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| --- | --- | --- |
|  | E/ECE/324/Rev.2/Add.105/Rev.2/Amend.4−E/ECE/TRANS/505/Rev.2/Add.105/Rev.2/Amend.4 | |
|  |  | 22 February 2017 |

Agreement

Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions[[1]](#footnote-2)\*

(Revision 2, including the amendments which entered into force on 16 October 1995)

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Addendum 105 – Regulation No. 106

Revision 2 - Amendment 4

Supplement 14 to the original version of the Regulation – Date of entry into force:   
9 February 2017

Uniform provisions concerning the approval of pneumatic tyres for agricultural vehicles and their trailers

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2016/59.

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**UNITED NATIONS**

*Annex 4*,

*Table*, 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 |  |  |  |

"

*Annex 5,*

*Table 4*, amend to read:

**"Drive wheel tyres for agricultural tractors - Low section series**

| *Tyre size designation (1)* | *Theoretical rim width code (A1)* | *Nominal section width (S1) (mm)* | *Overall diameter (D) (mm)* | *Nominal rim diameter (d) (mm)* |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| 300/70R20 | 9 | 295 | 952 | 508 |
| 320/70R20 | 10 | 319 | 982 | 508 |
| 320/70R24 | 10 | 319 | 1 094 | 610 |
| 320/70R28 | 10 | 319 | 1 189 | 711 |
| 360/70R20 | 11 | 357 | 1 042 | 508 |
| 360/70R24 | 11 | 357 | 1 152 | 610 |
| 360/70R28 | 11 | 357 | 1 251 | 711 |
| 380/70R20 | 12 | 380 | 1 082 | 508 |
| 380/70R24 | 12 | 380 | 1 190 | 610 |
| 380/70R28 | 12 | 380 | 1 293 | 711 |
| 420/70R24 | 13 | 418 | 1 248 | 610 |
| 420/70R28 | 13 | 418 | 1 349 | 711 |
| 420/70R30 | 13 | 418 | 1 398 | 762 |
| 480/70R24 | 15 | 479 | 1 316 | 610 |
| 480/70R26 | 15 | 479 | 1 372 | 660 |
| 480/70R28 | 15 | 479 | 1 421 | 711 |
| 480/70R30 | 15 | 479 | 1 478 | 762 |
| 480/70R34 | 15 | 479 | 1 580 | 864 |
| 480/70R38 | 15 | 479 | 1 681 | 965 |
| 520/70R26 | 16 | 516 | 1 456 | 660 |
| 520/70R30 | 16 | 516 | 1 536 | 762 |
| 520/70R34 | 16 | 516 | 1 640 | 864 |
| 520/70R38 | 16 | 516 | 1 749 | 965 |
| 580/70R38 | 18 | 577 | 1 827 | 965 |
| (1) "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38) ; "Very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38) – see paragraph 3.1.12. of this Regulation. | | | | |

"

*Annex 7,*

*Part A,* amend to read:

**"Part A: Drive wheel tyres for agricultural tractors**

Applicable to tyres classified with categories of use: "Tractor drive wheel" (see paragraph 2.20. of this Regulation)

Variation of load carrying capacity (per cent)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Speed*  *(km/h)* | *Speed category symbol* | | | | | |  |  |
| *A2* | *A6 (+)* | *A8 (+)* | *D (+)* | *A8 (2)* | *D (2)* | *(1)* |
| 10 | [0] | +40 | +50 | +50 | 0 | 0 |  | + 58 |
| 15 | -6 | +30 | +34 | +34 | 0 | 0 |  | + 32 |
| 20 | -11 | +20 | +23 | +23 | 0 | 0 |  | + 26 |
| 25 | -16 | +7 | +11 | +18,5 | 0 | 0 |  | + 19 |
| 30 | -20 | [0] | +7 | +15 | 0 | 0 |  | + 12 |
| 35 | -24 | -5 | +3 | +12 | 0 | 0 |  | + 10 |
| 40 | -27 | -10 | [0] | +9,5 | [0] | 0 |  | + 6 |
| 45 | - | - | -4 | +7 | -4 | 0 |  | + 2 |
| 50 | - | - | -9 | +5 | -9 | 0 |  | [0] |
| 55 | - | - | - | +3 | - | 0 |  | - |
| 60 | - | - | - | +1,5 | - | 0 |  | - |
| 65 | - | - | - | [0] | - | [0] |  | - |
| 70 | - | - | - | -9 | - | -9 |  | - |

The above load/speed variations apply when the tyre is not subjected to sustained high torque service.

(+) For field applications with sustained high torque service the values shown in the line 30 km/h apply.

(1) These percentages apply only in case of tyres listed in Annex 5, Table 7, with nominal rim diameter (d) 381 mm and above, marked with speed symbol "B"

(2) These load/speed variations apply to IF and VF Tyres."

1. \* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958. [↑](#footnote-ref-2)