

WP.11/2008/64/INF.8

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Perishable Foodstuffs

Sixty-fourth session

Geneva, 14-17 October 2008

Item 5 (a) of the provisional agenda

PROPOSALS OF AMENDMENTS TO THE ATP

Annex 1, Appendix 2, paragraph 49

Transmitted by the Netherlands

Introduction:

During the discussions in the 63rd session of WP.11 (November 2007) about the allowed test durations for equipment with thermal appliances it was suggested to find a compromise by taking the mean/average of the durations as proposed in the tables in 2007/10 & INF 6 (Netherlands) and 2007/17 (France). A decision was not possible at that stage because this change would require national consultation.

In a meeting between the French and Dutch representatives in the summer of 2008 the table with test durations arrived at from the compromise was discussed and evaluated. As a result the duration for tests for Class A, D and B, E are in general shortened in relation to the French proposal 2007/17.

Included in this document is a reworded proposal for the text accompanying the table. This text is based on the proposal in document 2007/17 of France but with repetitive parts taken out and text added for dependent equipment.

Proposal:

Amend paragraph 49. Annex 1, Appendix 2 to read:

- (b) Mechanically refrigerated equipment
- (i) **Independent equipment constructed after [DD MM YYYY]**

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 **to the class temperature within a maximum period (in minutes), as prescribed in the table below.**

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

(ii) **Independent equipment constructed before [DD MM YYYY+ one day] and dependent 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 of 6 hours:

In the case of equipment in classes A, B or C, to the minimum temperature, as prescribed in this annex;

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.

Justification:

The principle of the proposal of France to have a comparable test irrespective of the outside temperature is supported by the Netherlands. Based on actual “field tests” we are of the opinion that the allowed duration of the test should be extended in respect to those durations given in document 2007/17 of France. The reason for this is the wide variety of parameters of influence on the test such as changes of the ambient temperature during the test and solar radiation.

To come to a conclusion on the issue a compromise was suggested in the 2007 session of WP.11.

Discussions between France and the Netherlands have led to a new proposal.

For ease of comparison the tables of the various proposals are given below:

The table of document 2007/10 and INF 6 of the Netherlands

| Outside temperature | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | °C |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Class C, F | 360 | 352 | 344 | 336 | 328 | 320 | 312 | 304 | 296 | 288 | 280 | 272 | 264 | 256 | 248 | 240 | min |
| Class B, E | 300 | 292 | 284 | 276 | 268 | 260 | 252 | 244 | 236 | 228 | 220 | 212 | 204 | 196 | 188 | 180 | min |
| Class A, D | 240 | 232 | 224 | 216 | 208 | 200 | 192 | 184 | 176 | 168 | 160 | 152 | 144 | 136 | 128 | 120 | min |

The table of document 2007/17 of France

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

The table with the mean/average durations between 2007/10 & INF 6 and 2007/17

| Outside temperature | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | °C |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Class C, F | 360 | 350 | 340 | 330 | 320 | 310 | 300 | 290 | 280 | 270 | 260 | 250 | 240 | 230 | 220 | 210 | min |
| Class B, E | 300 | 290 | 279 | 269 | 259 | 248 | 238 | 228 | 217 | 207 | 197 | 186 | 176 | 166 | 155 | 145 | min |
| Class A, D | 240 | 229 | 219 | 208 | 197 | 187 | 176 | 165 | 155 | 144 | 133 | 123 | 112 | 101 | 91 | 80 | min |

The table resulting from French / Dutch meeting in the summer of 2008 (as proposed above)

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

The proposal in document 2007/17 of France includes text which is repetitive. For this reason we include a reworded text in this document.

We are not in the position to accept the additional requirements for dependent equipment in the way it is added as an “informal proposal” at the end of the proposed amendments in document 2007/17. First we need to have sufficient proof that the test is not too stringent on this special category of equipment. The reworded text proposed in this document expresses the special status of dependent equipment.