Economic Commission for Europe
Inland Transport Committee
World Forum for Harmonization of Vehicle Regulations
186th session
Geneva, 8-11 March 2022
Item 4.7.11 of the provisional agenda
1958 Agreement:
Consideration of draft amendments to existing
UN Regulations submitted by GRVA

Proposal for Supplement 4 to the 03 series of amendments to
UN Regulation No. 78 (Motorcycle braking)

Submitted by the Working Party on Automated/Autonomous and
Connected Vehicles *

The text reproduced below was adopted by the Working Party on
Automated/Autonomous and Connected Vehicles (GRVA) at its eleventh session (see
ECE/TRANS/WP.29/GRVA/11, para. 99). It is based on ECE/TRANS/WP.29/
GRVA/2021/26 as amended by Annex V of the session report and ECE/TRANS/WP.29/GRVA/2021/27. It is submitted to the World Forum for Harmonization
of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for
consideration at their March 2022 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2022 as outlined in
proposed programme budget for 2022 (A/76/6 (part V sect. 20) para 20.76), the World Forum will
develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The
present document is submitted in conformity with that mandate.
Annex 3, paragraph 1.1.3., amend to read:

"1.1.3. Measurement of PBC:

The PBC is measured as determined by the Type Approval Authority using either:

(a) An ASTM International (ASTM) E1136-19 standard reference test tyre, in accordance with ASTM Method E1337-19, at a speed of 40 mph; or

(b) An ASTM International (ASTM) F2493-20 standard reference test tyre, in accordance with ASTM Method E1337-19, at a speed of 40 mph; or

(c) The method specified in the Appendix 1 to this annex.

1 In this case, the obtained PBC shall be converted into the equivalent value corresponding to ASTM E1136-19 standard reference test tyre, according to the correlation equation described in ASTM E1337-19."