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**Economic Commission for Europe****Inland Transport Committee****Working Party on the Transport of Perishable Foodstuffs****5 November 2010****Sixty-sixth session**

Geneva, 9-12 November 2010

Item 5 (b) of the provisional agenda

**Proposals for amendments to the ATP: New issues**

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**1 per-cent rule****Transmitted by the Government of Germany****Initial situation:**

In 2005, among other modifications, the following wording was inserted into the ATP Handbook (Document 11/2005/8):

“The construction shall be comparable and, in particular, the insulating material and the method of insulation shall be identical.”

Comment 1.1: Different types of equipment, e.g. trailers, semi-trailers, may be considered as of comparable construction, if other conditions in Annex 1, Appendix 1, paragraph 2 (c) (i) are satisfied.

The above-mentioned paragraph reads:

"(i) If it is insulated equipment, in which case the reference equipment may be insulated, refrigerated, mechanically refrigerated or heated equipment,

the construction shall be comparable and, in particular, the insulating material and the method of insulation shall be identical;

the thickness of the insulating material shall be not less than that of the reference equipment;

the interior fittings shall be identical or simplified;

the number of doors and the number of hatches or other openings shall be the same or less; and"

Given the variety of customers' special requirements to be met and the broad range of variants on the market, type approval can not cover all possible variants of the insulated equipment. There are often various minor changes/additions, such as

- lamps mounted more or less flush with the surface or on the surface of the wall,
- one or several cargo restraint tracks,
- double-deck equipment instead of cargo restraint tracks,
- one or several cargo restraint tracks instead of double-deck equipment,
- additional vents,
- additional or fewer wheel wells,

which must not require a new supplementary type-approval test.

To take account of normal market practice, the following wording should be added to the underlined sentence above:

**"In special cases, however, minor and limited variations to the interior options adding or exchanging components may be accepted if a K coefficient of 0.38 Wm<sup>2</sup>/K or less was established by the type-approval tests for the insulated equipment and a K coefficient of 0.39 Wm<sup>2</sup>/K or less is arithmetical calculated for the special case hand. The final thickness of insulation will be more than 20 mm in any case."**

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