



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 194th session

Geneva, 12–15 November 2024

Item 4.8.19 of the provisional agenda

#### 1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRSP

## Supplement 2 to the 04 Series of Amendments to UN Regulation No. 127 (Pedestrian safety)

### Submitted by the Working Party on Passive Safety\*

The text reproduced below was adopted by the Working Party on Passive Safety (GRSP) at its seventy-fifth session (ECE/TRANS/WP.29/GRSP/75, para. 20). It is based on ECE/TRANS/WP.29/GRSP/2024/10 not amended. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their November 2024 sessions.

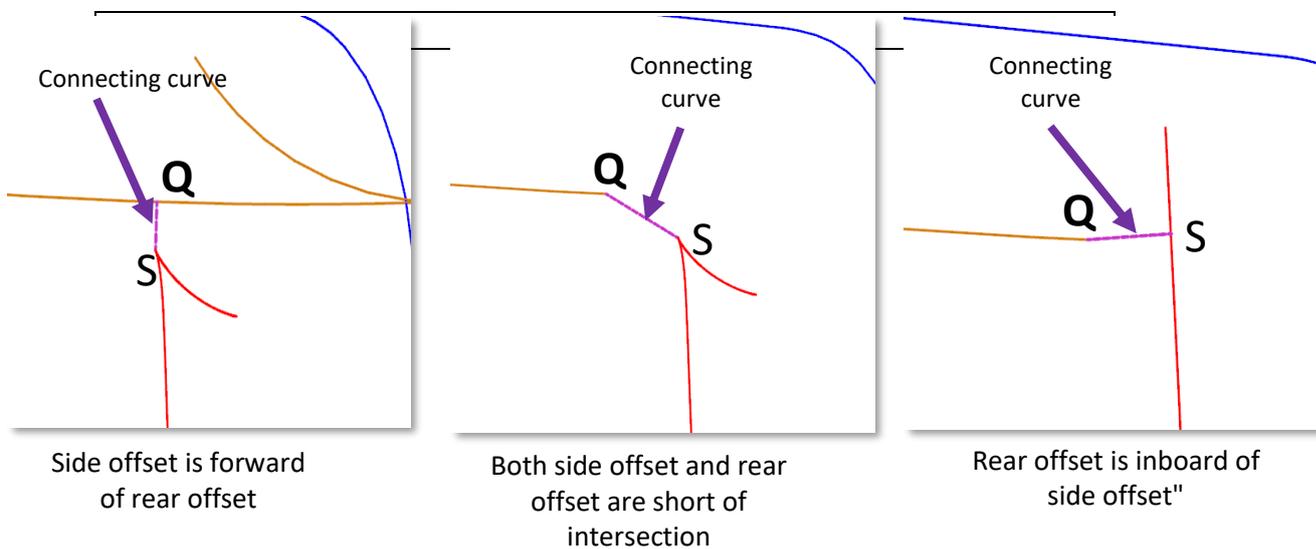
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\* In accordance with the programme of work of the Inland Transport Committee for 2024 as outlined in proposed programme budget for 2024 (A/78/6 (Sect. 20), table 20.5), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



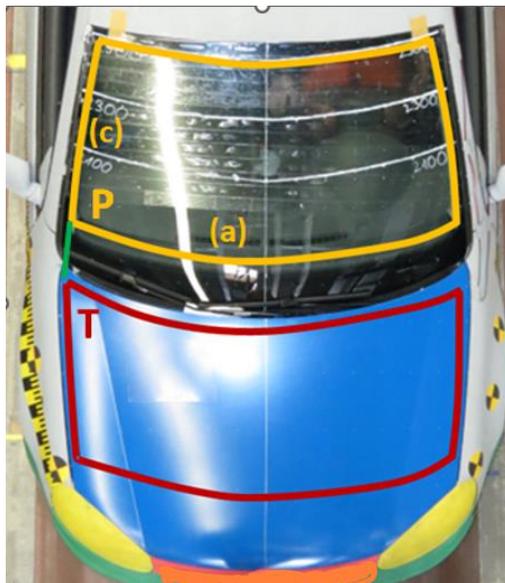
Paragraph 2.44., Figure 13, amend to read:

"Figure 13  
Upper Corner Definition with "Shortest Distance"



Paragraph 2.45., Figure 14, amend to read:

"Figure 14  
Lateral Limits of the Cowl Monitoring Area



Paragraph 2.49., amend to read:

"2.49. "One third of the windscreen test area" means the area between the side boundaries of the windscreen test area as defined in paragraph 2.44.(c), divided by the lines passing through the third markings of the lines from P to P' and from Q to Q' (the upper corner points of the windscreen test area), as shown in Figure 17. All lines are to be drawn and the three equal parts to be measured with a flexible tape following the outer contour of the windscreen. In case Q and Q' are coincident with P and P', Q and Q' are to be created on the side boundary lines as defined in paragraph 2.44. (c) rearward of P and P', respectively.

If there is no unique "Q point" where the lines defined in paragraph 2.44. (b) and (c) intersect, then the "Q point" is defined by the first contact of a vertical plane  $V_{45}$ , intersecting the vertical longitudinal vehicle centre-plane at an angle of  $45^\circ$ , with the (b)-(c) transition of the windscreen test area boundary.

If there is no intersection between (b) and (c) and the open test area is closed by a connecting line, as illustrated in Figure 13, then the "Q point" is defined by the centre of this connecting line."

Figure 17  
Thirds of the windscreen test area

