

Driver's forward field of vision

(Reference document No. TRANS/WP.29/GRSG/2002/9)

Transmitted by the expert fro India

Purpose –

1. All drivers irrespective of category of vehicles are exposed to same traffic conditions.
2. The most vulnerable traffic users are two wheeler riders and pedestrians.
3. Mostly four wheelers can cause damage to the vulnerable users .
4. Therefore, devising an active safety feature is important to increase the visibility of drivers of all 4- wheelers (M1, M2, M3, N1, N2, N3)

Fundamental principle and evaluation –

- The method should be common for all the vehicle categories.
- Method and measurement to be simple practical and easily repeatable, even in the in-use vehicles for enforcement.

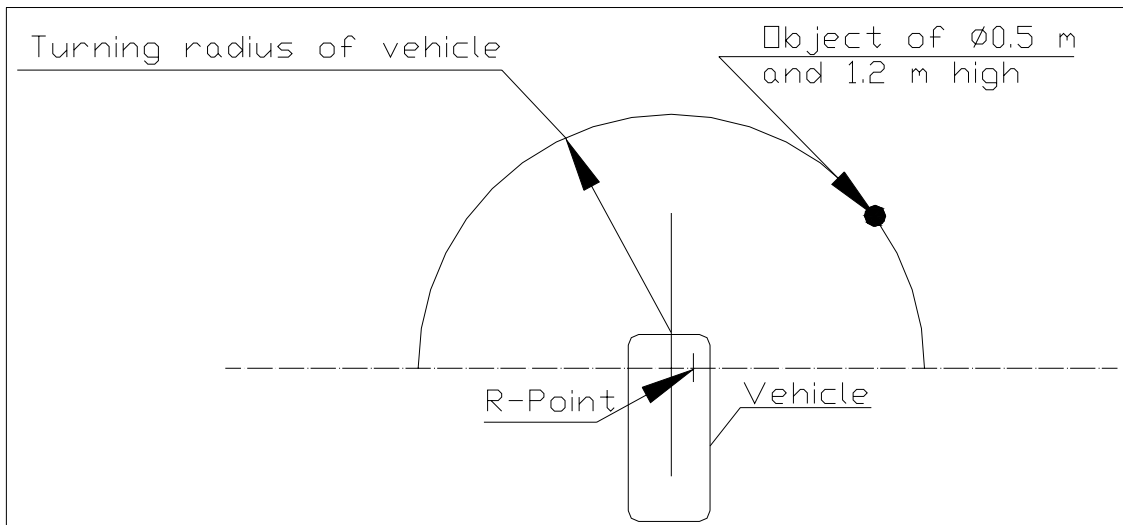


Figure -1

Criteria for acceptance -

When an critical object of size 0.5 m diameter and height of 1.2 m is moved along the turning radius of the respective vehicle, at least 50% of the object should be visible along either longitudinal or in the lateral axis.

The method is defined on principle used in Stv ZO 35b and the Japanese proposal.
