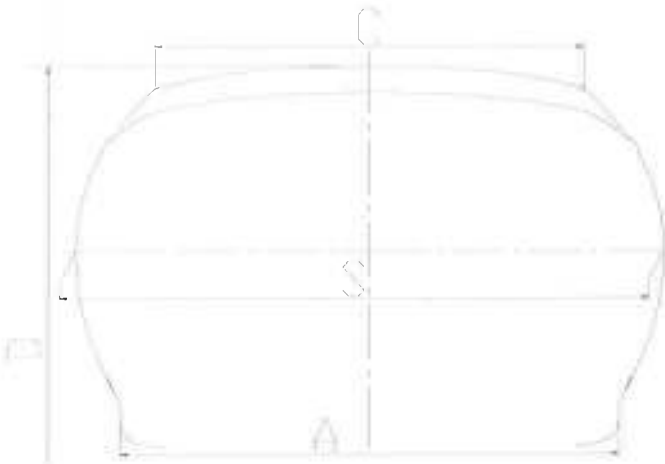


| TIRE SI/E | LOAD INDEX | SPEED SYMBOL | TYPE | D (mm) | S (mm) | A (mm) | C (mm) | SIKD DEPTH (mm) |
|-----------|------------|--------------|------|--------|--------|--------|--------|-----------------|
| 215/65R16 | 98 | H | TL | 686 | 221 | 165 | 174.2 | 8.5 |

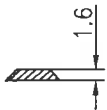
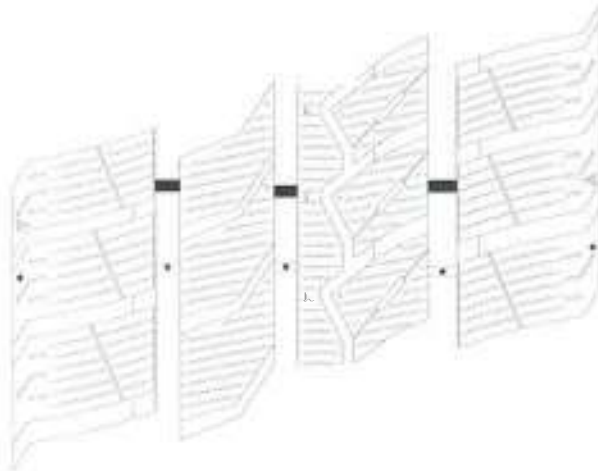
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Shandong Fengyuan Tire Manufacturing Co., Ltd.

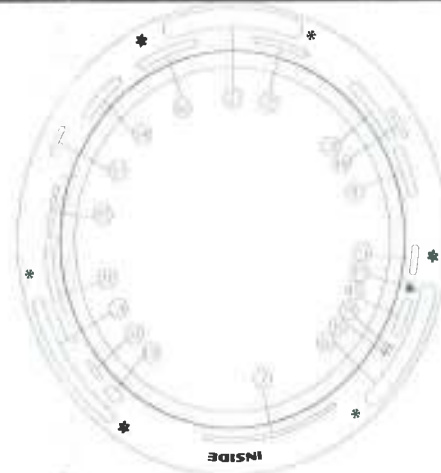
PROJECTION



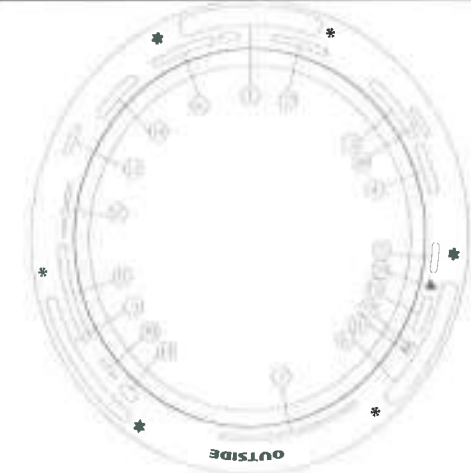
PATTERN



TOLERANCE FROM -0 TO +0.6



UPPER MOLD



LOWER MOLD

| | |
|----|--|
| 1 | FARROAD; SAFERICH; FULLWAY; EVERMAX; ROADSHINE; GOLDPARTNER; SKYFIRE; SPORTRAK; INTERTRAC |
| 2 | RADIAL TUBELESS |
| 3 | 215/65R16 |
| 4 | 98H |
| 5 | M+S |
| 6 | FRD79; FRC79; FW790; Active cruise AF10; RS917; GP317; SK517; SP779; TC SNOWPAW |
| 7 | SAFETY WARNING: --- --- --- --- |
| 8 | MBH:XX-XX |
| 9 | RIM:6½J |
| 10 | MADE IN CHINA |
| 11 | MAX. LOAD 750 kg (1653 LBS) MAX. PRESS 300 kPa (44 PSI) |
| 12 | TREAD: 2 POLYESTER + 2 STEEL + 1 NYLON SIDEWALL: 2 POLYESTER |
| 13 | CCC |
| 14 | E4 ***** (ECE APPROVAL MARK & APPROVAL NO.) |
| 15 | |
| 16 | DOT LBBR KED(****DATE CODE) (Lower) DOT LBBR KED (Upper) |
| 17 | STUDLESS |
| 18 | SILICA |
| 19 | |

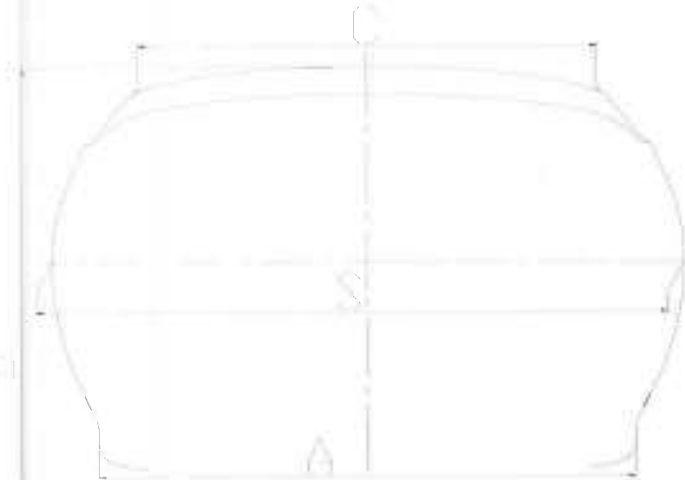


| TIRE SIZE | LOAD INDEX | SPEED SYMBOL | TYPE | D(mm) | S(mm) | A(mm) | C(mm) | SIKD DEPTH (mm) |
|-----------|------------|--------------|------|-------|-------|-------|-------|-----------------|
| 215/65R16 | 98 | H | TL | 686 | 221 | 165 | 174.2 | 8.5 |

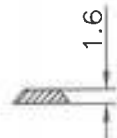
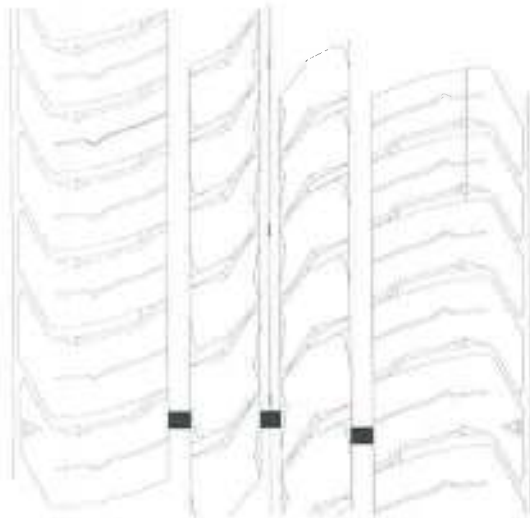
DRAWN BY *Guo Jing* CHECKED BY *Fengdong* APPROVED BY *Wang*

Shandong Fengyuan Tire Manufacturing Co., Ltd.

PROJECTION



PATTERN



TOLERANCE FROM -0 TO +0.6

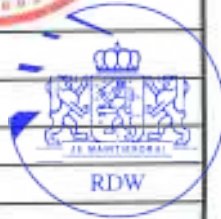


UPPER MOLD



LOWER MOLD

| | | | | | | | | | |
|----|---|------------|--------------|------|-------|-------|-------|-------|-----------------|
| 1 | FARROAD; SAFERICH; SPORTRAK; INTERTRAC; <u>NEUTON</u> ; YEADA | | | | | | | | |
| 2 | RADIAL TUBELESS | | | | | | | | |
| 3 | 215/65R16 | | | | | | | | |
| 4 | 98H | | | | | | | | |
| 5 | M+S | | | | | | | | |
| 6 | <u>YDA-216; FRD216; FRC216; SP7216; TC516; NT516</u> | | | | | | | | |
| 7 | SAFETY WARNING: * * * * * | | | | | | | | |
| 8 | MBH:XX-XX | | | | | | | | |
| 9 | RIM:6½J | | | | | | | | |
| 10 | MADE IN CHINA | | | | | | | | |
| 11 | MAX. LOAD 750 kg (1653 LBS) MAX. PRESS 300 kPa (44 PSI) | | | | | | | | |
| 12 | TREAD : 2 POLYESTER + 2 STEEL + 1 NYLON SIDEWALL : 2 POLYESTER | | | | | | | | |
| 13 | CCC | | | | | | | | |
| 14 | E4 ***** (ECE APPROVAL MARK & APPROVAL NO.) | | | | | | | | |
| 15 | N | | | | | | | | |
| 16 | DOT LBBR KAD(****DATE CODE) (Lower) DOT LBBR KAD (Upper) | | | | | | | | |
| 17 | TREADWEAR 380 TRACTION A TEMPERATURE A | | | | | | | | |
| | TIRE SIZE | LOAD INDEX | SPEED SYMBOL | TYPE | D(mm) | S(mm) | A(mm) | C(mm) | SIKD DEPTH (mm) |
| | 215/65R16 | 98 | H | TL | 686 | 221 | 165 | 168.8 | 8.0 |



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Shandong Fengyuan Tire Manufacturing Co., Ltd.

Type : 215/65R16
Manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.

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-0270520 Ext.05

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.



Type : 215/65R16
Manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.

0. General Information

- 0.1. Make (trade name of the manufacturer) : Shandong Fengyuan Tire Manufacturing Co., Ltd.
- 0.2. Type : 215/65R16
- 0.3. Category of vehicle : Not applicable
- 0.4. Name and address of the manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.
 No.1, South Ring Road, Yicheng Economic Development Zone, Zaozhuang City, Shandong Province, 277300 China
- 0.5. No. of the information folder : Not applicable
 - Date of issue : May 28, 2014
 - Date of last change : August 29, 2017

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

- 1.1 Description
 - 1.1.1. ~~Vehicle~~ / object
 - Commercial description : Not applicable
 - Type(s) ~~variant(s)~~ / ~~version(s)~~ : 215/65R16
 - Identification number : 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



Type : 215/65R16
 Manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.

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
 Numbering 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 : Shandong Fengyuan Tire Manufacturing Co., Ltd.
 No.1, South Ring Road, Yicheng Economic Development Zone, Zaozhuang City, Shandong Province, 277300 China
- Test date : Jan. 21, 2014
- 2.4. Remarks : Not applicable



Type : 215/65R16
Manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.

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, / October 25, 2017
AY



Andy Yang
Expert Technical Service





Type : 215/65R16
Manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.

List of modifications

Appendix 0

- Correction of : ---
- Modification of : ---
- Addition of : trade marks and trade descriptions
- Deletion of : ---





Type : 215/65R16
 Manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.

Test minutes

Appendix 1

1. Test data

1.1. Test object(s) markings

- 1.1.1 Trade name or mark : FARROAD
- 1.1.2 Tyre type designation : FRD16
- 1.1.3 Plies of Tread / Sidewall : 2 POLYESTER + 2 STEEL + 1 NYLON / 2 POLYESTER
- 1.1.4 Tyre size designation : 215/65R16
- 1.1.5 Category of use : Snow
 Indication of category of use : word "M+S"
- 1.1.6 Structure : Radial
 Indication / symbol of structure : Word "RADIAL", letter "R" in front of rim diameter marking
- 1.1.7 Speed category : H
- 1.1.8 Load-Capacity Indices(L.I.) : 98
- 1.1.9 Word in case of without inner tube : TUBELESS
- 1.1.10 Word in case of reinforced tyre : n/a (standard tyre)
- 1.1.11 Date of manufacture : 4913

1.2. Dimension measurement according to Annex 6

- 1.2.1 Measuring rim : 6.5J x 16
- 1.2.2 Inflation pressure after mounting on measuring rim : 3.0 bar
- 1.2.3 Inflation pressure adjusted before conditioning : 1.8 bar
- 1.2.4 Conditioning of tyre : More than 24 hours
- 1.2.5 Inflation pressure readjusted after conditioning : 1.8 bar

| | | | | | | | |
|-------|--|--|------------|------------|--|--|--|
| 1.2.6 | Overall width at six equally spaced points | Height of six equally spaced tread wear indicators | | | | | |
| | 1. 223.2 mm | 4. 223.6 mm | 1. 1.79 mm | 4. 1.81 mm | | | |
| | 2. 223.3 mm | 5. 223.6 mm | 2. 1.83 mm | 5. 1.76 mm | | | |
| | 3. 223.0 mm | 6. 223.1 mm | 3. 1.76 mm | 6. 1.74 mm | | | |
| | Max.: 223.6 mm | | | | | | |

- 1.2.7 Circumference : 2140 mm
- 1.2.8 Outer diameter : 681.2 mm





Type : 215/65R16
 Manufacturer : Shandong Fengyuan Tire Manufacturing Co., Ltd.

1.2.9 Tread depth / void to fill ratio in case of special use tyre : Not applicable

1.3. Load/speed performance test according to Annex 7

1.3.1 Test machine : GX-YLSN-1114

1.3.2 Diameter of test drum : 1.707 m

1.3.3 Test rim : 6.5J x 16

1.3.4 Inflation pressure adjusted before conditioning : 2.8 bar

1.3.5 Conditioning of tyre : More than 3 hours

1.3.6 Test-room temperature : 27 °C

1.3.7 Inflation pressure readjusted after conditioning : 2.8 bar

1.3.8 Circumference after conditioning, before testing : 2143 mm

1.3.9 Outer diameter after conditioning, before testing : 682.1 mm

1.3.10 Test load (80%) : 600 kg

| Step | Step-Duration [min] | Total Duration [min] | Actual speed (km/h) |
|------|---------------------|----------------------|---------------------|
| 1. | 10 | 10 | 0 – 170 |
| 2. | 10 | 20 | 170 |
| 3. | 10 | 30 | 180 |
| 4. | 10 | 40 | 190 |
| 5. | 20 | 60 | 200 |

1.3.11 Conditioning after testing : More than 6 hours

1.3.12 Circumference after conditioning, after testing : 2160 mm

1.3.13 Outer diameter after conditioning, after testing : 687.5 mm

1.3.14 Difference outer diameter before and after testing (max. 3.5 %) : 5.4 mm
 : 0.79 %

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

2. Remarks : The test results refer to report No. 86-R30-2933/14-00.

