Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Perishable Foodstuffs

25 September 2020

English

Seventy-sixth session
Geneva, 13-16 October 2020
Item 5 (f) of the provisional agenda
Status and implementation of the Agreement on the International Carriage of Perishable Foodstuffs and on the Special Equipment to be Used for such Carriage (ATP)
Interpretation of ATP

The explanations concerning the procedure of checking a refrigirated equipment in use manufactured after 2nd January 2012

Submitted by the Russian Federation

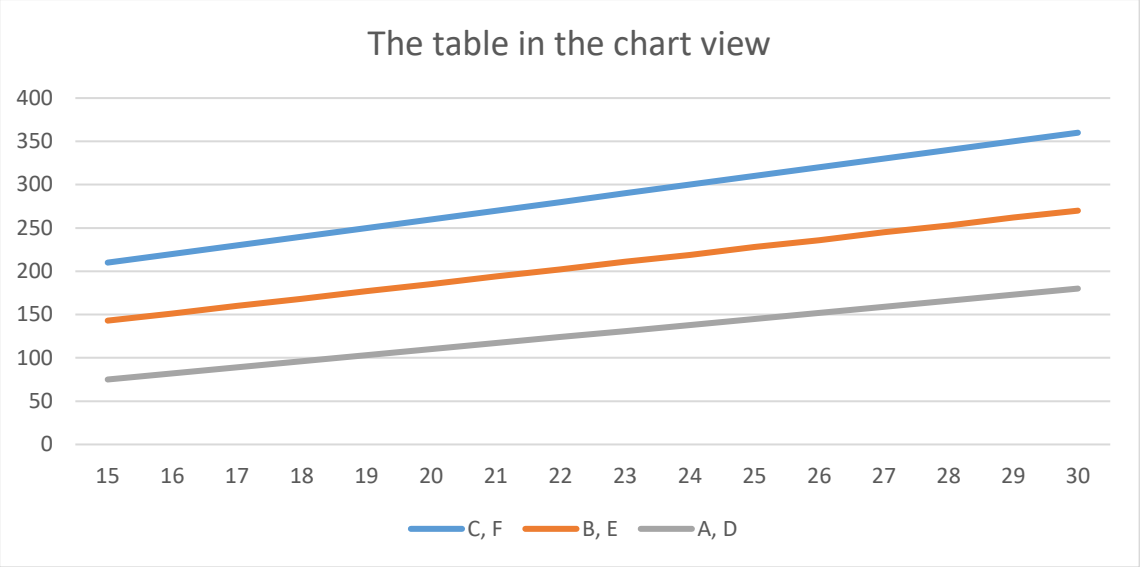
1. In accordance with p. 6.2. of the Appendix 2 to Annex 1 of the ATP:

2. The check is processed targeting to reveal, if at the ambient temperature +15°C the temperature inside the empty vehicle body can be lowered within a maximum period (in minutes) to the temperature for the corresponding class of a vehicle as assigned in the following table:

Наружная температура	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	°C
Классы C, F	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	мин.
Классы B, E	270	262	253	245	236	228	219	211	202	194	185	177	168	160	151	143	мин.
Классы A, D	180	173	166	159	152	145	138	131	124	117	110	103	96	89	82	75	мин.

3. In the p. 6.2. of the Appendix 2 to Annex 1 of the ATP only the minimum parameter on the ambient temperature +15°C is stated and no maximum parameter on the ambient temperature is indicated. Along with this in that table there are no time parameters (in minutes) for accepting the results at the ambient temperature above +30°C, although in many countries in summer period the temperature exceeds +30°C.

4. If the values in that table are brought into the graphic view, you can see that there is a linear dependence of the time (herein further – time) during which the internal temperature of the empty vehicle body can be lowered to the temperature assigned for the given class of the vehicle:



5. For the vehicles of the classes C, F the time increase in 10 minutes is provided for the increase of the ambient temperature in 1°C;

6. For the vehicles of the classes A, D the time increase in 7 minutes is provided for the increase of the ambient temperature in 1°C;

7. For the vehicles of the classes B, E the time increase in 8 minutes or 9 minutes by turn is provided for the increase of the ambient temperature in 1°C.

8. Would you, please, clarify, if the check of the effectiveness of the thermal equipment of the vehicles can be processed at ambient temperature above +30°C under condition that the value of the maximum time is defined by calculation according to the above brought dependence.

9. Russian Federation is ready to prepare for the next session the proposal on the including the amendments to the p. 6.2. of the Appendix 2 to Annex 1 of the ATP in the form of adding the table with time values under condition of the ambient temperature from +30°C to +45°C.