

## Statement manufacturer and authorization regarding application

This statement must only be sent with new "00" applications. This applies to both the statements that the application has not been submitted to another authority and the authorization of the applicant. If the authorized party is changed in the meantime (i.e. in case of an extension or correction request), this declaration must be filled in again.

1 **EC & UNECE type-approval number** : E4\*54R00/27\*56074\*00

---

2  **Manufacturer/**  **Manufacturer's representative** <sup>(1)</sup>

---

3 Company name : Prinx Chengshan Tire(Thailand) Co., Ltd.  
4 Name authorized person : Ms. Xiao Xueqing  
5 Job title : International Product Certification Engineer  
6 E-mail address : xqxiao@prinxchengshan.com  
7 Address manufacturer : 399 Moo 4, Tambol Nong Sua Chang Amphur Nong Yai 20190/Chonburi Thailand  
8 Country : Thailand

### 9 **Statement**

---

10 Hereby : Ms. Xiao Xueqing ,  
11 declares on behalf of  
12 the manufacturer : Prinx Chengshan Tire(Thailand) Co., Ltd. ,  
13 for the application with  
14 type-approval number : E4\*54R00/27\*56074\*00 ,  
15 the following:  
16 a) the manufacturer has not applied for an EC & UNECE type-approval for the same type to any other approval  
17 authority, and no other approval authority granted the manufacturer such an approval;  
18 b) no approval authority has refused to grant type-approval of that type;  
19 c) no approval authority has withdrawn type-approval of that type;  
20 d) the manufacturer has not revoked an application for a type-approval of that type.

### 21 **Authorization regarding handling of this application (if applicable)** <sup>(2)</sup>

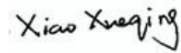
---

22 Company name : TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch  
23 E-mail address : Fengling.Zhou@tuvsud.com  
24 Address : 3-13, No.151 Heng Tong Road, 200070, Shanghai  
25 Country : China

### 26 **Authorization**

---

27 By means of this  
28 declaration, I : Ms. Xiao Xueqing ,  
29 on behalf of : Prinx Chengshan Tire(Thailand) Co., Ltd. ,  
30 authorizes : TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch ,  
31 to respectively apply for a type-approval with type-approval number:  
32 E4\*54R00/27\*56074\*00 ,  
33 handle all communication concerning this application and receive the type-approval certificate.

29 <b>Date</b>	<b>Place</b>	<b>Name:</b>
30 January 15, 2025	Chonburi, Thailand	Prinx Chengshan Tire(Thailand) Co., Ltd.
31	On their behalf, signature : 	
32	Name : Ms. Xiao Xueqing	

<sup>(1)</sup> Mark the specific checkbox.

<sup>(2)</sup> This authorization only concerns the application procedure and all activities that are directly or indirectly related to this procedure. If and insofar as other procedures, including the lodging of objections, are deemed necessary, a new authorization must be submitted in respect of that specific procedure.



THE NETHERLANDS

## COMMUNICATION

Concerning <sup>(1)</sup>:

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

of a type of tyre for motor vehicles pursuant to Regulation number 54.

**Approval number: E4\*54R00/27\*56074\*00**

1. Manufacturer's name and address : Prinx Chengshan Tire(Thailand) Co., Ltd.  
399 Moo 4, Tambol Nong Sua Chang  
Amphur Nong Yai  
20190/Chonburi  
Thailand
2. Tyre type designation <sup>(2)</sup> :
  - 2.1. Brand name(s)/trademark(s) : Tourador or TECHSHIELD or WELLPLUS
  - 2.2. Trade description (s)/Commercial name(s)/ : MAX FORCE A3 or VIGOROUS VA2 or POWER BUS
3. If applicable, name and address of the manufacturer's representative : Not applicable
4. Summarized description:
  - 4.1. Tyre-size designation : 275/70R22.5
  - 4.2. Category of use : ~~normal~~/snow/~~special~~ <sup>(1)</sup>
  - 4.3. Structure : ~~diagonal (bias-ply)~~/radial <sup>(1)</sup>
  - 4.4. Tyre class : ~~C2~~/C3 <sup>(1)</sup>
  - 4.5. Speed category symbol:
    - 4.5.1. nominal : J
    - 4.5.2. additional (if applicable) : Not applicable
  - 4.6. Load-capacity indices:

**Approval number: E4\*54R00/27\*56074\*00**

- 4.6.1. Corresponding to nominal speed:
- single : 152
  - twinned (dual) : 149
- 4.6.2. Corresponding to additional speed:
- single : ---
  - twinned (dual) : ---
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV SÜD Auto Service GmbH  
Westendstraße 199  
D-80686 München
6. Date of report issued by that service : 2025-02-12
7. Number of report issued by that service : 25-00393-CX-SHA-00
8. Reason(s) for extension (if applicable) : ---
9. Any remarks : ---
10. Place : Zoetermeer
11. Date : 10 March 2025
12. Signature :



S. B. de Lang

13. Annexed to this communication is a list of documents in the approval file 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 54.
  - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
  - The test report as mentioned in item 7.

---

<sup>(1)</sup> Strike out what does not apply.

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



Test report No.: 25-00393-CX-SHA-00  
Manufacturer: Prinx Chengshan Tire(Thailand) Co., Ltd.  
Type: 275/70R22.5 152/149J M+S

## Test Report

**No.: 25-00393-CX-SHA-00**

Test of a type of component  
with regard to UN/ECE Regulation No.  
**54**  
including all amendments up to  
**supplement 27 to the 00 series**

Approval subject:  
**pneumatic tyres**  
**for commercial vehicles and their trailers**  
Stage of completion:  
**N/A**

Approval status	
<input checked="" type="checkbox"/>	Granting of a type approval
<input type="checkbox"/>	Extension/correction to type approval no. : ---

## I. General

Name and address of manufacturer : Prinx Chengshan Tire(Thailand) Co., Ltd.  
399 Moo 4, Tambol Nong Sua Chang  
Amphur Nong Yai  
20190/Chonburi  
Thailand

Brand name(s)/trademark(s) : Tourador or TECHSHIELD or WELLPLUS

Trade description (s)/Commercial name(s) : MAX FORCE A3 or VIGOROUS VA2 or POWER BUS

Name and address of representative: : Not applicable

Size of tyre: : 275/70R22.5 152/149J M+S

Tyre class: : C2/C3

Location of the approval mark: : On the sidewall

## II. Test results

Refer to the Annex II

## III. Enclosures

Annex I Reason of extension

Annex II Test results

Information document see application form dated 2025-01-15 (yyyy-mm-dd)

## IV. Statement of conformity



The mentioned information folder and the type described therein are in accordance with the test basis mentioned above. Sampling plan or method result from the requirements of the test basis. The worst-case configuration was selected in accordance with process description "Requirements for Test Reports (AS-PB-T-02)". Valid decision rule in accordance with ILAC G8:2019, 4.2.1: in question of meeting the limits the measurement uncertainty was ignored.

The manufacturer is responsible for the information (III.) and the test specimens provided by him. The test results relate only to the test specimens as received and mentioned (II.). The test specimens are representative for the type described (III.).

The test report may be reproduced and published in full and by the client only. It can be re-produced partially with the written permission of the test laboratory only.

TÜV SÜD Auto Service GmbH is designated as Technical Service by:

Approval authority	Country	Registration number
Kraftfahrt-Bundesamt (KBA)	Germany	KBA-P 00100-10
Vehicle Certification Agency (VCA)	United Kingdom	VCA-TS-006
Approval Authority of the Netherlands (RDW)	The Netherlands	RDWT-082-xx
National Standards Authority of Ireland (NSAI)	Ireland	Technical Service Number: 49
Société Nationale de Certification et d'Homologation s.a. (SNCH)	Luxembourg	13/B(g)
Swedish Transport Agency (STA)	Sweden	TT 0024

München, 2025-02-12 (yyyy-mm-dd)



Qiaoqiao Yu



Test report No.: 25-00393-CX-SHA-00  
Manufacturer: Prinx Chengshan Tire(Thailand) Co., Ltd.  
Type: 275/70R22.5 152/149J M+S

---

## Annex I Reason of extension

Correction of : ---

Modification of : ---

Addition of : ---

Deletion of : ---

## Annex II Test results

### 1. Description of the test object

- 1.1. Trade mark : TOURADOR
- 1.2. Tread pattern : MAX FORCE A3
- 1.3. Plies  
Tread : 1 Steel + 4 Steel  
Side wall : 1 Steel
- 1.4. Tyre-size designation : 275/70R22.5
- 1.5. Category of use : ~~Normal/snow/special~~
- 1.6. For the tyre belonging to the category of use "special use tyre" those which bears the inscription M+S or M.S or M&S : Not applicable
- 1.7. Structure : ~~Diagonal (bias-ply)~~/radial
- 1.8. Speed category symbol : Nominal: J, additional: ---
- 1.9. Load-capacity indexes  
Corresponding to nominal speed : Single: 152 , twinned: 149  
Corresponding to additional speed : Single: --- , twinned: ---
- 1.10. The inflation pressure for the dimension measurement and for the load/speed endurance test pressure : 930 kPa
- 1.11. Indication : Tubeless/~~tube type~~
- 1.12. Regroovable : Yes/~~no~~
- 1.13. Date of manufacture : 4724

### 2. Measurement according to Annex 6

- 2.1. Measuring rim : 8.25\*22.5
- 2.2. Ambient room temperature : 25.0 °C
- 2.3. Inflation pressure : 930 kPa
- 2.4. Inflation pressure(readjusted before conditioning) : 930 kPa

- 2.5. Duration of conditioning of mounted tyre pre-measuring at ambient room temperature : More than 24 hours
- 2.6. Inflation pressure(readjusted after conditioning) : 930 kPa
- 2.7. Overall width at six equally spaced points :  
1. 275.0 mm  
2. 275.2 mm  
3. 274.9 mm  
4. 274.9 mm  
5. 275.1 mm  
6. 274.8 mm  
Max.: 275.2 mm
- 2.8. Circumference : 3043 mm
- 2.9. Outer diameter : 968.6 mm
- 2.10. Limit value  
Overall width :  $\leq 287$  mm  
Outer diameter :  $946 \text{ mm} \leq \text{OD} \leq 984 \text{ mm}$
- 3. Load/speed performance test according to Annex 7**
- 3.1. Test machine : GX-YLSN-1114
- 3.2. Diameter of test drum : 1.7 m
- 3.3. Test rim : 8.25\*22.5
- 3.4. Test-room temperature : 26.1 °C
- 3.5. Inflation pressure(readjusted before conditioning) : 930 kPa
- 3.6. Duration of conditioning of mounted tyre pre-testing at test-room temperature : More than 3 hours
- 3.7. Inflation pressure(readjusted after conditioning) : 930 kPa
- 3.8. Circumference after conditioning, before testing : ---
- 3.9. Outer diameter : ---
- 3.10. Load corresponding load index(100%) : 3550 kg
- 3.11. Test-drum speed : 48 km.h<sup>-1</sup>



Test report No.: 25-00393-CX-SHA-00  
Manufacturer: Prinx Chengshan Tire(Thailand) Co., Ltd.  
Type: 275/70R22.5 152/149J M+S

Step	Step-duration	Total duration	Testing load	
	[h]	[h]	[%]	[kg]
1	7	7	66	2343
2	16	23	84	2982
3	24	47	101	3586

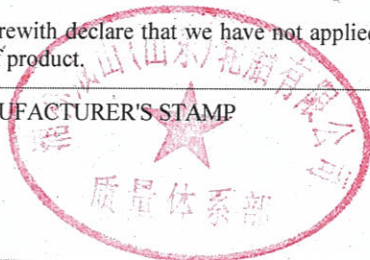
- 3.12. Defect after load/speed test: : Without
- 3.13. Duration of conditioning after testing at test-room temperature : ---
- 3.14. Inflation pressure(readjusted after conditioning) : ---
- 3.15. Circumference after conditioning, after testing : ---
- 3.16. Outer diameter : ---
- 3.17. Difference outer diameter before and after Testing (max. 3.5 %) : ---
- 4. Place and date of the test** : Qingdao Zhijian Inspection Co. Ltd.  
Qingdao, P.R. China  
2024-12-11 to 2024-12-14 (yyyy-mm-dd)
- 5. Comments and remarks**
- 5.1. Test results refer to measurements : Pass/~~Fail~~
- 5.2. Remarks concerning extension : Not applicable

**APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE ACCORDING TO ECE REGULATION No. 54, 00 SERIES OF AMENDMENTS**

- |        |  |   |  |
|--------|--|---|--|
| 1.     | Manufacturer's name or trade mark <sup>(2)</sup>                 | : | Tourador; TECHSHIELD; WELLPLUS   |
| 2.     | Tyre type designation by the manufacturer <sup>(2)</sup>         | : | MAX FORCE A3; VIGOROUS VA2; POWER BUS;   |
| 3.     | Manufacturer's name and address                                  | : | Prinx Chengshan Tire(Thailand) Co., Ltd.<br>399 Moo 4, Tambol Nong Sua Chang, Amphur Nong Yai,<br>20190, Chonburi, Thailand. |
| 4.     | If applicable, name and address of manufacturer's representative | : | not applicable   |
| 5.     | Summarised description,  |   |  |
| 5.1.   | Tyre size designation  | : | 275/70R22.5  |
| 5.2.   | Category of use  | : | <del>normal</del> /special/snow <sup>(1)</sup>   |
| 5.3.   | Structure  | : | <del>diagonal (bias ply)</del> /radial <sup>(1)</sup>  |
| 5.4.   | Speed category symbol  |   |  |
| 5.4.1. | Nominal  | : | J  |
| 5.4.2. | Additional (if applicable)                                       | : |  |
| 5.5.   | Load capacity indices  |   |  |
| 5.5.1. | corresponding to nominal speed                                   | : | single: 152 , twinned (dual):149   |
| 5.5.2. | corresponding to additional speed                                | : | single: --- , twinned (dual): ---  |
| 6.     | Overall dimensions   | : |  |
|        | overall section width  | : | 275.2  |
|        | outer diameter   | : | 968.6  |
| 7.     | Factor 'x'   | : | 0.75   |
| 8.     | Ply-rating number for diagonal (bias ply) tyres                  | : |  |
| 9.     | Rims on which the tyre can be mounted                            | : | 8.25   |
| 10.    | Measuring rim and test rim                                       | : | see attached test report   |
| 11.    | Tyre class   | : | C1/C2 / C3 <sup>(1)</sup>  |
| 12.    | State whether the tyre is  | : | tube less / <del>tube type</del> <sup>(1)</sup>  |
| 13.    | Traction tyre  | : | Yes / no ( <del>see the tread pattern detail in drawing</del> ) <sup>(1)</sup>   |
| 14.    | State if special use tyre  | : | n.a.   |
|        | Professional Off-Road  | : | Yes / no <sup>(1)</sup>  |
|        | Tread depth / Void to fill ratio                                 | : | n.a.   |
| 15.    | Inflation pressure and index for measuring and testing           | : | see attached test report   |
| 16.    | Submitted for approval on (date)                                 | : | Jan. 15, 2025  |

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



Signature :

..... Lorraine Wang

Name:

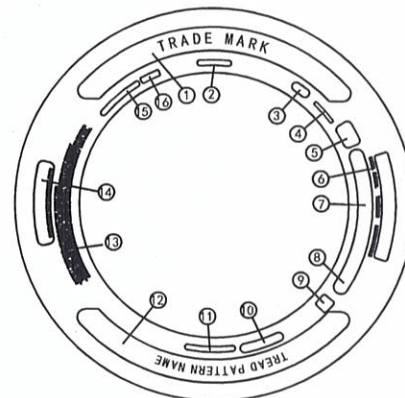
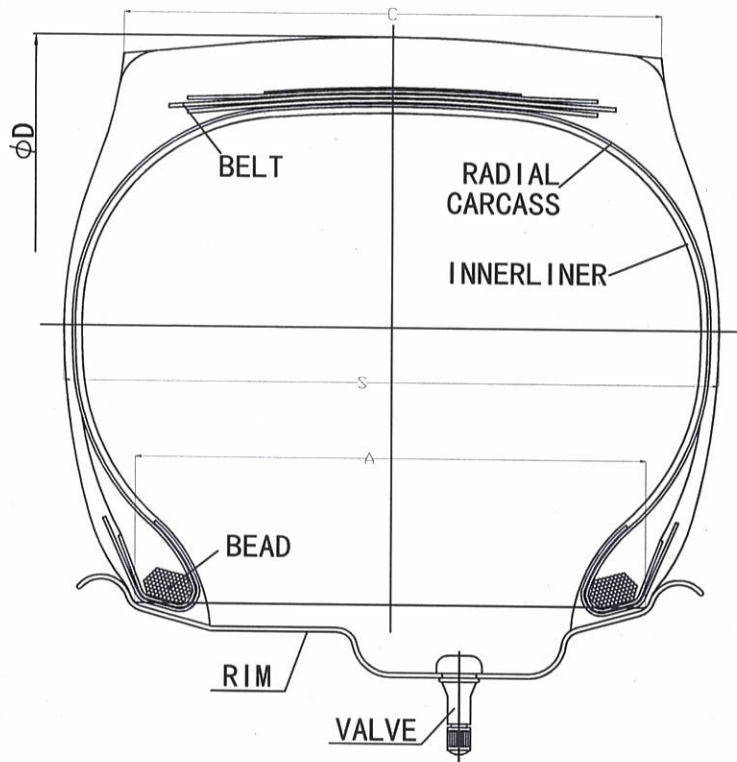
Lorraine Wang

THIS APPLICATION IS ACCOMPANIED BY:

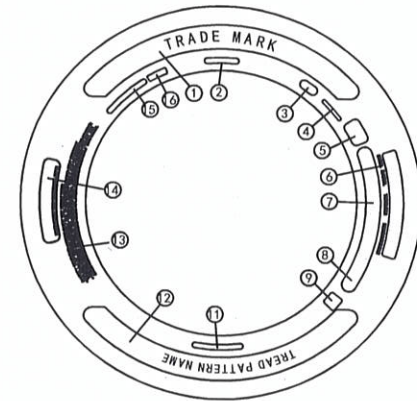
- A drawing of the tyre's side wall, tread and dimensioned cross section.
- The test report.

(1) Strike out what does not apply.

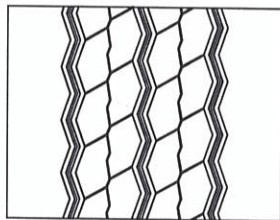
(2) Modified points are underlined for extension.



LOWER MOLD



UPPER MOLD



TRADE MARK	TREAD PATTERN NAME
Tourador	MAX FORCE A3
TECHSHIELD	VIGOROUS VA2
WELLPLUS	POWER BUS

1	(TRADE MARK) Tourador & TECHSHIELD & WELLPLUS
2	origin country
3	M+S
4	275/70R22.5
5	152/149J 930 kPa
6	STEEL RADIAL TUBELESS REGROOVABLE
7	PLIES: SIDEWALL 1 STEEL TREAD 1 STEEL +4 STEEL MAX.LOAD SINGLE 3550kg (7830LBS.) AT 930kPa (135P.S.I.) COLD MAX.LOAD DUAL 3250kg (7160LBS.) AT 930kPa (135P.S.I.) COLD
8	LOAD RANGE J
9	▲
10	ECE approval mark and number (Lower mold)
11	DOT APPROVAL MARK & APPROVAL No.& ****(****---Date Code)
12	(TREAD PATTERN NAME) MAX FORCE A3 & VIGOROUS VA2 & POWER BUS
13	SAFETY WARNING:
14	BRAND LIGHTLY HERE 1/32 INCH MAX. DEPTH
15	STANDARD RIM 8.25
16	***** (Mold No.)

275/70R22.5	152/149	J	TL	958	276	209.55	240
TIRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D (mm)	S (mm)	A (mm)	C (mm)

DRAWN BY CHECKED BY AUDIT BY APPROVED BY PRINX CHENGSHAN TIRE (THAILAND) CO., LTD.