
Proposal for ECE/TRANS/WP.29/GRSG/2024/40, the 07 Series of Amendments to UN Regulation No. 46 (Devices for Indirect Vision)

Submitted by the experts of Japan

The text reproduced below was prepared by the expert from Japan. This proposal is an amendment to ECE/TRANS/WP.29/GRSG/2024/40, proposed by the Task Force on UN-R46. The modifications to the current text of ECE/TRANS/WP.29/GRSG/2024/40 are marked in **red**.

I. Proposal

Paragraph 15.2.4.9.3., renumber to 15.2.4.9.2. and amend to read:

"15.2.4.9.2. Classes II, III, IV devices for indirect vision and Class VII mirrors

In the fields of vision specified above, obstruction due to the bodywork and its components, such as other cab devices for indirect vision, door handles, outline marker lights, direction indicators and front and rear bumpers, as well as reflective-surface cleaning components, shall not be taken into account if they are responsible for a total obstruction of less than 10 per cent of the specified field of vision. If the obstruction rate cannot calculate in ~~the~~ the fields of vision specified above, obstruction due to the bodywork and its components, such as other cab devices for indirect vision, door handles, outline marker lights, direction indicators, and front and rear bumpers, as well as reflective-surface cleaning components, shall not be taken into account if they do not obstruct more than necessary."

Paragraph 15.2.4.9.2., renumber to 15.2.4.9.3.:

"15.2.4.9.3. Classes ~~II, III, IV~~, V, and VI devices for indirect vision ~~and Class VII mirrors~~

In the fields of vision specified above, obstruction due to the bodywork and its components, such as other cab devices for indirect vision, door handles, outline marker lights, direction indicators and front and rear bumpers, as well as reflective-surface cleaning components, shall not be taken into account if they are responsible for a total obstruction of less than 10 per cent of the specified field of vision. In the case of a vehicle designed and constructed for special purposes where, due to its special features, it is not possible to meet this requirement, the obstruction of the required field of vision of a Class VI mirror caused by the special features may be more than 10 per cent but not more than necessary for its special function. "

II. Justification

The proposed amendment to paragraph 15.2.4.9.2. (new) of ECE/TRANS/WP.29/GRSG/2024/40 is considered to make the qualitative criteria in paragraph 15.2.4.9.2. (new) ambiguous if they are separated from the concept of an obstruction rate of 10% or less as stipulated in the current regulations. Therefore, Japan proposes adding the same obstruction rate requirement of 10% as in paragraph 15.2.4.9.2. (new) to paragraph 15.2.4.9.3. (new).

In addition, for the ECE/TRANS/WP.29/GRSG/2024/40 proposal, former paragraphs 15.2.4.9.2. and 15.2.4.9.3. were ordered according to the mirror category numbers in ascending order as above.
