

The KOREA-Comment on proposed amendments to GTR 6 by OICA/CLEPA

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MOLIT

Ministry of Land, Infrastructure and Transport

KATRI

Korea Automobile Testing & Research Institute

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1. Background

- **OICA/CLEPA proposed amendments to GTR No. 6 from informal document(GRSG-107-23) and also discussed at PSG-2nd about them.**
- **The chair of IWG PSG requested to review the proposal of OICA/CLEPA by the KOREA experts as the technical sponsor.**
- **The KOREA comment is to consider both the progress direction of IWG PSG and current issue of Ceramic printed area.**

2. Application/Scope of GTR 6

- The OICA/CLEPA proposals is to aim amendment about an obvious mistake in the scope of GTR 6.

Part B, paragraph 2., Application/Scope, amend to read:

"2. This regulation applies to safety glazing intended for installation as windscreens or panes ~~use of double windows panes, each pane is considered a separate item of glazing panes~~ on Category 1 and 2 vehicles as defined in Special Resolution No. 1 (S.R.1) concerning the Common Definitions of Vehicle Categories, Masses and Dimensions, to the exclusion however of glazing for lighting and light-signalling devices and instrument panels, and of bullet resistant glazing. In the case of double windows, each pane is considered a separate item of glazing."

- The KOREA position :
 - The KOREA absolutely agree and support to amend the scope of GTR 6 because GTR No 6 applied other pane such as toughened glass etc. as well as both windscreen and double window panes.

3. 227g ball Test

- The OICA/CLEPA proposals is to aim amendment about 227g ball drop test same as ISO 3537/UN Reg No. 43

Part B, paragraph 6.3.2.3., amend to read:

"6.3.2.3. The point of impact shall be within 25 mm of the **geometric centre of the test piece supported area** for a drop height less than or equal to 6 m, and within 50 mm of the centre of the **supported area test piece** for a drop height greater than 6 m."


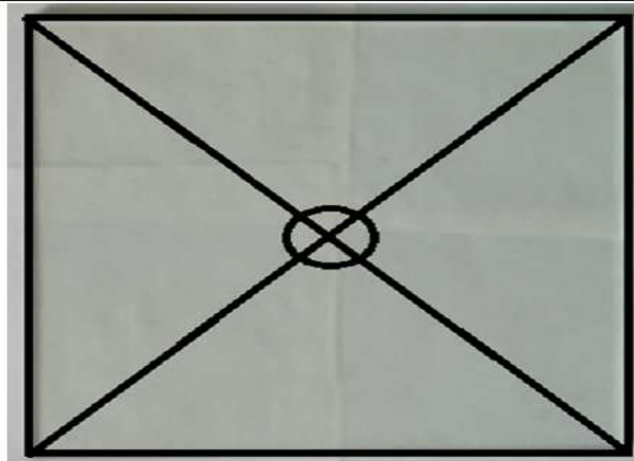
- The KOREA position :

- Simple comparison table of 227g ball test on toughened glass

	GTR No. 6	UN Reg No. 43	FMVSS 205/ANSI Z26.1	ISO 3537
Test Piece	<ul style="list-style-type: none"> • Flat 300 x 300 mm sample • Finished product 	<ul style="list-style-type: none"> • Flat 300 x 300 mm sample • Finished product 	<ul style="list-style-type: none"> • Flat 305 x 305 mm sample 	<ul style="list-style-type: none"> • Flat square 300 x 300 mm side
Impact Point	<ul style="list-style-type: none"> • The center of the supported area 	<ul style="list-style-type: none"> • The geometric centre of the test piece 	<ul style="list-style-type: none"> • ...striking the specimen within 25 mm of its center 	<ul style="list-style-type: none"> • The geometric centre of the test piece


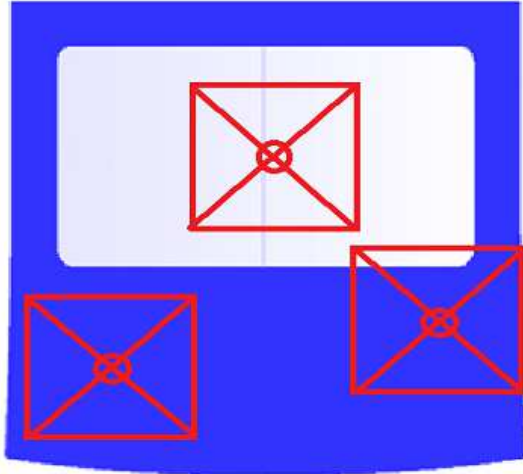
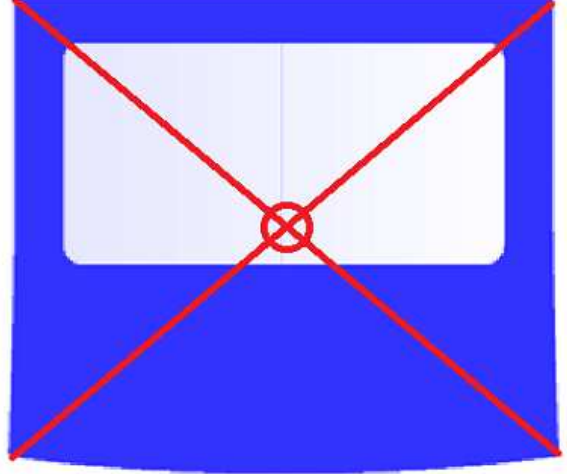
3. 227g ball Test

- The KOREA position(2) :
 - Simple comparison of 227g ball test procedure on toughened glass
 - In case of Flat 300 x 300 mm sample :
 - Completely Same as the impact point both the center of supported area and the geometric centre of test piece

		
Impact point	The center of the supported area	The geometric centre of the test piece
Regulation/ Standard	GTR No. 6, KMVSS No. 105	UN Reg No. 43, ANSI Z26.1, ISO 3537

3. 227g ball Test

- The KOREA position(3) :
 - Simple comparison of 227g ball test procedure on toughened glass
 - In case of finished products :
 - To be possible to be different impact point between the center of supported area and the geometric centre of test piece

 <p><Finished Product></p>		
<p>Impact point</p>	<p>The center of the supported area</p>	<p>The geometric centre of the test piece</p>
<p>Regulation/ Standard</p>	<p>GTR No. 6, KMVSS No. 105</p>	<p>UN Reg No. 43, ANSI Z26.1, ISO 3537</p>

4. Comment of the KOREA

- **The KOREA agree to amend the scope of GTR 6 from OICA/CLEPA proposal.**
- **However the Korea request to consider amendments of 227g ball test to OICA/CLEPA proposal after completing adoption of GTR 6 amendment regarding the limitation of ceramic printed area because of the following reasons.**
 - **No include the ceramic printed area of vulnerable strength in test area of 227g ball drop test.**
 - **No conform to be the purpose of IWG PSG for limit the ceramic printed area to be weaker strength in order to safety driving.**



Thank you for your attention !

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