

## I. Proposal

### Proposal for amendment to Regulation No. ECE R90:02 Proposal for the addition of a “Bedding in” procedure

Paragraph 4.2.2.2.2, amend to read:

“4.2.2.2.2. Test program (brake drum high load test).

Table A11/4.2.2.2.2.

Test provision	High load test
“Bedding in” procedure	<b>200 brake applications</b> <b>Initial speed: 60 km/h</b> <b>Final speed: 5 km/h</b> <b><math>d_m</math> alternating between 1 m/s<sup>2</sup> and 2 m/s<sup>2</sup></b> <b>Initial temperature : ≤ 200°C (beginning at room temperature)</b> <b>Alternatively bedding may be omitted if the applicant for approval does not consider it to be necessary</b>
Type of braking	Braking to less than 5 km/h
Total number of brake applications	150
Initial brake drum temperature at each brake application	≤ 100 °C
Brake applications from	60 km/h
to	≤ 5 km/h
Brake torque set to produce a deceleration of	6 m/s <sup>2</sup>
Cooling (also deviating from paragraph 3.2.3. of this annex)	Permitted

## II. Justification

Through oversight no bedding procedure has been specified for the High Load Test on Brake Drums of vehicles of categories M<sub>2</sub>, M<sub>3</sub>, N<sub>2</sub> and N<sub>3</sub>

It is therefore proposed that we adopt the same bedding procedure already adopted for the Thermal Fatigue Test for vehicles of these categories and the High Load Tests for Brake Drums of vehicles of categories, O<sub>1</sub>, O<sub>2</sub>, O<sub>3</sub> and O<sub>4</sub>.