

Informal document No. GRRF-58-30
(58th GRRF, 20-23 September 2005,
agenda item 5.2.)

TYRE DRAFTING GROUP

REPORT

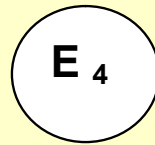
15 September 2005

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ARRANGEMENT OF TYRE MARKINGS

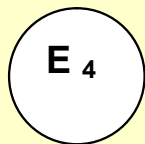
Two alternative approval marking regimes were discussed by the drafting group

Format 1

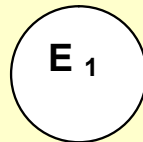


023637 + S or + W or +SW

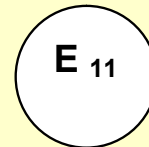
Format 2



023637 +



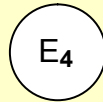
+ S



+ W

The following examples detail the possible marking scenarios and for display purposes example 5 shows both formats.

Example 1



001234 S

The above approval mark, affixed to a pneumatic tyre shows that a tyre concerned has been approved in the Netherlands (E4) pursuant to Regulation No. 117 (marked by “S” only), under approval number 001234. The first two digits of the approval number (00) indicate that the approval was granted according to the requirements of this Regulation in its original form.

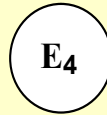
Example 2



001234 S 023637

The above approval mark shows that the tyre concerned has been approved in the Netherlands (E4) pursuant to Regulation No. 117 (marked by S (rolling sound) only) and R.30. The first two digits of the approval numbers indicate that, at dates when the respective approvals were granted, Regulation No. 117 was still in its original form, but Regulation No. 30 included the 02 series of amendments.

Example 3



011234 S or W or SW

The above approval mark shows that the tyre concerned has been approved in the Netherlands (E4) pursuant to Regulation No. 117 (marked by S (rolling sound) or W (wet adhesion) or both SW), under approval number 011234 . This indicates that the approval is for S (rolling sound), W (wet adhesion) or both SW. The first two digits of the approval number (01) indicate that the approval was granted according to the 01 series of amendments.

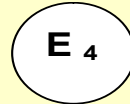
Example 4



011234 S or W or SW + 023637

The above approval mark shows that the tyre concerned has been approved in the Netherlands (E4) pursuant to Regulation No. 117 (marked by S (rolling sound) or W (wet adhesion) or both SW), under approval number 011234 . This indicates that the approval is for S (rolling sound), W (wet adhesion) or both SW. The first two digits of the approval number (01) indicate that the approval was granted according to the 01 series of amendments, but Regulation No. 30 included the 02 series of amendments. The addition (+) sign indicates that the first approval was granted in accordance with R. 117 and has been extended to include a R. 30 approval.

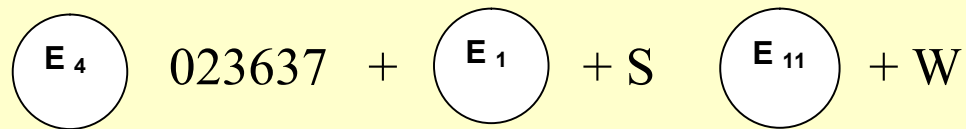
Example 5



023637 + S or + W or +SW

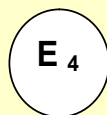
The above approval mark shows that the tyre concerned has been initially approved in the Netherlands (E4) pursuant to Regulation No. 30 and the 02 series of amendments under approval number 023637. It is also marked by + S or +W or both + SW which indicates that it has had its approval extended under R. 117. This indicates that the approval is for S (rolling sound), W (wet adhesion) or both SW. The first two digits of the approval number (02) indicate that the approval was granted according to Reg. 30 which included the 02 series of amendments. The addition (+) sign indicates that the first approval was granted in accordance with R. 30 and has been extended to include R. 117 approval(s).

Example 5 cont'd



The above approval mark shows that the tyre concerned has been initially approved in the Netherlands (E4) pursuant to Regulation No. 30 and the 02 series or amendments under approval number 023637. The approval for rolling sound emissions (S) was carried out by Germany (E1), and the approval for wet adhesion (W) was carried out by the UK (E11). The addition (+) sign indicates that the first approval was granted in accordance with R. 30 and has been extended to include R. 117 approval(s).

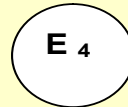
Example 6



023637 + S01 or + W01 or + SW01

The above approval mark shows that the tyre concerned has been initially approved in the Netherlands (E4) pursuant to Regulation No. 30 and the 02 series of amendments under approval number 023637. This indicates that the approval is for S (rolling sound), W (wet adhesion) or both SW. The S, W or SW followed by (01) indicates that it has had its approval extended under R. 117 which included the 01 series of amendments. The first two digits of the approval number (02) indicate that the approval was granted according to Reg. 30 which included the 02 series of amendments. The addition (+) sign indicates that the first approval was granted in accordance with R. 30 and has been extended to include R. 117 approval(s).

Example 7



001234 S or W or SW + 005432

The above approval mark shows that the tyre concerned has been approved in the Netherlands (E4) pursuant to Regulation No. 117 (marked by S or W or both SW), and R 54. This indicates that the approval is for rolling sound (S), wet adhesion (W) or both SW. The first two digits of the approval numbers (00) indicate that, at the dates when the respective approvals were granted, Regulation Nos. 117 and 54 were still in its original form. The addition (+) sign indicates that the first approval was granted in accordance with R.117 and has been extended to include a R. 54 approval.

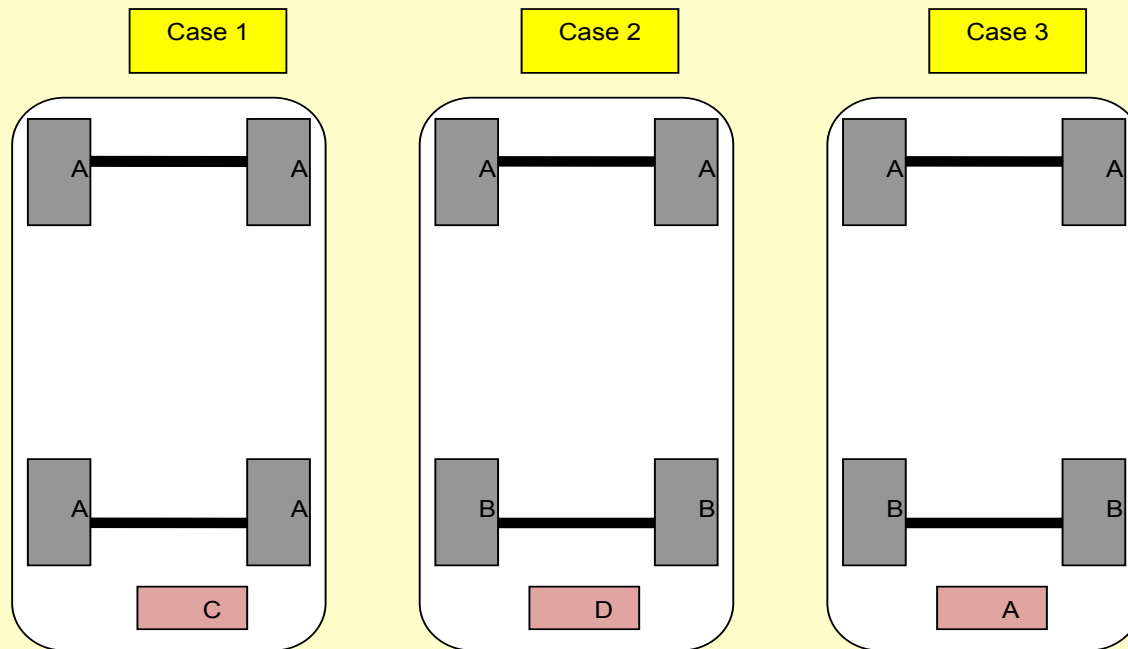
THANK YOU

FOR YOUR ATTENDANCE

15 September 2005

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Normal tyre temporary use



Case 1 is clear. The spare is of a different size (C), thus gets a sticker and is limited to 120 km/h in use.

Case 2 is also clear. The vehicle is equipped with different tires and/or wheels on the front and back axles and the spare is of a 3rd size (D). The spare gets a sticker and is limited to 120 kph.

In case 3, the front and rear fitments are different, but the spare is the same as the front tire (A). If the spare is used on the rear the sticker is there and the limit is 120 kph. When the spare is used on the front axle, however, there's a problem, because there's a sticker on the wheel limiting speed to 120 kph, even though the tire/wheel combination is the same as the one present originally. I don't know whether this case actually exists, but it could cause a problem for some OEMs if it does.