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Item 5 (c) of the provisional agenda

PROPOSALS OF AMENDMENTS TO THE ATP

New proposals

Annex 1, Appendix 2, paragraph 49, proposal for the number of temperature measuring points

Transmitted by Sweden

SUMMARY

Executive summary:	Annex 1, Appendix 2, paragraph 49 (b) of the ATP Agreement neither stipulates the number of measuring points required for verifying the efficiency of thermal appliances of equipment in service nor where the thermo-elements for measuring the inside and outside temperature shall be placed.
Action to be taken:	Introduce in paragraph 49 a new sub-paragraph (d)
Related documents:	None.

Introduction

Annex 1, Appendix 2, paragraph 49 (b) of the ATP Agreement neither stipulates the number of measuring points required for verifying the efficiency of thermal appliances of equipment in service nor where the thermo-elements for measuring the inside and outside temperature shall be placed.

Proposal

1. Introduce a new paragraph 49 (d) to read as follows:

(d) *Temperature measuring points*

Temperature measuring instruments protected against radiation shall be placed inside the body and outside the body. The instruments inside the body shall be placed at the points specified below (see figure 1).

For measuring the inside temperature of the body (T_i), at least 2 temperature measuring instruments shall be placed inside the body at a maximum distance of 50cm from the front wall, 50cm from the rear door at a height of min. 15 cm and max. 20cm above the floor area.

For measuring the outside temperature of the body (T_e), at least 1 temperature measuring instrument shall be placed at a distance of at least 10cm from an outer wall of the body and at least 20cm from the air inlet of the condenser unit.

The final reading should be from the warmest point inside the body and the coldest point outside.

2. Existing subparagraphs 49 (d) and (e) shall be renumbered accordingly to read (e) and (f).

Justification

Sweden has through its appointed experts carried out amongst the Contracting Parties to the ATP Agreement a small survey regarding the number of measuring points and their position inside and outside the vehicle. The survey has shown a large variation in the practical application between the Contracting Parties.

It is in our view important that the number of measuring points and their positions inside and outside are harmonized.

Simplification

The introduction of a new subparagraph in paragraph 49 will ease the work of the competent authorities and their testing agencies.

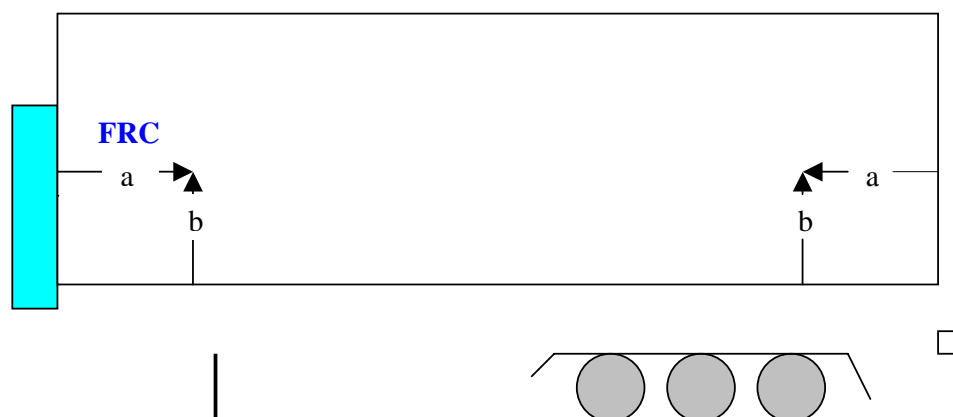
Feasibility

The amendment proposed is expected to improve practical life.

Enforceability

No problem of enforcement is foreseen.

Figure 1



a = max. 50cm from front wall
and rear door.

b = min. 15cm and max. 20cm
above the floor