

WORKING PARTY ON NOISE AND TYRES (82TH SESSION)

Informal document from France:

- ✓ Audible warning in the event of failure in REESS (Rechargeable Electrical Energy Storage System) for O categories.

Regulation 100 « Electric power trained vehicles”

5.2.3. Warning in the event of failure in REESS:

The vehicle shall provide a warning to the driver when the vehicle is in active driving possible mode in the event specified in paragraphs 6.13. to 6.15.

In case of optical warning, the tell-tale shall, when illuminated, be sufficiently bright to be visible to the driver under both daylight and night-time driving conditions, when the driver has adapted to the ambient roadway light conditions.

This tell-tale shall be activated as a check of lamp function either when the propulsion system is turned to the "On" position, or when the propulsion system is in a position between "On" and "Start" that is designated by the manufacturer as a check position. This requirement does not apply to the tell-tale or text shown in a common space.

Notwithstanding the provisions above in case of vehicles of category O, the trailer shall provide an optical and/or audible warning to the driver of the towing vehicle in the event specified in paragraphs 6.13. to 6.15.

In case of vehicles of category O3 and O4, the trailer may provide to the towing vehicle a signal to address an optical warning according to this paragraph and/or an audible warning (e.g. transmission via CAN-Bus according to ISO 11992-2) in the event specified in paragraphs 6.13. to 6.15."

Regulation 100 « Electric power trained vehicles”

- ✓ The audible warning is located on the trailer. It must warn the driver. It must therefore be loud enough.
- ✓ 5.2.3: entry into force of the 03 and 04 series:

New type approval: **September 1, 2023**

All type approval: **September 1, 2025**

⇒ Should we define the “audible warning to the driver of the towing vehicle”?

⇒ How to do this ?

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