

Proposal for amendments to Regulation No. 43 (Safety Glazing)

This amendment was prepared to introduce provisions for the case of a vehicle with the driver seated in central driving position.

A. PROPOSAL (see modification in bold)

Annex 18 , paragraph 2, amend to read:

“2. Test areas

2.1. Two test areas shall be determined from the 'V' points.

2.2. "Test area A" is the area of the outer surface of the windscreen bounded by the intersection of the following four planes (see figure 1a **and 1b**):

(a) a plane inclined upwards from the X axis at 3°, passing through V1, and parallel to the Y axis (plane 1);

(b) a plane inclined downwards from the X axis at 1°, passing through V2, and parallel to the Y axis (plane 2);

(c) a vertical plane passing through V1 and V2 and inclined at 13° to the left of the X axis in the case of left-hand drive vehicles **and central drive vehicles** and to the right of the X axis in the case of right-hand drive vehicles (plane 3);

(d) a vertical plane (**plane 4**) passing through V1 and V2 and inclined at 20° to the right of the X axis in the case of left-hand drive vehicles, **20° to the left of the X axis in the case of right-hand drive vehicles and 13° to the right of the X axis in the case of central drive vehicles.**”

Figure 1, renumber as figure 1a

Insert a new figure 1b, to read:

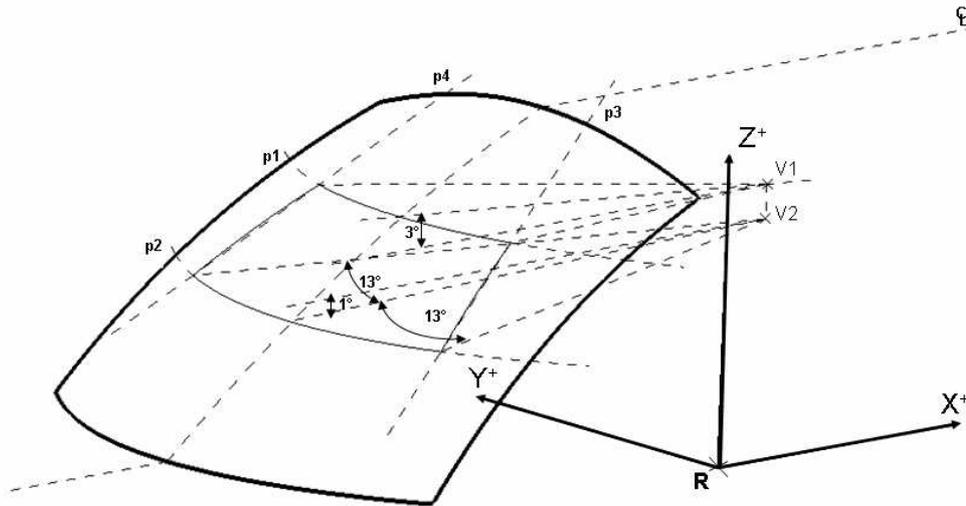


Figure 1b : Test area “a” (example of central steering control vehicle)

CL : trace of the longitudinal median plane of the vehicle and Pi : trace of the relevant plane (see text)

B. JUSTIFICATION

The current text of regulation does not take into account the case of vehicles equipped with central steering control (within plane Zero Y). In that case, Zone A could be outside zone B if the text is not amended.

The proposal allows to draw the A zone symmetrical inside B Zone if the driver is in a central driving position.
