

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-PL-18137-01-00 according to DIN EN ISO/IEC 17025:2018

**Valid from: 19.12.2019**

Date of issue: 19.12.2019

Holder of certificate:

**Continental Reifen Deutschland GmbH**

at the locations:

**Jädekamp 30, 30419 Hannover**

**Philipsstraße 15, 52068 Aachen**

**Contistraße 1, 29323 Wietze-Jeversen**

**3018 Kongquetai Road, Nangang Technology Zone, Hefei 231283, Anhui (China)**

**6969 FM 117 Batesville Road, 78801 Uvalde/Texas (USA)**

**Rua Adelino Leitão nº 330, 4761-906 Lousado (Portugal)**

**No 2 Jalan Tandang, 46050 Petaling Jaya, Selangor (Malaysia)**

**Terezie Vansovej 1054, 02001 Puchov (Slovakia)**

Tests in the fields:

### **Tests of tires and materials for the automotive industry**

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAKKS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

*LO\* = The flexible scope is not permitted for the location EC Lousado (Portugal).*

The test methods are indicated with the following abbreviations for locations, in which they performed respectively:

ST	Hannover	AA	Aachen	CD	Wietze-Jeversen
HE	Hefei (China)	UV	Uvalde (USA)	LO	Lousado (Portugal)
PJ	Petaling Jaya (Malaysia)	PU	Puchov (Slovakia)		

**This document is a translation. The definitive version is the original German annex to the accreditation certificate.**

Abbreviations used: see last page

**Annex to the accreditation certificate D-PL-18137-01-00**

<b>Regulation</b>	<b>Description</b>	<b>Location</b>
UN R 30 10-2018	Regulation No 30 of the Economic Commission for Europe of the United Nations (UN/ECE) — Uniform provisions concerning the approval of pneumatic tyres for motor vehicles and their trailers, Revision 3 <ul style="list-style-type: none"> <li>- Annex 6 (Dimensions)</li> <li>- Annex 7 (High Speed)</li> <li>- Annex 7 (Run Flat)</li> </ul>	ST, AA, HE, UV <sup>4</sup> , PJ, PU ST, AA, HE, PJ, PU ST, HE, PU
UN R 54 12-2018	Regulation No 54 of the Economic Commission for Europe of the United Nations (UNECE) — Uniform provisions concerning the approval of pneumatic tyres for commercial vehicles and their trailers <ul style="list-style-type: none"> <li>- Annex 6 (Dimensions)</li> <li>- Annex 7 (Highspeed)</li> <li>- Annex 7 (Endurance)</li> </ul>	ST, AA <sup>2</sup> , HE <sup>2</sup> , UV <sup>2</sup> , PJ, PU ST, AA, HE, PJ, PU ST, PJ, PU
UN R 75 10-2017	Regulation No 75 of the Economic Commission for Europe of the United Nations (UN/ECE) — Uniform provisions concerning the approval of pneumatic tyres for motor cycles and mopeds <ul style="list-style-type: none"> <li>- Annex 6 (Dimensions)</li> <li>- Annex 7 (Highspeed)</li> <li>- Annex 9 (Dynamic Growth)</li> </ul>	ST, AA, PJ ST, AA, PJ ST
UN R 106 12-2018	Regulation No 106 of the Economic Commission for Europe of the United Nations (UN/ECE) — Uniform provisions concerning the approval of pneumatic tyres for agricultural vehicles and their trailers <ul style="list-style-type: none"> <li>- Annex 6 (Dimensions)</li> <li>- Annex 8 (Burst Resistance)</li> <li>- Annex 9 (Endurance)</li> </ul>	ST, LO*, PJ LO* ST, LO*, PJ
UN R 109 12-2018	Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for commercial vehicles and their trailers <ul style="list-style-type: none"> <li>- Annex 6 (Dimensions)</li> <li>- Annex 7 (Endurance)</li> </ul>	ST, PJ, PU ST, PJ, PU
UN R 117 02-2017	Regulation No 117 of the Economic Commission for Europe of the United Nations (UN/ECE) — Uniform provisions concerning the approval of tyres with regard to rolling sound emissions and to adhesion on wet surfaces and/or to rolling resistance <ul style="list-style-type: none"> <li>- Annex 3 (Noise)</li> <li>- Annex 5 (Wet Grip)</li> <li>- Annex 6 (Rolling Resistance)</li> </ul>	CD, UV CD, UV ST

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<b>Regulation</b>	<b>Description</b>	<b>Location</b>
Regulation 1222/2009/EG 12-2011	Labelling of tyres with respect to fuel efficiency and other essential parameters - Annex IVa (Rolling Resistance) - Annex V (Wet Grip)	ST CD, UV
FMVSS 109 07-2013	New Pneumatic And Certain Specialty Tires - 5.1 (Dimensions) - 5.2 (Bead Unseating) - 5.3 (Strength) - 5.4 (Endurance) - 5.5 (High Speed)	ST, AA, HE, UV <sup>4</sup> , PJ AA, HE, UV <sup>4</sup> , PJ <sup>4</sup> AA, HE, UV <sup>4</sup> , PJ ST, AA, HE, PJ ST, AA, HE, PJ
FMVSS 119 09-2012	New Pneumatic Tires For Motor Vehicles With A GVWR Of More Than 4,536 Kilograms (10,000 Pounds) And Motorcycles - 7.2 (Endurance) - 7.3 (Strength) - 7.4 (High Speed)	ST, AA <sup>2</sup> , PJ, PU <sup>1</sup> AA <sup>2</sup> , PJ, PU <sup>1,3</sup> ST, AA, PJ, PU <sup>1</sup>
FMVSS 139 02-2012	New Pneumatic Radial Tires for Light Vehicles - 6.1 (Dimensions) - 6.2 (High Speed) - 6.3, 6.4 (Endurance, Low Pressure) - 6.5 (Strength) - 6.6 (Bead Unseating)	ST, AA, HE, UV, PJ, PU ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU AA, HE, UV, PJ AA, HE, UV, PJ
GB/T 521 2012 02-2013	Test Method of Measuring Peripheral Dimensions for Tyres - (Dimensions)	ST, AA <sup>2</sup> , HE <sup>1,2</sup> , UV <sup>1,2,4</sup> , PJ, PU <sup>1</sup>
GB/T 4501 2016 05-2017	Laboratory Test Methods for Truck and Bus Tyres Capabilities - 5.1 (Endurance) - 5.2 (High Speed) - 5.3 (Strength)	ST, AA, HE, PJ, PU AA, HE, PJ, PU AA <sup>2</sup> , HE <sup>2</sup> , PJ, PU
GB/T 4502 2016 07-2017	Laboratory Test Method for Passenger Car Tyres Capabilities - 5.1 (Bead Unseating) - 5.2 (Strength) - 5.3 (High Speed) - 5.4, 5.5 (Endurance, Low Pressure)	AA, HE, PJ <sup>4</sup> AA, HE, PJ AA, HE, PJ, PU ST, AA <sup>2</sup> , HE <sup>2</sup> , PJ, PU
GB/T 13203 2014 03-2015	Test Methods for Verifying Capabilities of Motorcycle Tyres - 5.2 (Strength) - 5.3 (Endurance) - 5.4 (High Speed) - 5.5 (Dynamic Growth)	AA, PJ ST, AA, HE, PJ AA, PJ ST

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IS 15627 06-2017	Automotive vehicles - Pneumatic tyres for two and three-wheeled motor vehicles – specification <ul style="list-style-type: none"> <li>- Annex D (Dimensions)</li> <li>- Annex E (High Speed)</li> <li>- Annex F (Dynamic Growth)</li> <li>- Annex G (Strength)</li> <li>- Annex H (Endurance)</li> </ul>	ST, AA, PJ ST, AA, PJ ST AA, PJ ST, AA, PJ
IS 15633 04-2017	Automotive vehicles - pneumatic tyres for passenger car vehicles - diagonal and radial ply – specification <ul style="list-style-type: none"> <li>- Annex C (Dimensions)</li> <li>- Annex D (High Speed)</li> <li>- Annex E (Endurance)</li> <li>- Annex F (Bead Unseating)</li> <li>- Annex G (Strength)</li> </ul>	ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU AA, HE, PJ <sup>4</sup> AA, HE, PJ
IS 15636 06-2017	Automotive Vehicles - Pneumatic Tyres for Commercial Vehicles - Diagonal and Radial Ply – Specification <ul style="list-style-type: none"> <li>- Annex A (Dimensions)</li> <li>- Annex B (Endurance)</li> <li>- Annex C (High Speed)</li> <li>- Annex D (Strength)</li> </ul>	ST, AA <sup>2</sup> , HE <sup>2</sup> , PJ, PU ST, AA <sup>2</sup> , HE <sup>2</sup> , PJ, PU ST, AA, HE, PJ, PU AA <sup>2</sup> , HE <sup>2</sup> , PJ, PU <sup>3</sup>
GSO 53 05-2007	Passenger Car Tyres Part 3: Methods Of Test <ul style="list-style-type: none"> <li>- 4 (Dimensions)</li> <li>- 7 (Strength)</li> <li>- 8 (Endurance)</li> <li>- 9 (High Speed)</li> <li>- 10 (Bead Unseating)</li> </ul>	ST, AA, HE, UV <sup>4</sup> , PJ, PU AA, HE, UV <sup>4</sup> , PJ ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU AA, HE, UV <sup>4</sup> , PJ <sup>4</sup>
GSO 646 04-1996	Multi-Purpose Vehicles, Trucks Buses and Trailer Tyres - Part 2: Methods of test <ul style="list-style-type: none"> <li>- 3 (Dimensions)</li> <li>- 4 (Strength)</li> <li>- 5 (Endurance)</li> </ul>	ST, AA <sup>2</sup> , HE <sup>2</sup> , UV <sup>2</sup> , PJ, PU AA <sup>2</sup> , HE <sup>2</sup> , UV <sup>2</sup> , PJ, PU ST, AA <sup>2</sup> , HE <sup>2</sup> , PJ, PU <sup>3</sup>
GSO 1784 2006	Method of testing of tire temperature resistance grading <ul style="list-style-type: none"> <li>- (High Speed)</li> </ul>	AA, PJ
GSO ISO 10231 02-2008	Motorcycle Tyres - Test Methods for Verifying Tyre Capabilities <ul style="list-style-type: none"> <li>- 5.1 (Strength)</li> <li>- 5.2 (Endurance)</li> <li>- 5.3 (High Speed)</li> <li>- 5.4 (Dynamic Growth)</li> </ul>	ST, AA, PJ ST, AA, PJ AA, PJ ST

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GSO-ECE-75-2 2007	Motor Cycle Tyres – Part 2: Methods of Testing - 4 (Dimension) - 5 (High Speed) - 6 (Dynamic Growth)	ST, AA, PJ ST, AA, PJ ST
INMETRO 83/2008 10-2012	Technical regulation of the quality of new tires for motorcycle, scooter and moped - Annex 1 (Dimensions) - Annex 2 (High Speed) - Annex 3 (Dynamic Growth)	ST, AA ST, AA ST
INMETRO 165/2008 10-2012	Technical quality regulation for new tires used on passenger cars, including those intended for mixed use, and towed vehicles - Annex 1 (Dimensions) - Annex 2 (High Speed)	ST, AA, HE, PU ST, AA, HE, PU
INMETRO 205/2008 10-2012	Technical quality regulation for new tires used on commercial, light commercial and towed vehicles - Annex 1 (Dimensions) - Annex 2 (High Speed) - Annex 2 (Endurance)	ST, AA <sup>2</sup> , HE <sup>2</sup> , PU ST, AA, HE, PU ST, PU
SNI 0098 2012 08-2013	National Standard of Indonesia of Passenger Car Tires - 6.1 & 6.2 (Dimensions) - 6.3 (Bead Unseating) - 6.4 (Strength) - 6.5 & 6.6 (Endurance, Low Pressure) - 6.7 (High Speed)	ST, AA, HE, UV <sup>4</sup> , PJ, PU AA, HE, UV <sup>4</sup> , PJ <sup>4</sup> AA, HE, UV <sup>4</sup> , PJ ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU
SNI 0099 2012 08-2013	National Standard of Indonesia of Truck and Bus Tires - 6.1 & 6.2 (Dimensions) - 6.3 (Strength) - 6.4 (Endurance)	ST, PJ, PU PJ, PU ST, PJ, PU
SNI 0100 2012 08-2013	National Standard of Indonesia of Light Truck Tires - 6.1 & 6.2 (Dimensions) - 6.3 (Strength) - 6.4 (Endurance) - 6.5 (High Speed)	ST, AA, HE, UV, PJ, PU AA, HE, UV, PJ ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU
SNI 0101 2012 08-2013	National Standard of Indonesia of Motorcycle Tires - 6.1 & 6.2 (Dimensions) - 6.3 (Strength) - 6.4 (Endurance) - 6.5 (High Speed)	ST, AA, PJ AA, PJ ST, AA, PJ ST, AA, PJ

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TSD 109 2013 05-2014	New Tires and Certain Specialty Tires <ul style="list-style-type: none"> <li>- 5.1 (Dimensions)</li> <li>- 5.2 (Bead Unseating)</li> <li>- 5.3 (Strength)</li> <li>- 5.4 (Endurance)</li> <li>- 5.5 (High Speed)</li> </ul>	ST, AA, HE, UV <sup>4</sup> , PJ, PU AA, HE, UV <sup>4</sup> , PJ <sup>4</sup> AA, HE, UV <sup>4</sup> , PJ ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU
TSD 119 2013 05-2014	New Tires For Motor Vehicles With a GVWR of More Than 4,536kg and Motorcycles <ul style="list-style-type: none"> <li>- 6.2 (Endurance)</li> <li>- 6.3 (Strength)</li> <li>- 6.4 (High Speed)</li> </ul>	ST, AA <sup>2</sup> , HE <sup>1,2</sup> , PJ, PU <sup>1</sup> AA <sup>2</sup> , HE <sup>1,2</sup> , PJ, PU <sup>1,3</sup> ST, AA, HE <sup>1</sup> , PJ, PU <sup>1</sup>
TSD 139 2013 05-2014	New Radial Ply Tires for Motor Vehicles With a GVWR of 4536kg or Less <ul style="list-style-type: none"> <li>- 6.1 (Dimensions)</li> <li>- 6.2 (High Speed)</li> <li>- 6.3, 6.4 (Endurance, Low Pressure)</li> <li>- 6.5 (Strength)</li> <li>- 6.6 (Bead Unseating)</li> </ul>	ST, AA, HE, UV, PJ, PU ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU AA, HE, UV, PJ AA, HE, UV, PJ
MS 149 2018 10-2018	Specification for New Pneumatic Passenger Car Tyres <ul style="list-style-type: none"> <li>- Annex B (Dimensions)</li> <li>- Annex C &amp; D (Endurance, Low Pressure)</li> <li>- Annex E (High Speed)</li> <li>- Annex E.3 (Run Flat)</li> <li>- Annex F (Strength)</li> <li>- Annex G (Bead Unseating)</li> </ul>	ST, AA, HE, UV <sup>4</sup> , PJ, PU ST, AA, HE, PJ, PU ST, AA, HE, PJ, PU ST, HE, PU AA, HE, UV <sup>4</sup> , PJ AA, HE, UV <sup>4</sup> , PJ <sup>4</sup>
MS 1394 2017 01-2018	New Pneumatic Tyres for Highway Vehicles Other Than Passenger Cars – Specification <ul style="list-style-type: none"> <li>- Annex B (Dimensions)</li> <li>- Annex C (Endurance)</li> <li>- Annex D (Strength)</li> <li>- Annex E &amp; F (High Speed)</li> </ul>	ST, AA <sup>2</sup> , HE <sup>1,2</sup> , UV <sup>1,2</sup> , PJ, PU <sup>1</sup> ST, AA <sup>2</sup> , HE <sup>1,2</sup> , PJ, PU <sup>1</sup> AA <sup>2</sup> , HE <sup>1,2</sup> , UV <sup>1,2</sup> , PJ, PU <sup>1,3</sup> ST, AA, HE <sup>1</sup> , PJ, PU <sup>1</sup>
NTE INEN 2097 09-2012	Pneumatic Tires Type II and Type III - Test Methods <ul style="list-style-type: none"> <li>- 3.1 (Tire Dimensions)</li> <li>- 3.2 (Bead Unseating)</li> <li>- 3.3 (Strength)</li> <li>- 3.4 (Endurance)</li> <li>- 3.5 (High Speed)</li> </ul>	ST, PU AA AA ST, PU ST, PU
NOM-086-SCFI 10-2018	New radial tires, used by any vehicle with a gross weight equal to or less than 4,536 kg (10,000 pounds) - Safety specifications and testing methods <ul style="list-style-type: none"> <li>- 7.4 (Bead Unseating)</li> <li>- 7.5 (Strength)</li> </ul>	AA, HE, UV <sup>4</sup> , PJ <sup>4</sup> AA, HE, UV <sup>4</sup> , PJ

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NOM-086/1-SCFI 06-2011	Rubber Industry - New Radial Tires For Vehicles With A Gross Vehicle Weight Exceeding 4,536 kg (10,000 lb) And Bias Tires Of Any Load Capacity - Safety Specifications And Test Methods. <ul style="list-style-type: none"> <li>- 7.1 (Tire Dimension)</li> <li>- 7.2 (Bead Unseating)</li> <li>- 7.3 (Strength)</li> <li>- 7.4 (Endurance)</li> <li>- 7.5 (High Speed)</li> </ul>	ST, PU AA <sup>2</sup> AA <sup>2</sup> , PU <sup>3</sup> ST, AA <sup>2</sup> , PU ST, AA <sup>2</sup> , PU
PNS 25 1994	Pneumatic Tires – Specification <ul style="list-style-type: none"> <li>- 5.2.1 (Dimensions)</li> <li>- 7.2 (Bead Unseating)</li> <li>- 7.3 (Strength)</li> <li>- 7.4 (Endurance)</li> <li>- 7.5 (High Speed)</li> </ul>	ST, AA <sup>2</sup> , UV <sup>2,4</sup> , PJ, PU <sup>1</sup> AA, UV <sup>4</sup> , PJ <sup>4</sup> AA <sup>2</sup> , UV <sup>2,4</sup> , PJ, PU <sup>1,3,4</sup> ST, AA <sup>2</sup> , PJ, PU <sup>1</sup> ST, AA <sup>2</sup> , PJ <sup>2,3</sup> , PU <sup>1</sup>
Korean Label Regulation 2011/237 08-2016	Korean Regulations regarding car tire energy consumption efficiency measurements, grade standards, markings, etc. <ul style="list-style-type: none"> <li>- Schedule 1.1 &amp; 6 (Rolling Resistance)</li> <li>- Schedule 1.2 &amp; 1.3 (Wet Grip)</li> </ul>	ST CD, UV
ISO 10191 03-2010	Passenger Car Tyres - Verifying Tyre Capabilities - Laboratory Test Methods <ul style="list-style-type: none"> <li>- 5.3 (Endurance)</li> <li>- 5.4 (High Speed)</li> </ul>	ST, AA, PJ, PU ST, AA, PJ, PU
ISO 10231 10-2015	Motorcycle Tyres - Test Methods for Verifying Tyre Capabilities <ul style="list-style-type: none"> <li>- 5.1 (Strength)</li> <li>- 5.2 (Endurance)</li> <li>- 5.3 (High Speed)</li> <li>- 5.4 (Dynamic Growth)</li> </ul>	AA, PJ ST, AA, PJ ST, AA, PJ ST
ISO 10454 06-1993	Truck and Bus Tyres - Verifying Tyre Capabilities - Laboratory Test Methods <ul style="list-style-type: none"> <li>- 5.1 (Strength)</li> <li>- 5.2 (Endurance)</li> <li>- 5.2.3 (High Speed)</li> </ul>	PJ, PU ST, PJ, PU ST, PJ, PU
ISO 13325 2019	Tyres - Coast-by methods for measurement of tyre-to-road sound emission <ul style="list-style-type: none"> <li>- (Noise)</li> </ul>	CD, UV
ISO 15222 08-2011	Truck and bus tyres - Method for measuring relative wet grip performance - Loaded new tyres <ul style="list-style-type: none"> <li>- (Wet Grip)</li> </ul>	CD, UV

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ISO 16992 09-2018	Passenger Car Tyres – Spare Unit Substitutive Equipment (SUSE) - 7.1 (Run Flat) - 7.2 (Extended Mobility)	<b>ST, PJ, PU</b> <b>ST, PJ, PU</b>
ISO 23671 09-2015	Passenger car tyres - Method for measuring relative wet grip performance - Loaded new tyres - (Wet Grip)	<b>CD, UV</b>
ISO 28580 07-2018	Passenger car, truck and bus tyres - Methods of measuring rolling resistance - Single point test and correlation of measurement results - (Rolling Resistance)	<b>ST</b>

Labelling refers to the locations:

- 1 without M/C-tires
- 2 without T/B-tires
- 3 without LT/VAN-tires
- 4 without T-tires

**Abbreviations used:**

FMVSS	United States' Federal Motor Vehicle Safety Standards
GB/T	Guo Biao Tuijian (Chinese Recommended National Standard)
GSO	Standardization Organization of the Gulf Cooperation Council
INMETRO	Brazilian National Institute of Metrology, Normalization and Industrial Quality
IS	Indian Standard
MS	Malaysian Standard
NOM	Mexican Standard
NTE INEN	Ecuador Standard
PNS	Philippine National Standard
SNI	Standard Nasional Indonesia (Indonesian National Standard)
TSD	(Canadian) Technical Standards Document
UN	Vereinten Nationen (United Nations)

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