

THE NETHERLANDS
(N E D E R L A N D)

COMMUNICATION

Concerning ⁽¹⁾

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- ~~approval withdrawn~~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

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

Approval number: E4*30R02/21*120108*01

1. Manufacturer's name and address : Sailun Group Co., Ltd.
No. 588 Maoshan Road, Huangdao District,
Shandong Province, 266555 Qingdao City,
China (PRC)
2. Tyre type designation⁽²⁾
 - 2.1. Brand-name(s)/trademark(s) : SAILUN; ROVELO
 - 2.2. Trade description(s)/Commercial name(s) : ATREZZO ZSR; RPX-988
3. If applicable, name and address of the manufacturer's representative : Not applicable
4. Summarised description
 - 4.1. Tyre size designation : 225/45ZR17
 - 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 : Y
 - 4.5. Load-capacity index : 94

Approval number: E4*30R02/21*120108*01

- 4.6. Extended Mobility Tyre : ~~Yes~~ /No⁽¹⁾
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV Rheinland Kraftfahrt GmbH
Am Grauen Stein
D-51105 Köln
Germany
6. Date of report issued by that service : 2020-07-08
7. Number of report issued by that service : 86-R30-2564/20-00
8. Reason(s) of extension (if applicable) : Update of tyre type designation(s)
Upgrade of regulation supplement number
Change of technical service
9. Any remarks : Not applicable
10. Place : Zoetermeer
11. Date : 24 July 2020
12. Signature :

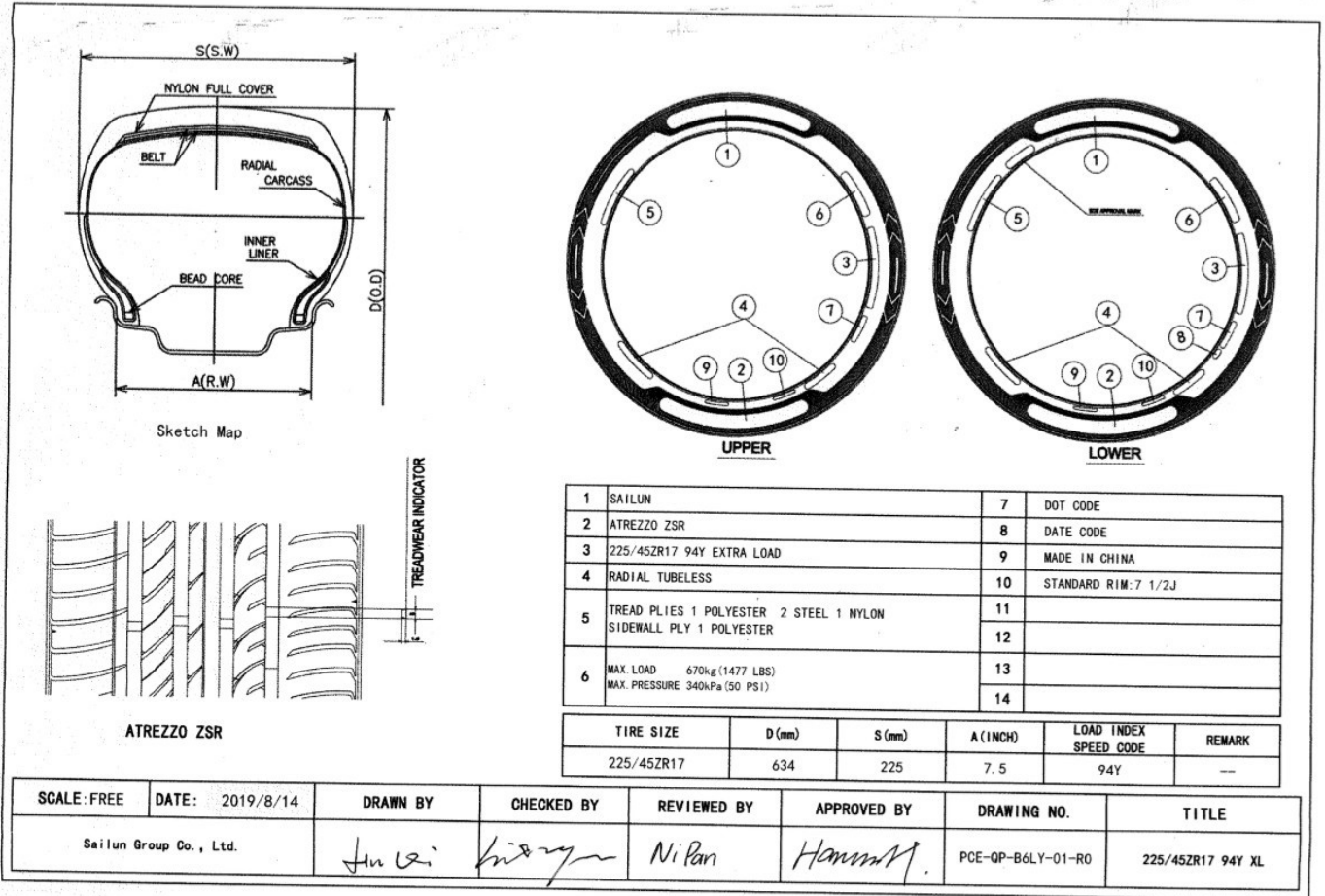

P. Lingsma

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

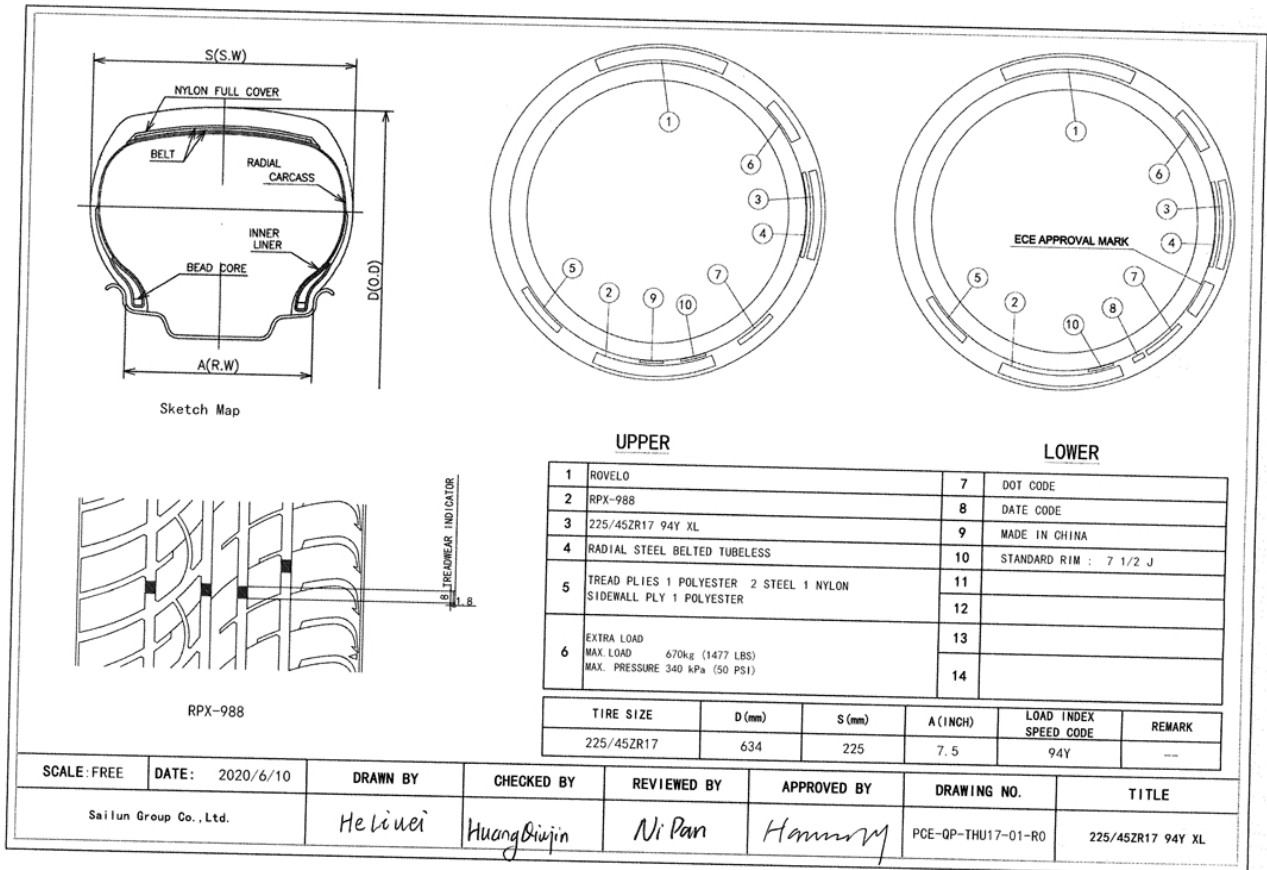
APPENDIX 1. CONSTRUCTION IMAGE (1)



(1) The tyre marking statements are considered leading in case of deviating drawing information.



APPENDIX 2. CONSTRUCTION IMAGE (1)



(1) The tyre marking statements are considered leading in case of deviating drawing information.



Test report data delivered by the designated technical service or its laboratory/branch office responsible for conducting the approval tests

Tested in accordance to ECE regulation no. 30, 02 series of amendments, supplement 21

Test reports	:	<table border="1"> <thead> <tr> <th>Date of report</th> <th>Startdate of tests</th> <th>Location of test</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>2020-07-08</td> <td>-</td> <td>-</td> <td>86-R30-2564/20-00</td> </tr> </tbody> </table>	Date of report	Startdate of tests	Location of test	Reference	2020-07-08	-	-	86-R30-2564/20-00
Date of report	Startdate of tests	Location of test	Reference							
2020-07-08	-	-	86-R30-2564/20-00							
Appropriate test facility, calibrated measurement- and test equipment have been used in compliance with the applicable test requirements	:	Y								
Name and address of designated technical service	:	TÜV Rheinland Kraftfahrt GmbH Am Grauen Stein D-51105 Köln Germany								
Name and address of branch office of designated technical service	:	TÜV Rheinland / CCIC (Qingdao) Co., Ltd. 6F, No.2 Bldg., No. 175, Zhuzhou Rd., Qingdao 266101 P.R. China								
Tyre size designation	:	225/45ZR17								
Brand-name(s) / trademark(s)	:	SAILUN, ROVELO								
Trade description(s) / commercial name(s)	:	ATREZZO ZSR, RPX-988								
Category of use	:	Normal								
Structure	:	Radial								
EMT (Extended Mobility Tyre)	:	N								
Speed category symbol	:	Y								
Load capacity index	:	94								
Protective rib	:	N								
Tubeless	:	Y								
Standard / reinforced / T-type temporary use	:	Reinforced								
Ply-rating number of diagonal (bias-ply) tyres	:	N.A.								
Factor 'x'	:	0.85								
Maximum speed for speed symbol Y for load rating determination	:	300 km/h								
Tread-wear indicators	:									
Height of lowest tread-wear indicator	:	1.74 mm								
Height of tallest tread-wear indicator	:	1.86 mm								
Number of transverse rows of wear indicators	:	6								
Special use tread pattern features	:	N.A.								



1 Test data

1.1 MEASURING DATA (ACCORDING TO ANNEX 6)

1.1.1	Measuring rim width	:	7.50 inch
1.1.2	Conditioning		
	Mounting pressure	:	3.0 bar
	Adjusted pressure	:	2.2 bar
	Conditioning time	:	24 hrs
	Test room temperature	:	22.8 °C
	Readjusted pressure	:	2.2 bar
1.1.3	Measurements		
	Overall width measured	:	226.5 mm
	Calculated outer diameter	:	630.9 mm
1.1.4	Ply of tyre subject for type approval	:	

Material	Side wall	Tread
Polyester	1	1
Steel	0	2
Nylon	0	1

1.2 LOAD SPEED PERFORMANCE TEST (ACCORDING TO ANNEX 7)

1.2.1	Reference is made to a worst case tyre out of the tyre range	:	N
1.2.2	Test setup		
	Test drum diameter	:	1.70 m
	Test rim width	:	7.50 inch
	Test axle load	:	456.0 kg
1.2.3	Conditioning		
	Test inflation pressure	:	3.6 bar
	The test inflation pressure differs from those given under Annex 7 paragraph 1.2	:	N
	Conditioning time	:	3 hrs
	Test room temperature	:	26.0 °C
	Readjusted pressure	:	3.6 bar
1.2.4	Outer diameter before test	:	632.8 mm
1.2.5	Test procedure		
	Time from zero to initial test speed	:	10 min
	Test steps	:	

Step	Duration (min)	Speed (km/h)
1.	20	260
2.	10	270
3.	10	280
4.	10	290

1.2.6	Test results		
	Traces of tread separation, ply separation, cord separation, chunking or broken cords after the load/speed test	:	N
	Superficial blistering after the load/speed test caused by the specific test equipment and conditions	:	N
	Conditioning time after test	:	6 hrs
	Calculated outer diameter of measured circumference after test	:	641.1 mm
	Change in outer diameter after test	:	1.31 %



2 TYRE MARKINGS	STATEMENT ⁽¹⁾
2.1 Brand name or trade mark	: Marked
2.2 Trade description / commercial name	: Marked
2.3 Date of manufacture	: Marked
- character height \geq 4 mm	: Y
2.4 Upper side wall markings	
"TEMPORARY USE ONLY"	: N.A.
"INFLATE TO 420kPa (60 psi)"	: N.A.
2.5 Lower side wall markings	
Approval mark in accordance to article 3.2, 3.4, 5.4 and Annex 2	: Y
Tyre structure letter code	: ZR
Tyre to rim fitment code	: N.A.
Service description	
- marked within brackets	: N.A.
- immediately after tyre size designation	: Y
- character height \geq 6mm	: Y
"RADIAL"	: Marked
- character height \geq 4 mm	: Y
"B" and "BIAS BELTED"	: N.A.
"TUBELESS"	: Marked
- character height \geq 4 mm	: Y
Run flat symbol	: N.A.
EMT (Extended mobility tyre) symbol	: N.A.
"REINFORCED" or "EXTRA LOAD"	: Marked
- character height \geq 4 mm	: Y
"M+S"/"M.S"/"M&S"	: N.A.
"ET"	: N.A.
"POR"	: N.A.
Location of the applicable mandatory markings	: In lower area
Symmetrical tyres marked on both sidewalls	: There are no symmetrical tyres
Asymmetrical tyres marked at least on the outer tyre side wall	: Y

3 Nominal envelop dimensions of the inflated tyre mounted on the measuring rim ⁽¹⁾

S	: 225 mm
D	: 634 mm
A	: 190.5 mm

⁽¹⁾ The tyre marking statements are considered leading in case of deviating drawing information.



APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE FOR TYRES FOR MOTOR VEHICLES AND THEIR TRAILERS ACCORDING TO ECE REGULATION No. 30, 02 SERIES OF AMENDMENTS, SUPPLEMENT 21

- 4.1 Name and address of manufacturer (applicant) : Sailun Group Co., Ltd.
No. 588 Maoshan Road, Huangdao District,
Shandong Province, 266555 Qingdao City,
China (PRC)
- Name and address of branch office of designated technical service (manufacturers duly accredited representative) : TÜV Rheinland / CCIC (Qingdao) Co., Ltd.
6F, No.2 Bldg., No. 175, Zhuzhou Rd.,
Qingdao 266101
P.R. China
- 4.1.1 Tyre size designation : 225/45ZR17
- 4.1.2.1 Brand-name(s) / trademark(s) : SAILUN, ROVELO
- 4.1.2.2 Trade description(s) / commercial name(s) : ATREZZO ZSR, RPX-988
- 4.1.3 Category of use : Normal
- 4.1.3.1 For the tyres belonging to the category of use "special use tyre" those which may bear the inscription M+S or M.S or M&S : N.A.
- 4.1.4 Structure : Radial
- 4.1.5 Speed category symbol : Y
- 4.1.6 Load capacity index : 94
- 4.1.7 Tubeless : Y
- 4.1.8 Standard / reinforced / T-type temporary use : Reinforced
- 4.1.9 EMT (Extended mobility tyre) : N
- 4.1.10 Ply-rating number of diagonal (bias-ply) tyres; except for T-type temporary use spare tyres : N.A.
- 4.1.11 The overall dimensions: overall section width and outer diameter
- Overall section width : 226.5 mm
- Outer diameter : 630.9 mm
- 4.1.12 The rims on which the tyre can be mounted : 7.50 inch
- 4.1.13 Measuring rim : 7.50 inch
- Test rim : 7.50 inch
- 4.1.14 The test pressure where the manufacture requests the application of Annex 7 paragraph 1.3 to this Regulation : N.A.
- 4.1.15 The factor 'x' : 0.85
- 4.1.16 For tyres suitable for speeds in excess of 300 km/h, the maximum speed permitted by the tyre manufacturer and the load carrying capacity allowed for that maximum speed : N.A.
- 4.1.17 The identification of the bead retention rim contours specific for the "flat tyre running mode" of "run flat tyres" : N.A.
- 4.2 The application for approval is accompanied by drawings or images of
1. The tyre tread pattern : Y
2. Envelope of the inflated tyre mounted on the measuring rim, showing the relevant dimensions (see paragraphs 6.1.1 and 6.1.2) : Y
3. The side wall showing the relevant markings : Y
- 4.4 Reference to Worst-case tyre has been made for the load-speed test. The worst case tyre selection criteria can be obtained from the approval authority. : N



Reason(s) of extension : Update of tyre type designation(s);
Upgrade of regulation supplement number;
Change of technical service;

The applicant, as defined in article in 4.1, declares that:

- This application is in compliance with the scope as defined in chapter 1 of the regulation.
- All data for this application are unambiguously and truthfully given.
- This application has been submitted by the duly accredited representative of the manufacturer per art 4.1 of the regulation. The underlying statement to submit on behalf of the manufacturer can be presented upon request.
- The type approval application for the subject component is submitted only at RDW as Contracting party pursuant to this UN regulation.
- Appropriate test facility, calibrated measurement en test equipment have been used in compliance with the applicable test requirements.

Company : TÜV Rheinland / CCIC (Qingdao) Co., Ltd.
Name of person responsible for the submitted application data : Xin.Liu
Function of above mentioned authorised person : Project Manager
E-mail address of department or above mentioned authorised person : Xin.Liu@tuv.com
Place of submission : Qingdao
Submitted for approval on (date) : 16/07/2020 07:57:56
Reference id of the application given by the applicant : 2555360616

