

Supplement 1 to UN Regulation 167

IWG VRU-Proxi


126th GRSG session

Context

- Revised terms of reference:
 - Amending the alternative testing method for innovative vehicle designs (e.g. aerodynamic narrow A-pillar designs), possibly by replacing paragraph 5.3.
 - For vehicles with competing objectives (e.g. high-capacity transport, high efficiency, new powertrain technology, impact on freight industry) with direct vision challenges - an alternative approach, limited to Level 3 for N3 category and be based on quantified data.



Innovative vehicle designs

- Reason for the amendment: risk of disadvantage for future vehicles with more aerodynamic shape of the cabin
 - Objective: reduce the limit value of the frontal visible volume for such vehicles, while providing equivalent level of safety
 - Proposal: alternative limits for vehicles with reduced Inter A-pillar distance.
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Vehicles with competing objectives (high-capacity transport)

- Reason for the amendment: heavier and longer vehicles unable to meet the required Front Visible Volume, while such vehicles help to reduce environmental impact of road transport.
- Objective: enable such vehicles to meet the frontal visible volume requirements, while keeping other requirements of Regulation 167 fully applicable.
- Scope: N3 vehicles in Level 3, equipped with a coupling device, minimum 3 axles, as from a specified max. engine power and max. GCW.
- Proposal: waiver or reduction of the required Front Visible Volume requirement: for the GRSG to decide.

Thank you!