**Case by Case list of amendments to GTR #16 on tyres.**

Document : TYREGTR-2#-##

Agenda item #.

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| Proposed amendments proposed by Contracting Parties |
| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| **Scope** |  |  |  |  |  |
| 1.3 | Removed | LT/C Tyres with Speed Symbol less than Q,Removed from GTR scope and add in HS test scope and in part A of the GTR | TYREGTR 18-26 , IWG17/9 | Agreed, changed, highlighted |  |
| 1.3 | Removed | Current 1.3 a and 1.3 b moved to 1.2 c and d.1.3 to be removed.. | Tyre GTR IWG Session 17  | Agreed, changed, highlighted |  |
| 1.3 | 1.2 (c) | Addition of ‘in highway service’ to ST tyres | Tyre GTR IWG Session 17  | Agreed, changed, highlighted |  |
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| Proposed amendments from UN-ECE Regulations R30, R54, R117.02 amendments  |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| **Definitions** |  |  |  |  |  |
| 2.9 |  | Brandname | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | Definitions |
| 2.12& Varia |  | Removal of the word ‘pneumatic’ in 2.12, 2.32, 2.47, 2.53, 2.57, 2.62 |  | Agreed, changed, highlighted |  |
| 2.## |  | Manufacturer | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted |  |
|  |  |  |  |  |  |
| 2.56 |  | PSI Index | ECE/TRANS/WP.29/2016/52  | Agreed, changed, highlighted |  |
| 2.## |  | Trade description/commercial name | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted  |  |
| **Markings** |  |  |  |  |  |
| 3.1.1.5& varia |  | Removal of ‘pneumatic’ and tires out of GTR scope3.1.1.5, 3.5.1 |  | Agreed, changed, highlighted |  |
| 3.3.1.2.1. |  | The manufacturer’s name  | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | Markings |
|  |  | The trade description/commercial name  | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted |  |
| 3.3.8 |  | Marking M&S for special use, R54 Ok. R30? | ECE/TRANS/WP.29/2016/52(R54)ECE/TRANS/WP.29/201#/## (R30) | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.3.13.5 |  | Marking M&S for special use, R54 Ok. R30? | ECE/TRANS/WP.29/2016/52(R54)ECE/TRANS/WP.29/201#/## (R30) | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.3.14. |  | Suffix LT after the service description | ECE/TRANS/WP.29/GRRF/2015/66 | Agreed, changed, highlighted |  |
| 3.5.1 |  | Addition of ‘passenger’ | To avoid confusion with LT/C | Agreed, changed, highlighted |  |
|  |  | Renumbering due to insertions/deletions |  | To be done |  |
| **Calculations** |  |  |  |  |  |
| 3.5.33.5.6.1.1 |  | Section width, passenger tires | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | Calculations |
| 3.5.43.5.6.2.1 |  | Outer diameter of tyre | ECE/TRANS/WP.29/2016/51  | Agreement to remove 8” diameter from the table annex 3 (out of scope)Agreed, changed, highlighted |  |
| **Testing** |  |  |  |  |  |
| 3.16.4.7 |  | Endurance test speeds in km/h ipo rpm | ECE/TRANS/WP.29/2016/52  | Agreed, changed, highlighted |  |
| New 3.20.2 and 3.20.3 |  | High flotation sizes requirements and specifications introduced in R54 and Annex 5 limited to Legacy in R54 | ECE/TRANS/WP.29/2018/55ECE/TRANS/GRRF/2018-5 | Agreed, changed, highlighted | Bxl Oct 2018 |
| New 3.20.2.1 |  | S1 is the nominal section width (in mm) calculated by taking the valued shown on the side wall of the tyre multiplied by 25.4 in the designation of the tyre as prescribed; (high flotation) |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| New 3.20.6 |  | Dmin/Dmax for high flotation |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| **Annexes** |  |  |  |  |  |
| 3 |  | Nominal Rim Diameter code table | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | Annexes |
|  |  | Addition of 8” and 9” codes which are in the scope of the tyre GTR |  | Agreed, but 8” to be removedAgreed, changed, highlighted |  |
| 6 |  | Update of the table (High Flotation) | ECE/TRANS/WP.29/2016/52  | Agreed, but removing 8” tyresAgreed, changed, highlighted |  |
| 9 |  | Calculation of theoretical rims High Flotation sizes | GRRF 2018/5  | Agreed, changed, highlighted | Bxl Oct 2018 |
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| Proposed amendments from harmonization/editorial activities |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| 1. | 1.  | SCOPE |
| 1.2 (e) |  | Clarification that only C3 LT sizes are in the scope | AI IWG18-17 | Agreed, changed, highlighted | Bxl oct 2018 |
| 1.2 (e) | 1.2 (e) | Addition of “class” before “C3” |  | Added, To be reviewed |  |
|  | 1.3 | Addition of a clarification on the tire categories |  | Agreed, changed, highlighted | Bxl oct 2018 |
| **Definitions** |  |  |  |  |  |
| 2.24 |  | Removal of ‘pneumatic’ |  | Agreed, changed, highlighted | D  efinitions |
| *2.32.* |  |  "Load index" means a numerical code which indicates the maximum load rating |  | Agreed, changed, highlighted | Bxl oct 20182018 |
| *2.33.* |  | “Load capacity” means the maximum load that a tyre is able to carry subject to the maximum design speed of the vehicle, the tyre speed symbol and the tyre class. Annex 5 specifies the Tyre Load Capacity variation for class C1 (Passenger Car) and class C2 or C3 (LT/C) tyres  |  | Agreed, changed, highlighted | Bxl oct 2018 |
| *2.38 .* |  | "Maximum load rating" means the reference mass load used to define the load capacity of the tyre. |  | Agreed, changed, highlighted | Bxl oct 2018 |
| Varia |  | Check the occurences of ‘load capacity’ and correct if necessaryCorrected in:3.9.3.33.11.7.23.12.2.3.1.4.23.12.2.3.2.5.23.12.3.2.2.2.33.12.3.2.2.2.4 (3x)3.22.4.4 (3x)3.23.3.1.4.2 (2x)3.23.4.7.4.1Annex 2Kept in3.3.3 | IWG 19-16 | Agreed, changed, not highlighted | B Bxl oct 2018xl oct 2018 |
| 2.34 |  | Removal of references to annex 6 because redundant with the definitions.  |  | Agreed, changed, highlighted |  |
| 2.34 |  | Addition of ‘C’ tyres, and new table reflecting the agreement from IWG meeting in Moscow to include IP 200kPa.Addition of ‘non applicable ‘ fo 170-199 <= 295 and to ‘500-599’ >295.Added ‘mm’ |  | Agreed, changed, highlighted |  |
| 2.41 |  | “Measuring Rim width”Refer to the annex 9. | IWG18/8 | Agreed, changed, highlightedhighlighted, between brackets tbd |  |
| 2.41 |  | Remove the part ‘ on which the tyre is fitted for … dimensions’Reference to annex 9 as per AI IWG17/5 |  | Agreed, changed, highlighted |  |
|  | 2.4x | Minimum and Maximum rim widths |  | Agreed, changed, highlighted |  |
| 2.43 |  | Nominal Section width: Tyre Industry to create a definition of nominal section width |  | Agreed, changed | Geneva Sept 2018 |
| 2.56 |  | PSI index definition updated.We keep ‘for single application’ because we need to refer to it in the marking.‘Single application’ added |  | Agreed, changed, highlighted | Geneva Sept 20183 |
| 2.66 |  | Section Width: addition of ‘S’ | Need to remove ‘pneumatic’t | Agreed, changed, highlighted |  |
| 2.67 |  | Service description, clarification of single/dual load index, moved from 2.32 “Load Index”, and inclusion of the single point marking (alternative service description). | IWG 18/16 | Agreed, changed, highlighted |  |
| 2.77-2.80 |  | Proposal from RMA to remove year references to SRTT | Consider outside of the GTR (stick to compendium or harmonization) | Agreed, changed, highlighted |  |
| 2.82  |  | “Test rim” : means a rim on which the tire is fitted for testing. |  | Agreed, changed, highlighted |  |
| 2.85 |  | Theoretical rim width | IWG 18/7 | Agreed, changed, highlighted |  |
| 2.86 |  | Replace ‘traction’ by ‘spin traction/ |  | Agreed, changed, highlighted | Definitions |
| 2.86 |  | Reference to F1805 without year | Will be issue for some countries (Canada). | Rejected, year date will be kept.The Technical rationale will indicate how to fix the issues associated with the standard year. |  Bxl oct 2018 |
| 2.XX |  | Definition of Metric size  |  | Agreed, changed, highlighted |  |
| 2.XX |  | Definition of High Flotation size |  | Agreed, changed, highlighted |  |
| 2.31 |  | Definition of Light Truck – Commercial LT/C |  | Agreed, changed, highlighted |  |
| 2.31 |  | CP section added for the sake of compleness |  | Agreed, changed, highlighted  | BXL oct 2018 |
| 2.32 |  | Modified Definition of Load Index |  | Agreed, changed, highlighted |  |
| 2.32 |  | Remove ‘carrying’ for consistency with 2.33 | Clarification, consistency | Agreed, changed, highlighted | Geneva Sept 18 |
| 2.38 |  | Maximum Load rating |  | Agreed, changed, highlighted |  |
| 2.43 |  | Nominal Section width, including High Flotation tires | Explanations to be removed | Agreed, changed, highlighted |  |
| 2.Xx(>2.96) |  | Size coding for metric and high flotation sizes |  | Agreed, changed, highlighted |  |
| Requirements |  |  |  |  |  |
| 3.1.2.1 |  | Replace ‘will’ by ‘shall’ |  | Agreed, changed, highlighted | Requirements |
| 3.2.1.2 |  | Replace ‘will’ by ‘shall’ |  | Agreed, changed, highlighted |  |
| 3.3.1.2.3.3.1 |  | Load range marking at the discretion of the CP’s |  | Agreed, changed, highlighted |  |
| 3.3.5 |  |  Load/Inflation marking referring to FMVSS 139 ipo FMVS119? |  | Rejected, keep as it is. |  |
| 3.3.5 |  | Removal ofThe Reference Test Inflation Pressure shall be marked on the tyre if it differs from the inflation pressure marked for single application above, shown as follows: |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.3.5 |  | Addition of: The inflation pressure marked for single application shall be taken as the Reference Test Inflation Pressure, unless the Reference Test Inflation pressure is marked separately as follows (footnote): |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.3.5 |  | (footnote) In line with the definition of the Reference Test inflation Pressure, the inflation pressure marked for single application shall be equal or higher than the reference test inflation pressure. |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.3.5 |  | Replacement of the text “Reference Test Inflation Pressure” in the marking by “TEST @” “TEST INFL :” “@” |  | Added, To be reviewed |  |
| 3.3.5 & varia |  | Remove all occurrences of ‘type’ in ‘LT/C type’ |  | Agreed, changed, highlighted |  |
| 3.3.13.5 |  | M&S allowed for Special use |  | Agreed, changed, highlighted |  |
| 3.3.11 |  | Reference Test Inflation Pressure | Change from ‘shown in the marking’ to ‘to be marked’ | Agreed, changed, highlighted |  |
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|  |  |  |  |  |  |
| 3.3.15 |  | Marking for CP tires clarified |  | Agreed, changed, highlighted | Bxl oct 2018 |
| 3.5.3 |  | Replace ‘measuring’ by ‘test’Removal of ‘as declared…’ |  | Agreed, changed, highlighted |  |
| ~~3.5.3~~New3.20.3 |  | Remove ‘and measured on the measuring rim’ | Deleted | Agreed, See 3.20.3 below |  |
| 2.32 |  |  |  |  |  |
| 3.4.x  |  | TWI marking requirements | TYREGTR-20-12 rev 1 approved by TYREGTR-20-15 | Agreed, changed, highlighted | Bxl oct 2018 |
| 3.5.5.1 |  | Test rims referred to in Annex 9 ipo Industry Standards |  | Agreed, changed, highlighted |  |
| 3.5.2.2.1 |  | Tolerances | JATMA |  ~~Currently changed~~, highlighted, removed | Bxl oct 2018 |
| 3.5.6.1.1 |  | Remove ‘theoretical’ to be consistent with the definitions |  | Agreed, changed, highlighted |  |
| 3.5.6.2.1 |  | Remove references to diagonal and bias as per scope of GTR |  | Agreed, changed, highlighted |  |
| 3.6.1 |  | Addition of ‘as calculated in 3.6.2.6’ |  | Agreed, changed, highlighted |  |
| 3.6.2.1.13.6.2.43.6.2.4.13.6.2.4.2 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl oct 2018 |
| 3.6.2.5 |  | Addition of text clarifying the use of the calculations (ETRTO proposal) | . | Rejected |  |
| 3.6.2.5 |  | New sentence from FMVSS will be added to replace the proposal of ETRTO on calculations | In square brackets | Agreed, changed, highlighted |  |
| 3.6.2.5 |  | Bottom out as pass | Part on bottom out as pass between brackets | Agreed, changed, highlighted [ ] |  |
| 3.7.2.2.1 |  | Tolerances | JATMA |  ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.8.4.5.1 |  | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
| 3.8.4.5.3 |  | Text cleaning and reference to; Reference test Inflation Pressure’ |  | Agreed, changed, highlighted |  |
| 3.8.4.5.3.1 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.9.2.2.13.9.3.13.9.3.1.13.9.3.1.23.9.3.1.33.9.3.2 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.10.3.23.10.3.2.13.10.3.2.23.10.3.2.33.10.3.5 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.11 |  | **High Speed Performance Test for Passenger tyres** |
| 3.11.2.1 |  | Change to a test rim with a width comprised between the minimum and maximum width as per annex 9. The rim contour shall be one of those specified for the fitment of the test tyre.  |  | Agreed, changed, highlighted |  |
| 3.11.2.1.13.11.3.13.11.3.1.13.11.3.1.23.11.3.1.33.11.3.1.63.11.4.2.13.11.5.6 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.11.4.1 |  | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
| 3.12.2.3.2.5.1 |  | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
| 3.12.3.2.1.2.1 |  | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
| To be discussed |  | Change from “Inflation pressure marked on the sidewall “ to Reference Test Inflation Pressure |  | Agreed, changed, highlighted |  |
| 3.12.3.2.2.2.5.1 |  | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
| 3.12.2.3.1.7.1 |  | Change reference from “paragraph 2.5” to “paragraph 2” |  |  |  |
| 3.12.2.3.1.4.4 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.12.3.2 |  | Remove the references to categories from SR1And typo on ‘vehicle’ |  | Agreed, changed, highlighted | Move this point to the regulatory part |
| 3.12.3.2.1.2.1.1 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.12.3.2.2.1 |  | Remove the references to categories  |  | Agreed, changed, highlighted |  |
| 3.12.3.2.2.2.3.1. |  | Tolerances | JATMA |  ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.13 |  | Clarification, Run Flat test only for passenger |  | Agreed, changed, highlighted |  |
| 3.13 |  | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
| 3.13.1.2.1.3.13.1.4 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.14.1 |  | Strength test aligned to 2.34 (Load range) to incorporate ‘C’ tires.‘not applicable’ added to empty cells. | linked with table 2.34 | Agreed, changed, highlighted |  |
| 3.14.2 |  | Reference to Reference Test Inflation Pressure |  | Agreed, changed, highlighted |  |
| 3.14.3.13.14.3.1.13.14.3.1.2 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.14.3.2 |  | If the tyre fails to break before the plunger is stopped on reaching the rim, and the required minimum breaking energy is not achieved, then the tyre is deemed to have passed the test at that point.  | Part on bottom out between brackets.  | Agreed, changed, highlighted [] |  |
| 3.14.3.2 |  | In this case, the value reported in paragraph 3.14.3.3 for this point will be the minimum required as define in table in paragraph 3.14.1. | Calculations to be replaced by proposal made by Brad (current FMVSS) | Highlighted, tbd???  |  |
| 3.14.3.2 |  | Bottom out as pass |  | Highlighted, changed, tbd |  |
| 3.15.2.2 |  | Bead unseating test aligned to 2.34 (load range) to incorporate ‘C’ tires | linked with table 2.34 | Agreed, changed, highlighted |  |
| 3.15.2.2.1 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.15.3.4. and.5 |  | Duplication of previous sentences |  | Agreed, changed, highlighted |  |
| **3.16** |  | **High Speed performance test for LT/C tyres with speed symbol ≥ ‘Q’** (*Harmonized)* |
|  | 3.16 | High Speed performance test for LT/C tyres | TYREGTR-20-09 as amended and approved by TYREGTR-20-15 | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.16.1.5 |  | Clear reference to the alternative Service Description |  | Highlighted, tbd |  |
| 3.16.2.1 |  | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
| 3.16.2.3 |  | Reference to Reference Test Inflation Pressure |  | Agreed, changed, highlighted |  |
| 3.16.2.3 |  | Removal of the OD growth (3.5%) |  | To be discussed, changed |  |
| 3.16.2.3.13.16.3.1.13.16.3.1.23.16.3.1.3 |  | Tolerances | JATMA |  ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
|  |  | Temperature change for Q, R to 35+/-3 |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.16.3.53.16.4.2.1 |  | Tolerances | JATMA |  ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.16.4.7 |  | Remove references to diagonal and bias as per scope of GTR (endurance test program) |  | Agreed, changed, highlighted |  |
| 3.19 | **3.17** | **High speed performance test for LT/C tyres with speed symbol < ‘Q’** |
|  | 3.17 | Previous 3.19 rescoped to SS < ‘Q’ |  |  |  |
|  | 3.17.2.1.13.17.3.13.17.3.1.13.17.3.1.23.17.3.1.33.17.3.2 | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
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| 3.17 | **3.18** | **Endurance test for LT/C tyres (***from FMVSS 139, non harmonized)* |
| 3.17.2.1 | 3.18.2.1 | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted |  |
|  |  | Table with Reference Test Inflation Pressure | Justification in technical rationale on RTIP | Agreed, changed, highlighted |  |
|  | 3.18.2.1.1 | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl oct 2018 |
|  |  |  |  |  |  |
| 3.18 | **3.19** | **Low inflation pressure performance test for LT/C tyres (***from FMVSS 139, non harmonized)* |
| 3.18.2.1 | 3.19.2.1 | Low inflation pressure performance test aligned to 2.34 (load range) to incorporate ‘C’ tires | linked with table 2.34 | Agreed, changed, highlighted |  |
| 3.18.2.1.1 | 3.19.2.1.1 | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.18.3.23.18.3.2.13.18.3.2.23.18.3.2.3 | 3.19.3.23.19.3.2.13.19.3.2.23.19.3.2.3 | Tolerances | JATMA |  ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| **.**  |
|  | **3.20** | **Endurance test for LT/C tyres with Speed Symbol < ‘Q’** (from R54) |
|  | 3.20 | Section previously part of 3.16 |  |  |  |
| 3.19.2.1 | 3.20.2.1 | Change from ‘rims permitted by the tyre manufacturer’ to rims between min and max in annex 9.  |  | Agreed, changed, highlighted | Geneva IWG Sept 2018 |
|  |  | Table with Reference Test Inflation Pressure |  | Agreed, changed, highlighted |  |
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| 3.20 | **3.21.**  | **Physical dimensions of LT/C tyres** |
| 3.20 | 3.21 | Physical dimensions of LT/C tyres based on FMVSS 139 | Deleted. 3.21 becomes 3.20, etc… | Highlighted, tbd |  |
|  |  | Harmonized Physical dimensions of LT/C tyres | Added | Partially discussed in |  |
|  | 3.21 | Addition of ‘excluding all tyres in Annex 6’ |  | New |  |
|  | (3.21) | Paragraph useless deleted |  | Approved except following points. See AI IWG 7 |  |
|  | 3.21.2.1 | Overall width not included because the measurement and specification are redundant with those of section width.  |  | New |  |
|  | 3.21.3 | Remove ‘and measured on the measuring rim’ | Deleted | Highlighted, tbd |  |
|  |  | Replace ‘measuring rim’ by ‘test rim’ |  | New |  |
|  | 3.21.3 | Section width  | Added from R54 (tightest) | Highlighted, tbd |  |
|  | 3.21.4 | Overall Diameter | Added from R54 (not in FMVSS) | Highlighted, tbd |  |
| 3.20.5.1.1 |  | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.20.5.x | 3.21.5.x | Measurement on rims as per annex 9 |  | New (see AI IWG 7) |  |
| 3.20.5.3 | 3.21.5.3 | Physical dimensions measurements, room temperature | Added from FMVSS (none in R54) | Agreed, changed, highlighted |  |
| 3.20.5.5.1 | 3.21.5.5.1 | Highest of 6 measurements of overall width to be considered | Added from R54 (tighter than FMVSS average of 6 measurements) | Agreed, changed, highlighted |  |
| 3.20.5.6 | 3.21.5.6 | Outer diameter calculation | Aligned to ISO | Highlighted, tbd |  |
| 3.20.5.7 | 3.21.5.7 | Treadwear indicators height | Added from R54 | Agreed, changed, highlighted |  |
| **3.22. Tyre rolling resistance test** |
| 3.21.3.2 | 3.22.3.2 | Refer to Test Rim and annex 9 |  | NewSee IWG AI 6 |  |
| 3.21.4.4.1 | 3.22.4.4.1 | Tolerances | JATMA |  Currently changed, highlighted, to be removed | Bxl Oct 2018 |
| 3.21.5.5 | 3.22.5.5 | Replace DOT references by TIN |  | Agreed, changed, highlighted |  |
| 3.21 | 3.22 | Physical dimensions of LT/C tyres based on R54 | Deleted | Highlighted, tbd | Bxl Oct 2018 |
| **3.23. Snow performance test relative to snow tyre for use in severe snow conditions** |
| 3.22. | 3.23. | Replace ‘Traction’ by ‘spin traction’ |  | New, see 2.86 |  |
| 3.22.3.1.4.2 | 3.23.3.1.4.2 | Reference to Test Inflation Pressure |  | Agreed, changed, highlighted |  |
| 3. 22.3.1.4.3. | 3. 23.3.1.4.3. | Tolerances | JATMA |  ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
| 3.22.4.5.1 | 3.23.4.5.1 | Reference to annex 9 |  | Agreed, changed, highlighted |  |
|  |  |  |  |  |  |
| 3.22.4.7.4.2 | 3.23.4.7.4.2 | Reference to Test Inflation Pressure |  | New |  |
| 3. 22.4.7.4.3. | 3. 23.4.7.4.3. | Tolerances | JATMA | ~~Currently changed~~, highlighted, removed | Bxl Oct 2018 |
|  | **Annexes** |
| Annex 5 |  | Split of the annex in 2 parts, 1. PAR 2. LTC |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| Annex 5 |  | Addition of a table mentioning the variation of load capacity with speed for passenger car tyres |  | Agreed, changed, highlighted | Bxl Oct 2018 |
| Annex 6 |  | Addition of Minimum and Maximum riw width |  | Updated, highlighted | Bxl Oct 2018 |
| Annex 7 |  | Addition of ALAPA (Brazil) in the tyre standards organizations |  | Agreed, changed, highlighted |  |
| Annex 8 |  | Reference to annex 9. However proposal needs to be modified to reflect only one rim possible per size.Redundant with 3.22.4.5.1? |  | New |  |
| Annex 9 |  | Annex 9 updated to reflect ISO 4001/2010 (passenger) and 4209-1/2001 (truck)  | TYREGTR-18-26AI IWG17/5 & IWG 17/5AI IWG 18/7 | Agreed, changed, highlighted |  |
| Annex 11 |  | New: TEST EQUIPMENT TOLERANCES SPECIFICATION GUIDELINES | TYREGTR-20-10 approved by TYREGTR-20-15 | Agreed, changed, highlighted | Bxl oct 2018 |
| Annex 5 |  | Rewording of annex headerAnd addition of explanation | TYREGTR-18-26, 4.4.6 | Agreed, changed, highlighted |  |
| Multiple |  | Occurrences of passenger tyre replaced by passenger car tyre | TyreGTR 18-26, 4.4 | Agreed, changed, highlighted |  |
| 2.37 |  | *Maximum application load capacity* | Delete as not used | NewHighlighted |  |
| All |  | Replace the occurrences of Maximum Load Carrying Capacity (not defined) by Maximum Load rating (defined) |  | Agreed, changed, highlighted | Geneva IWG Sept 2018 |
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| Legend |  |  |  |  |
|  | IWG 18th Ottawa, TYREGTR-18-26 |  |  |  |
|  | IWG 19th Geneva, TYREGTR-19-15 |  |  |  |
|  | IWG 20th Brussels, TYREGTR-20-## |  |  |  |
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