

Proposal for Supplement 11 to the 00 series of amendments to Regulation No. 109

Submitted by the expert of France

The text reproduced below was prepared by the expert of France to update and revise the 00 series of amendments to Regulation No. 109.

The proposed amendments are marked, in bold for new or strike-through for deleted characters.

I. Proposal

4.1.5.3.1.3. For tyres retreaded by using mould cure tread material with a tread pattern covered by paragraph 6.4.4.3. the list shall clearly identify the tyres in order to make the relevant link with the list(s) quoted in paragraph 6.4.4.3. b).

5.4. Before granting approval the authority must be satisfied that retreaded tyres conform to this Regulation and that the tests have been successfully carried out:

- (a) On at least five and not necessarily more than 20 samples of retreaded tyres representative of the range of tyres produced by the retreading production unit when prescribed according to paragraphs 6.5. and 6.6.1. and;
- (b) On at least one sample of retreaded tyres, of each pattern ~~not~~ covered by paragraphs 6.4.4.1. and 6.4.4.2 **3.**, representative of the range of tyres produced by the retreading production unit when prescribed according to paragraph 6.6.2.* In case of paragraph 6.4.4.2., the Type Approval Authority might request a test of compliance for the retreaded tyre. Testing of sampled sizes may be confined to a worst case selection*, at the discretion of the Type Approval Authority or designated Technical Service.

6.4.4.1. For tyres retreaded by using pre-cured tread material(s) with a tread pattern not covered by paragraph 6.4.4.2. having to fulfil the requirements of paragraph 7.2.* the retreader shall ensure that the material manufacturer(s) or the material supplier(s) of the pre-cured tread(s) provides ~~(a) T~~ to the Type Approval Authority (TAA) and the Technical Service issuing the approval according to this Regulation and optionally to the retreader:

- (i) **(a)** A copy of the test report(s) as in Annex 10, Appendix **2 and/or** 3 of the representative tyre size(s) (see definition in paragraph 2.) demonstrating compliance of the pre-cured tread(s) to the requirements of paragraph 7.2.
- ~~(b) To the retreader~~
- (ii) **(b)** The list(s) of tyre sizes to which it can be applied for the retreading process and validated by the same designated Technical Service and TAA which issued the test report(s) **requested** in paragraph 6.4.4.1. (a). The list(s) shall include at least the tyres defined in paragraph 4.1.5.3.1.1.
- (iii) **(c)** A copy of the measures taken to ensure the conformity of production. These measures shall include test results demonstrating that the minimum levels of the snow performances required in paragraph 7.2.1 will be maintained and demonstrating periodically the compliance with the requirement defined in paragraph 9.2.3. or 9.4.3.

6.4.4.2. For 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 having fulfilled the requirements about minimum snow performance in severe snow conditions, the retreader shall ensure that the manufacturer of the new tyre type provides ~~(a) T~~ to the Type Approval Authority (and the Technical Service) issuing the approval according to this UN Regulation and optionally to the retreader :

(a) ~~a~~ A copy of the UN Regulation No. 117 certificate(s) and a copy of the appropriate test report(s) issued by a designated Technical Service** demonstrating compliance of the new tyre to the minimum snow performance in severe snow conditions.

~~(b) To the retreader:~~

~~(i)~~ ~~(b)~~ The list(s) of tyre sizes to which it can be applied for the retreading process and validated by the same designated Technical Service** and ~~or~~ Type Approval Authority that issued the UN Regulation No. 117 certificate(s). The list(s) shall include at least the tyres defined in paragraph 4.1.5.3.1.2.;

~~(ii)~~ ~~(c)~~ The drawing(s) of the tread pattern(s) covered by the UN Regulation No 117 certificate(s);

~~(iii)~~ ~~(d)~~ 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.

6.4.4.3. For tyres retreaded by using mould cure tread material(s) with a tread pattern not covered by paragraph 6.4.4.2. having to fulfil the requirements of paragraph 7.2.* the retreader shall provide to the Type Approval Authority (TAA) and the Technical Service issuing the approval according to this Regulation:

(a) A copy of the test report(s) as in Annex 10, Appendix 2 and/or 3 of the representative tyre size(s) (see definition in paragraph 2.) demonstrating compliance of the mould cure tread(s) to the requirements of paragraph 7.2.

(b) The list(s) of tyre sizes to which it can be applied for the retreading process and validated by the same designated Technical Service and TAA which issued the test report(s) requested in paragraph 6.4.4.3. (a). The list(s) shall include at least the tyres defined in paragraph 4.1.5.3.1.3.

(c) A copy of the measures taken to ensure the conformity of production. These measures shall include test results demonstrating that the minimum levels of the snow performances required in paragraph 7.2.1 will be maintained and demonstrating periodically the compliance with the requirement defined in paragraph 9.2.2. or 9.4.2.

6.4.4.4. The test report(s) and the list(s) of tyre sizes requested in paragraphs 6.4.4.1., 6.4.4.2. and 6.4.4.3 shall be signed by the Technical Service which performed or supervised the tests and by the TAA which notified this Technical Service (paragraphs 11 and 12 of Annex X, Appendices 2 and 3).

9.2.2. At least 1 tyre once every two years in order to verify conformity of the performance of the snow tyres for use in severe snow conditions fulfilling paragraph 6.6.2. and ~~not~~ covered by paragraphs ~~6.4.4.1. or 6.4.4.2.~~ **6.4.4.3.**

9.4. The authority which has approved the retreading production unit may at any time verify the conformity control methods applied in each production facility including among others the prescriptions defined in the paragraph 6.4.4.1.c, ~~and~~ 6.4.4.2.e. **d. and 6.4.4.3.c.** For each production facility, the type Approval Authority shall take samples at random and at least the following number of tyres, representative of the range being produced, shall be checked and tested as prescribed in this Regulation:

9.4.2. At least 1 tyre once every two years in order to verify conformity of the performance of the snow tyres for use in severe snow conditions fulfilling paragraph 6.6.2. and ~~not~~ covered by paragraphs ~~6.4.4.1. or 6.4.4.2.~~ **6.4.4.3.**

II. Justification

The following requirements of Regulation 109 need to be clarified:

- Signature of the 3PMSF test reports:

The TAA issuing the Type Approval according to R109 needs, as requested by Annex X, Appendices 2 and 3, §11 and §12, a test report(s) signed by the Technical Service which performed or supervised the tests **and** by the TAA which notified this Technical Service.

These tests reports are requested to prove the conformity of the pre-cure and mould cure retreaded tires to the requirements of paragraph 7.2.

In all case (mould cure or pre-cured, R117 pattern or not), the list(s) of tyre sizes intended to be retreaded, shall be also validated by the Technical Service which performed or supervised the tests **and** by the TAA which notified this Technical Service.

- Mould cure retreaded tyre (not UN R117 pattern):

The requirements applicable to mould cure retreaded tyre (with tread pattern not approved according to UN R117) are not clearly defined in the regulation.
