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Item 5 (b) of the provisional agenda

Proposal of amendments to the ATP: New proposals

New definitions in Annex 1 to the Agreement

Transmitted by the Netherlands

Introduction

1. To improve the understanding of the provisions in the annexes of the ATP and to limit interpretation it is suggested to include definitions in annex 1. The definitions are to be placed in alphabetical order in the language of publication of the ATP.
2. So far only terms are included in annex 1 for "insulated equipment", "refrigerated equipment", "mechanically refrigerated equipment" and "heated equipment". An additional term "mechanically refrigerated and heated equipment" is in the process of approval.
3. The title of annex 1 reads "*Definitions and standards for special equipment for the carriage of perishable foodstuffs*". Due to the contents of "insulated equipment", "refrigerated equipment", "mechanically refrigerated equipment" and "heated equipment", such as insulation factors, the above mentioned terms are rather to be seen as standards than definitions.
4. For each definition a proposal number is given to allow for separate approval. Where necessary, consequential amendment proposals are added.

Part A

Proposal

5. Introduce three sections in annex 1 to read:

1. Standards.

- 1.1 Insulated equipment (existing text)
- 1.2 Refrigerated equipment (existing text)
- 1.3 Mechanically refrigerated equipment (existing text)
- 1.4 Heated equipment (existing text)
- 1.5 [Reserved for "Mechanically refrigerated and heated equipment." See annex I of ECE/TRANS/WP.11/231].

2. Definitions.

[Definitions to be approved under part B, in alphabetical order of the language of publication of the ATP, without numbering of the individual definitions].

3. Transitional measures

- 3.1 [Reserved for the transitional measure concerning insulated bodies with flexible walls, see annex I of ECE/TRANS/WP.11/231].

Part B

- 6. Introduce the following definitions:

Proposal 1

"Special equipment means a road vehicle (lorry, trailer, semi-trailer), a rail wagon or a container with an insulated body or an insulated body with a thermal appliance. Special equipment may consist of more than one body each provided with a thermal appliance or with a combined thermal appliance. The insulated body of a road vehicle may be demountable and be used on one or more road vehicles."

Proposal 2

"Equipment means an insulated body or a combination of an insulated body with one or more thermal appliances."

Proposal 3

"Container means special equipment:

- specially designed to facilitate the carriage of goods, by one or more means of transport, without breakage of load;
- strong enough for repeated use;
- fitted with devices permitting its ready stowage and handling, particularly when being transloaded from one means of transport to another;
- so designed as to be easy to fill and empty;
- having an internal volume of not less than 200 litres."

Proposal 4

"*Small container*" means a container which has an internal volume of not more than 2 m³."

Consequential amendment related to the definition of *small container* in annex 1, appendix 1, article 3, paragraph 5 to read (original text in *italic*, deleted wording ~~stricken~~ through and new wording in **bold**):

"*For a batch of identical serially produced insulated equipment (small containers) having an internal volume of less than 2 m³ – a certificate of compliance (rest remains unchanged).*"

Proposal 5

"*Thermal appliance* means an apparatus to generate energy to increase or decrease the temperature inside an insulated body. A thermal appliance can be refrigerated, mechanically refrigerated, heated or [mechanically refrigerated and heated]."

Proposal 6

"*Removable* means a thermal appliance that is easily removed from an insulated body, or essential parts for the functioning of a thermal appliance that are easily removed from the insulated body. Examples are in case of refrigerated equipment, eutectic plates that are to be placed in another chamber for freezing or in case of mechanically refrigerated equipment if the thermal appliance is exchangeable with similar appliances for maintenance and repair or an electrical supply that is not included.

Note: in case a mechanically refrigerated thermal appliance is able to be powered alternatively by an internal combustion engine or an electrical drive, the appliance is not to be regarded as removable."

Proposal 7

"*Non-independent* means a thermal appliance that relies for its functioning on another system. This can be the operation of the engine for the propulsion of the road vehicle or movement of the road vehicle or rail wagon.

Note: in case the thermal appliance is able to start the engine of a road vehicle and to regulate the engine speed, the thermal appliance is not to be regarded as non-independent."

Proposal 8

"*Multi temperature multi compartment* means an insulated equipment which is divided into two or more compartments formed using partitions (fixed or mobile, transversal or longitudinal, sliding or removable by lifting), thus modulating the available volume and maintaining several temperature levels. The K coefficient of the insulated body as a whole shall be equal or less than 0.4 W/m²K.

The insulated equipment is to be fitted with one or more types of thermal appliance providing cold or heat for the demanded capacities determined according to the provisions in this Annex.

Note: Insulated equipment consisting of two separately approved sections with fixed walls (i.e. an upper and lower deck of a trailer) are not regarded as being multi temperature multi compartment. If different temperature levels are maintained in the two sections it shall be checked that the temperatures can be maintained regardless of interaction between the compartments."

Proposal 9

"Partition means an internal wall in an insulated body dividing the equipment into more than one compartment. Partitions may be fixed or mobile, transversal or longitudinal, sliding or removable by lifting."

Consequential amendments:

Replace "bulkheads" by "partitions" in: 8.3.3 - first sentence, 8.3.3 - $S_{\text{chilled-comp}}$, 8.3.3 - S_{bulk} , 8.3.3 - K_{bulk} , 8.3.4 first sentence, 8.3.4 S_{bulk} , 8.3.4 S_{bulk} , 8.3.5 – first sentence, 8.3.6 – first sentence.

Replace "internal dividing walls" by "partitions" in: 8.3.1 third paragraph, 8.3.7 – heading, 8.3.7 first sentence.

Replace "internal dividing" by "partitions" in: 8.3.1 fourth paragraph (first indent).

Replace "dividing walls" by "partitions" in: 8.3.7 third paragraph (below table).

Proposal 10

"Compartment means a closed off section inside an insulated body. Compartments may be of a fixed type, variable in size by movable partitions or two compartments may be combined into one compartment by removable partitions."

Justification

7. Detailed justifications for the definitions will be presented separately in an informal document.
