

Comments from India on ECE Regulations Nos. 13 and 13-H

Transmitted by the expert from India

Note : Clarification is requested from GRRF group regarding the understanding of Type-I test (Fade Test).

A. Clarification request :

Clause 1.5.1.3 of ECE R 13 states the following :

In these tests the force applied to the control must be so adjusted as to attain the mean fully developed deceleration of 3 m/s^2 at the first application; this force must remain constant throughout the succeeding brake applications.

Clause 1.5.1.3 of ECE R 13-H states the following :

In these tests, the force applied to the control must be so adjusted as to attain a mean deceleration of 3 m/s^2 during every brake application; two preliminary tests may be carried out to determine the appropriate control force.

By comparing the above two clauses in ECE R 13 and ECE R 13-H it is understood that ECE R 13 calls for mean fully developed deceleration of 3 m/s^2 whereas ECE R 13-H calls for mean deceleration of 3 m/s^2 .

B. Justification :

The M1 and N1 category of vehicles when tested in accordance with ECE R13 or ECE R 13-H, may have to undergo a different set of requirements. In our opinion requirement should be common in both the cases.
