

THE NETHERLANDS
(N E D E R L A N D)**STATEMENT OF VALIDATION**

- Statement number** : RDW-00056687-00
- Subject** : Validation of snow performance and tyre size list relative to snow tyre for use in severe snow conditions according to UN Regulation No. 109.
- Scope** : Tyres retreaded by using either mould cure or pre-cured tread material(s) with the same major features including tread pattern(s) as a new tyre type approved according to UN Regulation No. 117 (according to paragraph 6.4.4.2. of UN Regulation No.109).

RDW, as the competent Administrative Department (Approval Authority) for the Netherlands, declares herewith that the snow grip performance of the selected test tyre type, having the here under mentioned pre-cured Tread Pattern(s), is tested in accordance with Annex 10 and meets the minimum required snow grip performance of article 7.2.1. of UN regulation No. 109. The tyre types mentioned on the attached tyre size list are covered by the test result of this representative tested tyre and considered to all meet the required snow grip performance level.

Identification of the pre-cured Tread Pattern(s) by the tread Manufacturer:
ContiTread HDW2 Scandinavia

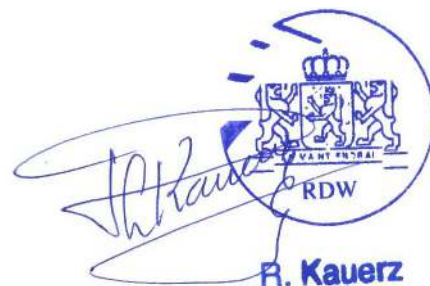
Related attachments to this statement:

- 1) A copy of the UN Regulation No. 117 certificate(s) and a copy of the appropriate test report(s)
- 2) The list(s) of tyre sizes to which it can be applied for the retreading process clearly identifying the tyres in order to make the relevant link with the list(s) quoted.
- 3) The drawing(s) of the tread pattern(s) covered by the UN Regulation No 117 certificate(s);
- 4) A copy of the last report of the Conformity of Production as required in UN Regulation No. 117 and demonstrating periodically the compliance with the requirement defined in paragraph 9.2.4. or 9.4.4.

Place : Zoetermeer

Date : 15 May 2019

Signature :



R. Kauerz

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ANNEX 1

Copy of the UN Regulation No. 117 certificate(s) and a copy of the appropriate test report(s):



ANNEX 2

List(s) of tyre sizes to which it can be applied for the retreading process clearly identifying the tyres in order to make the relevant link with the list(s) quoted:

ContiTread HDW 2 Scandinavia




UN R117 Certificate:	E4-117R-025233 S2WR2
Snow test report:	SNO2013D112159382
Description of tread pattern:	See attached file
List of applicable tread sizes:	TW230 TW240 TW250 TW260 TW270
List of applicable tire sizes	295/60R22.5 275/70R22.5 295/80R22.5 315/60R22.5 315/70R22.5 315/80R22.5





ANNEX 3

Drawing(s) of the tread pattern(s) covered by the UN Regulation No 117 certificate(s):

Description of Tread pattern ContiTread

Manufacturer Name		Continental		Continental		Continental	
Pattern name		HDW2 Scandinavia		HDW2 Scandinavia		HDW2 Scandinavia	
tread width		230		240		250	
pitch ratio		1:1		1:1		1:1	
Void volume		17,9		19,3		19,2	
width	main grooves [mm]	6,6/6/6/6,6		5,7/5,7/3,7/5,7/5,7		5,6/5,6/3,7/5,6/5,6	
Tread	depth [mm]	21,5		21,5		21,5	
Shoulder groove	depth [mm]	21,5		21,5		21,5	
Pattern							

Manufacturer Name		Continental		Continental	
Pattern name		HDW2 Scandinavia		HDW2 Scandinavia	
tread width		260		270	
pitch ratio		1:1		1:1	
Void to fill ratio		19,2		18,8	
width	main grooves [mm]	5,9/5,9/4/5,9/5,9		6/6/4,1/6/6	
Tread	depth [mm]	21,5		21,5	
Shoulder groove	depth [mm]	21,5		21,5	
Pattern					



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ANNEX 4

Copy of the last report of the Conformity of Production as required in UN Regulation No. 117. and demonstrating periodically the compliance with the requirement defined in paragraph 9.2.4. or 9.4.4.:



Continental Reifen Deutschland GmbH • Jadekamp 30 • 30419 Hannover • Germany

To Whom it May Concern

Central Quality Management
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Hannover, 21.03.2019

Statement of Measures Takes to Ensure Conformity of Production

Ladies and Gentlemen,

Continental Reifen Deutschland GmbH hereby confirms that measures to ensure continued Conformity of Production of pre-cured treads are performed worldwide in accordance with Continental's standard:

Quality Control Tire Functional Testing and Legal Compliance Testing for Commercial Tires

Document No.: HQST-V-MA-F-CF-WI -0159-06

Issue: 02

This process is controlled centrally by Central Quality Management in Hannover.

Since the above-mentioned document contains proprietary knowledge, we keep our documents confidential. The documents can be reviewed and discussed during personal meetings at our plant Stöcken, Hannover.

The above measures include testing of tyres retreaded with applicable pre-cured treads at least once in four years to verify conformance with Annex 10 of UN regulation 109.

Best Regards,



Dr. Frank Brouwer
Manager Product Review



Björn Bolze
Director Quality Management Truck Tires

