Draft amendments to the 01 series of amendment to Regulation No. 43 (safety glazing)

I. Proposal

Modify:

"double glazing" to read "multiple glazing" and
"double-glazed unit" to read "multiple-glazed unit"

in all paragraphs of Regulation No. 43.

Paragraph 2.8. to 2.8.2., amend to read:

"2.8.  "Double-glazed unit Multiple-glazed unit" means an assembly of two or more than two panes permanently assembled in manufacture and separated by a one or more uniform gap(s).

2.8.1.  "Symmetrical double-glazed unit multiple-glazed unit" means a double-glazed unit multiple-glazed unit where the two all component panes are identical (e.g., both all toughened glass).

2.8.2.  "Asymmetrical double-glazed unit multiple-glazed unit" means a double-glazed unit multiple-glazed unit where at least the two component panes are not identical (e.g., one is toughened glass and the other is laminated glass)."

ANNEX 12

Insert a new paragraph 1.1.2., to read:

"1.1.2. The number of component panes."

Renumber paragraphs 1.1.2., 1.1.3., 1.1.4., 1.1.5. (former) to read 1.1.3., 1.1.4., 1.1.5. 1.1.6.

Paragraph 1.1.5. (former 1.1.4.), amend to read:

"1.1.5. The nominal width(s) of the gap(s) between the two or more than two glass panes,"

Paragraphs 2.2., 3.4.1., 3.4.2.1., 3.4.3., 3.4.3.1. and 3.4.3.2., amend to read:

"2.2. Tests carried out on double-glazed units multiple-glazed unit having one or more than one gap(s) with the nominal width a nominal width of gap 'e', (… 'e',) shall be considered to be applicable to all double-glazed units multiple-glazed units having the same characteristics and a nominal width of the gap(s) 'e', ± 3 mm' (… 'e', ± 3 mm'). However, the applicant for approval may submit for approval tests the sample having the smallest gap and the sample having the largest gap.

3.4.1. **Double Multiple** glazing consisting of two or more than two uniformly-toughened glass panes:
The test shall be considered to have given a satisfactory result if both all components break;

3.4.2.1. The two components of the test piece yield and break, displaying numerous circular cracks centred approximately on the point of impact;

3.4.3. **Double Multiple** glazing consisting of a one or more uniformly-toughened glass pane(s) and of a combined with one or more laminated glass pane(s) or glass-plastics pane(s) other than windscreens:

3.4.3.1. The toughened-glass pane(s) break(s);

3.4.3.2. The laminated glass pane(s) or glass-plastics pane(s) yield(s) and break(s), displaying numerous circular cracks centred approximately on the point of impact;"
II. Justification

Multiple-glazed units as assembly of more than two panes can not be approved within the range of the current Regulation No. 43.

Especially with regard to Trailer Caravans and Motor-Caravans with excessive thermal insulation for use in harsh climate there is some demand for multiple-glazed units as an assembly of more than two panes.

These units will offer the same advantages with respect to insulation as similar units do in the building sector.

Furthermore it is recommended to modify "double glazing" in "multiple glazing" and "double-glazed unit" in "multiple-glazed unit" in all paragraphs of Regulation No. 43 to give a clearer impression of what is mend and to be in line with international standards.