

**Proposals for correction of the Draft Regulations with respect to tire noise
(Document TRANS/WP.29/2002/7)**

*The text reproduced below was prepared by the Expert from the Russian Federation
and concerns specifying test conditions with respect to the temperature range*

It is proposed in the Annex 3, clause 2.2, amend the second paragraph to read as follows:

«Measurements shall not be made if the air temperature is below 0 °C or above 40 °C or the test surface temperature is below 0 °C or above 50 °C».

Justification:

1. The temperature range conditioned for testing of noise of a whole vehicle with respect to the ECE Regulations No. 51 is between 0 °C and 40 °C. The temperature range for testing of noise of tires should correspond to that for whole vehicle, otherwise the results obtained when a vehicle is tested at the temperature range between 0 °C and 5 °C cannot be correlated with the test results for tires.
2. For several tire designs (for example, winter tires) the operating temperatures are out the temperature range between 5 °C and 40 °C. As a first step, it is expedient to reduce the lower limit down to 0 °C. Further it would be expedient to carry out several tests at the temperatures below 0 °C.
3. Reducing of temperature range significantly shortens the period of time, which may be used for carrying out the tests. This concerns especially eastern countries having continental climate type. In particular, for the Russian Federation, in case of setting the lower temperature limit to 5 °C, as it is proposed by the current version of the Draft Regulations, the testing period will be shortened down to four months in a year.

Taking into account the above-mentioned, it is proposed to reduce down to 0 °C the lower limit of the temperature range conditioned for testing.