

PROPOSAL FOR DRAFT AMENDMENT TO REGULATION No. 30

(Pneumatic tyres)

Transmitted by the expert from the United Kingdom

The following is a consolidation of section" 4 - Application for Approval" of document TRANS /WP.29/GRRF/2004/9 transmitted by the ad-hoc tyre wet grip group to amend R.30. There have been many proposed amendments and re-numbering of paragraphs particularly within section 4 - therefore to assist GRRF this consolidation was prepared.

4 APPLICATION FOR APPROVAL

- 4.1 The application for approval of a type of pneumatic tyre shall be submitted by manufacturer or by his duly accredited representative. It shall specify:
 - 4.1.1 The manufacturer;
 - 4.1.2 The address of the manufacturer;
 - 4.1.3 The name and address of the manufacturing plants in which the tyre is to be produced;
 - 4.1.4 A list of all Brand Names, Trade Names, Trade Descriptions or Trade Marks to be applied to the tyre type (Note: this information is to register all names under which the approved tyre is to be marketed, that is, to take account of the practice of "own branding");
 - 4.1.5 The category of use (ordinary (road type), or snow tyre or for temporary use);
 - 4.1.5.1 The category of use with regard to the requirements for wet grip performance (see paragraph 6.4), that is, ordinary (road type), snow tyre (marked "M+S", "M.S" or "M&S") having a speed capability up to and including 160km/h (speed symbol up to "Q" except "H"), or snow tyre (marked "M+S", "M.S" or "M&S") and having a speed capability greater than 160km/h (speed symbol "R" and above, plus "H");
 - 4.1.6 Structure: diagonal (bias ply), bias belted or radial;
 - 4.1.7 The tyre size designation as defined in paragraph 2.17 of this Regulation;
 - 4.1.8 The speed category;
 - 4.1.9 The load capacity index of the tyre;

- 4.1.10 Whether the tyre is to be used with or without an inner tube;
- 4.1.11 Whether the tyre is “standard” or “reinforced” or “T type temporary use spare tyre”;
- 4.1.12 The ply rating number of diagonal (bias ply) tyres;
- 4.1.13 The overall dimensions: overall section width and outer diameter;
- 4.1.14 The tyre cross section, that is the envelope of the inflated tyre mounted on the measuring rim, showing the relevant dimensions (see paragraphs 6.1.1 and 6.1.2).
- 4.1.15 The rims on which the tyre can be mounted;
- 4.1.16 the measuring rim and test rim;
- 4.1.17 The test pressure where the manufacturer requests the application of annex 7, paragraph 1.3 to this Regulation;
- 4.1.18 The factor “x” referred to in paragraph 2.20 above;
- 4.1.19 For tyres suitable for speeds in excess of 300km/h, the maximum speed permitted by the tyre manufacturer and the load carrying capacity allowed for that maximum speed. The tyre manufacturer must also specify these values in the technical literature for the tyre type;
- 4.1.20 The tyre type identification with regards to the requirements of paragraph 6.4 (wet grip performance) and, where appropriate, details of existing test reports relevant to this tyre type.

In the case where this is the first application for approval of a tyre type to the requirements of paragraph 6.4 (wet grip performance), which will subsequently form the basis of approval of a range of tyres within the definition of type given in paragraph 4.3.1, a list of tyre size designations, speed category symbols, load capacity indices or ply rating numbers in the case of diagonal ply tyres, shall be submitted regarding the tyres to be manufactured within that range.

- 4.2 The application for approval shall be accompanied (all in triplicate) by a sketch, or by a representative photograph, which identify the tyre tread pattern and a sketch of the envelope of the inflated tyre mounted on the measuring rim, showing the relevant dimensions (see paragraphs 6.1.1 and 6.1.2) of the tyre submitted for approval. The details shall be sufficient to allow the Type Approval Authority or Technical Service to assess the effect of any changes on the wet grip performance of the tyre. The effect of any minor changes will normally be apparent during Conformity of Production checks. It shall also be accompanied either by the test reports issued by the approved Test Laboratory or by one or two samples of the tyre type, at the discretion of the competent authority. Drawings or photographs of the side wall and tread of the tyre shall be submitted once production has been established, no later than one year after the issue of the type approval.

- 4.3 For the purposes of defining “type” with respect to compliance with the requirements of paragraphs 6.1 to 6.3 inclusive, the tyre shall not differ in such essential characteristics as those given in the information required by paragraphs 4.1.1 and 4.1.5 to 4.1.13 inclusive.
- 4.3.1 For the purposes of defining “type” with respect to compliance with the requirements of paragraph 6.4, the range of tyres shall not differ in such essential characteristics as those given in the information required by paragraphs 4.1.1, 4.1.5.1, 4.1.6 and the tread pattern as indicated by the information required by paragraph 4.2.
- 4.4 Where a tyre manufacturer submits an application for a range of tyres, it is not considered necessary for the purposes of compliance with the requirements of paragraph 6.2 to carry out a load/speed test on every type of tyre within the range. Worst case selection may be made at the discretion of the approval authority.
- For the purposes of compliance with paragraph 6.4, the type approval authority may make a worst case selection from the range of tyres covered by the information required by paragraph 4.1.20.
- 4.5 The competent authority shall verify the existence of satisfactory arrangements for ensuring effective control of the conformity of production before type approval is granted.
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