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|  | United Nations | ECE/TRANS/WP.29/GRRF/2016/15 |
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**Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations**

**Working Party on Brakes and Running Gear**

**Eighty-first session**

Geneva, 1-5 February 2016

Item 7(e) of the provisional agenda

**Tyres – Regulation No. 106**

 Proposal for amendments to Regulation No. 106 (Tyres for Agricultural Vehicles)

 Submitted by the experts from the European Tyre and Rim Technical Organisation[[1]](#footnote-2)\*

The text reproduced below was prepared by the experts from the European Tyre and Rim Technical Organisation (ETRTO) amending Annex 4. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

 I. Proposal

*Annex 4*, amend to read:

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|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *LI* | *kg* |  | *LI* | *kg* |  | *LI* | *kg* |  | *LI* | *kg* |
| 1 | 46.2 |  | 71 | 345 |  | 141 | 2 575 |  | **211** | **19 500** |
| 2 | 47.5 |  | 72 | 355 |  | 142 | 2 650 |  | **212** | **20 000** |
| 3 | 48.7 |  | 73 | 365 |  | 143 | 2 725 |  | **213** | **20 600** |
| 4 | 50 |  | 74 | 375 |  | 144 | 2 800 |  | **214** | **21 200** |
| 5 | 51.5 |  | 75 | 387 |  | 145 | 2 900 |  | **215** | **21 800** |
| 6 | 53 |  | 76 | 400 |  | 146 | 3 000 |  | **216** | **22 400** |
| 7 | 54.5 |  | 77 | 412 |  | 147 | 3 075 |  | **217** | **23 000** |
| 8 | 56 |  | 78 | 425 |  | 148 | 3 150 |  | **218** | **23 600** |
| 9 | 58 |  | 79 | 437 |  | 149 | 3 250 |  | **219** | **24 300** |
| 10 | 60 |  | 80 | 450 |  | 150 | 3 350 |  | **220** | **25 000** |
| 11 | 61.5 |  | 81 | 462 |  | 151 | 3 450 |  | **221** | **25 750** |
| 12 | 63 |  | 82 | 475 |  | 152 | 3 550 |  | **222** | **26 500** |
| 13 | 65 |  | 83 | 487 |  | 153 | 3 650 |  | **223** | **27 250** |
| 14 | 67 |  | 84 | 500 |  | 154 | 3 750 |  | **224** | **28 000** |
| 15 | 69 |  | 85 | 515 |  | 155 | 3 875 |  | **225** | **29 000** |
| 16 | 71 |  | 86 | 530 |  | 156 | 4 000 |  | **226** | **30 000** |
| 17 | 73 |  | 87 | 545 |  | 157 | 4 125 |  | **227** | **30 750**  |
| 18 | 75 |  | 88 | 560 |  | 158 | 4 250 |  | **228** | **31 500** |
| 19 | 77.5 |  | 89 | 580 |  | 159 | 4 375 |  | **229** | **32 500** |
| 20 | 80 |  | 90 | 600 |  | 160 | 4 500 |  | **230** | **33 500** |
| 21 | 82.5 |  | 91 | 615 |  | 161 | 4 625 |  | **231** | **34 500** |
| 22 | 85 |  | 92 | 630 |  | 162 | 4 750 |  | **232** | **35 500** |
| 23 | 87.5 |  | 93 | 650 |  | 163 | 4 875 |  | **233** | **36 500** |
| 24 | 90 |  | 94 | 670 |  | 164 | 5 000 |  | **234** | **37 500** |
| 25 | 92.5 |  | 95 | 690 |  | 165 | 5 150 |  | **235** | **38 750** |
| 26 | 95 |  | 96 | 710 |  | 166 | 5 300 |  | **236** | **40 000** |
| 27 | 97.5 |  | 97 | 730 |  | 167 | 5 450 |  | **237** | **41 250** |
| 28 | 100 |  | 98 | 750 |  | 168 | 5 600 |  | **238** | **42 500** |
| 29 | 103 |  | 99 | 775 |  | 169 | 5 800 |  | **239** | **43 750** |
| 30 | 106 |  | 100 | 800 |  | 170 | 6 000 |  | **240** | **45 000** |
| 31 | 109 |  | 101 | 825 |  | 171 | 6 150 |  | **241** | **46 250** |
| 32 | 112 |  | 102 | 850 |  | 172 | 6 300 |  | **242** | **47 500** |
| 33 | 115 |  | 103 | 875 |  | 173 | 6 500 |  | **243** | **48 750** |
| 34 | 118 |  | 104 | 900 |  | 174 | 6 700 |  | **244** | **50 000** |
| 35 | 121 |  | 105 | 925 |  | 175 | 6 900 |  | **245** | **51 500** |
| 36 | 125 |  | 106 | 950 |  | 176 | 7 100 |  | **246** | **53 000** |
| 37 | 128 |  | 107 | 975 |  | 177 | 7 300 |  | **247** | **54 500** |
| 38 | 132 |  | 108 | 1 000 |  | 178 | 7 500 |  | **248** | **56 000** |
| 39 | 136 |  | 109 | 1 030 |  | 179 | 7 750 |  | **249** | **58 000** |
| 40 | 140 |  | 110 | 1 060 |  | 180 | 8 000 |  | **250** | **60 000** |
| 41 | 145 |  | 111 | 1 090 |  | 181 | 8 250 |  | **251** | **61 500** |
| 42 | 150 |  | 112 | 1 120 |  | 182 | 8 500 |  | **252** | **63 000** |
| 43 | 155 |  | 113 | 1 150 |  | 183 | 8 750 |  | **253** | **65 000** |
| 44 | 160 |  | 114 | 1 180 |  | 184 | 9 000 |  | **254** | **67 000** |
| 45 | 165 |  | 115 | 1 215 |  | 185 | 9 250 |  | **255** | **69 000** |
| 46 | 170 |  | 116 | 1 250 |  | 186 | 9 500 |  | **256** | **71 000** |
| 47 | 175 |  | 117 | 1 285 |  | 187 | 9 750 |  | **257** | **73 000** |
| 48 | 180 |  | 118 | 1 320 |  | 188 | 10 000 |  | **258** | **75 000** |
| 49 | 185 |  | 119 | 1 360 |  | 189 | 10 300 |  | **259** | **77 500** |
| 50 | 190 |  | 120 | 1 400 |  | 190 | 10 600 |  | **260** | **80 000** |
| 51 | 195 |  | 121 | 1 450 |  | 191 | 10 900 |  | **261** | **82 500** |
| 52 | 200 |  | 122 | 1 500 |  | 192 | 11 200 |  | **262** | **85 000** |
| 53 | 206 |  | 123 | 1 550 |  | 193 | 11 500 |  | **263** | **87 500** |
| 54 | 212 |  | 124 | 1 600 |  | 194 | 11 800 |  | **264** | **90 000** |
| 55 | 218 |  | 125 | 1 650 |  | 195 | 12 150 |  | **265** | **92 500** |
| 56 | 224 |  | 126 | 1 700 |  | 196 | 12 500 |  | **266** | **95 000** |
| 57 | 230 |  | 127 | 1 750 |  | 197 | 12 850 |  | **267** | **97 500** |
| 58 | 236 |  | 128 | 1 800 |  | 198 | 13 200 |  | **268** | **100 000** |
| 59 | 243 |  | 129 | 1 850 |  | 199 | 13 600 |  | **269** | **103 000** |
| 60 | 250 |  | 130 | 1 900 |  | 200 | 14 000 |  | **270** | **106 000** |
| 61 | 257 |  | 131 | 1 950 |  | **201** | **14 500** |  | **271** | **109 000** |
| 62 | 265 |  | 132 | 2 000 |  | **202** | **15 000** |  | **272** | **112 000** |
| 63 | 272 |  | 133 | 2 060 |  | **203** | **15 500** |  | **273** | **115 000** |
| 64 | 280 |  | 134 | 2 120 |  | **204** | **16 000** |  | **274** | **118 000** |
| 65 | 290 |  | 135 | 2 180 |  | **205** | **16 500** |  | **275** | **121 000** |
| 66 | 300 |  | 136 | 2 240 |  | **206** | **17 000** |  | **276** | **125 000 1500** |
| 67 | 307 |  | 137 | 2 300 |  | **207** | **17 500** |  | **277** | **128 500** |
| 68 | 315 |  | 138 | 2 360 |  | **208** | **18 000** |  | **278** | **132 000** |
| 69 | 325 |  | 139 | 2 430 |  | **209** | **18 500** |  | **279** | **136 000** |
| 70 | 335 |  | 140 | 2 500 |  | **210** | **19 000** |  |  |  |

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II. Justification

 Load indexes from 201 to 279 are added to the table to follow the technical evolution of tyres.

1. \* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate. [↑](#footnote-ref-2)