

**Economic and Social Council**Distr.: General
16 August 2024

Original: English

Economic Commission for Europe**Inland Transport Committee****Working Party on the Transport of Perishable Foodstuffs****Eighty-first session**

Geneva, 29 October – 1 November 2024

Item 5 (b) of the provisional agenda

**Proposals of amendments to ATP:
new proposals****Amendment to Model Test Report No. 12 of annex 1,
appendix 2 for simplified retrieval and/or attribution of the
data in the ATP test reports of individual refrigeration units****Transmitted by the Government of Germany***Summary*

Executive summary:	Use of a standardized test report for simplified retrieval and/or attribution of the data in ATP test reports of individual refrigeration units
Action to be taken:	Amend annex 1, appendix 2, Models of test reports – Model No. 12
Related documents:	

Introduction

1. Data used as a calculation basis for the dimensioning and certification of refrigerated multi-temperature equipment in accordance with the ATP Agreement annex 1, appendix 1, section 7.3 or for authentication of the declaration of conformity as a supplementary document to the ATP certificate of compliance (Model No. 14), and/or required if an appropriate calculation tool recognized by the competent authority is used (Multitemp calculator-Tool), frequently cannot be retrieved from the respective ATP test reports of individual refrigeration units, and/or cannot be attributed reliably.
2. In some cases, the ATP test reports of various ATP test stations differ in structure and the data relevant for the declarations of conformity supplementing the ATP certificates of compliance is frequently difficult to find for the authority.



3. We therefore suggest that a standardized ATP test report, which more clearly specifies the parameters needed for MT calculation, be used when compiling ATP test reports for refrigeration units in the future.

Proposed amendment

4. Amend annex 1, appendix 2, Models of test reports, Model No. 12 by adding a new point (d) followed by (e) Remarks:

“(d) Full overview of the results of measurements of the nominal, individual and effective refrigerating capacities:

Air temperature at the inlet to the evaporator/condenser	Total nominal refrigerating capacity	Individual and effective refrigerating capacity		Individual and effective refrigerating capacity	
	Name of evaporator	Name of evaporator n		Name of evaporator n+1	
°C	W	W	W	W	W
		Individual	2 evap.	Individual	2 evap.
Method of drive n					
-20/30					
-10/30					
0/30					
Method of drive n+1					
-20/30					
-10/30					
0/30					

Additional optional information:

	Name of evaporator	Name of evaporator n		Name of evaporator n+1	
Air flow volume*	Method of drive (description of electrical power supply (AC/DC), voltage, frequency etc.)	Method of drive n (description of electrical power supply (AC/DC), voltage, frequency etc.)	Method of drive n+1 (description of electrical power supply (AC/DC), voltage, frequency etc.)	Method of drive n (description of electrical power supply (AC/DC), voltage, frequency etc.)	Method of drive n+1 (description of electrical power supply (AC/DC), voltage, frequency etc.)
m ³ /h					

*Air flow volume leaving the evaporators/fans in accordance with ISO 5801 is recommended (at a static pressure of 0 Pa).

The air flow volume information is optional. If this information is taken from a test report, the reference data must be included.”

5. Amend annex 1, appendix 2, Models of test reports, Model No. 12 (a) by synchronizing the wording of the last line of the table “Heat exchangers” with the last line of the table “Heat exchangers” in Model No. 13 (a)

“

FANS	Number		
	Number of blades per fan		
	Diameter (mm)		
	Nominal power (W) ^{2,3}		
	Total nominal output at a pressure of..... Pa (m ³ /h) ²		
	Method of drive (Description direct current / alternative, frequency, etc.)		

”

Impact

Cost: No impact.

Environment: No impact.

Feasibility: The proposed amendment can easily be implemented in ATP. A transitional period is not needed.

Enforceability: No problems are expected.
