

**Guidelines  
for  
GRBP Task Force Measurement Uncertainties (TF MU) under the 1958 Agreement**

Approved by GRBP Task Force Measurement Uncertainties (TFMU-02-03 Rev.2) under the 1958 Agreement  
at its third meeting (8-10 January 2020)

**A. Introduction**

1. Following ECE/TRANS/WP.29/GRB/68, Agenda item V para. 8, this document establishes Guidelines for the work of the Task Force Measurement Uncertainties under the 1958 Agreement.
2. The aim of the Task Force is to propose harmonized measures for evaluating systematic errors and random errors to improve the test procedures for at least UN Regulation No. 51 and No. 117 (for Rolling Sound emissions only) to reduce measurement uncertainties.

**B. Objective of Task Force Measurement Uncertainties**

1. The Task Force shall develop and propose harmonized measures for evaluating systematic errors and random errors based on ISO5725 and GUM 98-3.
2. The scope and purpose of the Task Force should cover at least UN Regulation No. 51 and No. 117. The Task Force shall develop harmonized technical requirements for these UN Regulations with consideration to their test procedures.
3. The Task Force shall, where appropriate, develop a practice guide for compensation and/or correction factors.
4. A general approach shall then be made in such a way that it is possible to use it to improve test procedures in other UN Regulations. This approach could be either documented in the Consolidated Resolution on Construction of Vehicles (R.E.3) or as a Document for reference.
5. The Task Force shall report to GRBP.

**C. Rules of Procedure**

1. The Task Force is open to all participants of GRBP. However it is recommended that a maximum of two technical experts per country and organization participate in this group. Task Force will be chaired by Norway. OICA shall act as Secretary.
2. The working language will be English.
3. All documents and/or proposals must be submitted to the Secretary of Task Force in a suitable electronic format **at least one week before the session**.
4. An agenda and the latest draft document will be circulated to all members of Task Force in advance of all scheduled meetings.
5. All Task Force documentation will be made available on the dedicated UNECE website.
6. The Task Force decisions will be reached by consensus. When consensus cannot be reached, the Task Force Chairman shall present the different points of view to GRBP and seek guidance from GRBP as appropriate.

**D. Timeline**

1. The aim of Task Force is to present
  - a. during the 71<sup>st</sup> GRBP in January 2020 a skeleton of the general concept and the strategy approach as an Informal document for consideration
  - b. during the 72<sup>nd</sup> GRBP in September 2020 a Draft document for Reference and an Informal document for amendments to UN Regulation No 51 and No 117
  - c. during 73<sup>rd</sup> GRBP in January 2021 a Working document for amendments to UN Regulation No 51 and No 117 for consideration and adoption
  - d. during 73<sup>rd</sup> GRBP in January 2021 a Working document containing general Guidelines for how to improve test procedures in other UN Regulations to reduce measurement uncertainties for consideration and adoption.