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INLAND TRANSPORT COMMITTEE

Working Party on the Transport
of Perishable Foodstuffs

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Item 7 (c) of the provisional agenda

AGREEMENT ON THE INTERNATIONAL CARRIAGE OF
PERISHABLE FOODSTUFFS AND ON THE SPECIAL
EQUIPMENT TO BE USED FOR SUCH CARRIAGE (ATP)

Proposed amendment to the ATP agreement, annex 1, appendix 2, paragraph 49 (b)

Transmitted by the Government of Germany

Reason:

The cooling capacity of the transport refrigeration unit of the new insulated bodies depends to the ambient temperature of 30 °C.

The existing text of the ATP agreement, annex 1, appendix 2, paragraph 49 b) describes only that the ambient temperature during the test shall be not lower than 15 °C and that the necessary inside temperature of the class must be reached within a maximum period of 6 hours.

The cooling capacity of the transport refrigeration unit and therefore also the cooling down time depends on the outside temperature. The result is different, if the test is done with one equipment and different ambient temperatures, so also the classification can be different.

The text of the proposed amendment describes the requirements more clearly and the result is nearly the same if the test is done with one equipment and different ambient temperatures, so also the classification is the same.

Proposed amendment in bold printing:

Verifying the efficiency of thermal appliances of equipment in service

49. To verify as prescribed in appendix 1, paragraphs 1 (b) and 1 (c), to this annex the efficiency of the thermal appliance of each item of refrigerated, mechanically refrigerated or heated equipment in service, the competent authorities may:

apply the methods described in paragraphs 32 to 47 of this appendix; or

appoint experts to apply the following provisions:

(a) Refrigerated equipment other than equipment with fixed eutectic accumulators

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(b) Mechanically refrigerated equipment

It shall be verified that, when the outside temperature is not lower than +15 °C, the inside temperature of the empty equipment, which has been previously brought to the outside temperature, can be brought within a maximum period as described in the following table in the case of equipment in classes A, B, or C, to the minimum temperature, as prescribed in this table:

Mean outside temperature	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	°C
Class A	180	172	164	156	148	140	132	124	116	108	100	92	84	76	68	60	min
Class B	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	min
Class C	360	348	336	324	312	300	288	276	264	252	240	228	216	204	192	180	min

It shall be verified that, when the outside temperature is not lower than +15 °C, the inside temperature of the empty equipment, which has been previously brought to the outside temperature, can be brought within a maximum period of 6 hours in the case of equipment in classes D, E or F, to the limit temperature, as prescribed in this annex.

If the results are favourable, the equipment may be kept in service as mechanically refrigerated equipment of its initial class for a further period of not more than three years.

(c) Heated equipment

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(d) Provisions common to refrigerated, mechanically refrigerated and heated equipment

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(e) Test reports

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