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Item 6 of the provisional agenda

ATP Handbook

Two proposed amendments to the ATP Handbook

Transmitted by the French Government

I. Acceptable changes in relation to the test report of an insulated unit

Background

1. ATP allows for a number of alterations to serially-produced equipment in relation to the respective test report.
2. Alterations may be made to surfaces, openings, and the thickness of insulating material. Permitted alterations to surfaces are specified (+ or -20%) but not the other types of alteration.
3. Alterations must not reduce the insulating capacity of the equipment but ATP does not give more detail.
4. It follows that interpretations may vary between countries or competent authorities. It would therefore be useful to specify which changes are acceptable.

Proposal

5. The proposal is to add a table to the ATP Handbook showing whether or not a given unit or accessory may be replaced with another. The table would cover all openings:

Doors with 1, 2, 3 or 4 wings,

Insulating curtains,

Insulating tailgates and canopies,

Vents.

6. This table could then be supplemented by a table showing other accessories such as rub rails, rails, controls, etc.

Impact

7. This proposal will clarify the situation, provide transporters with simple standard rules and avoid differences in interpretation between countries, individuals and businesses.
8. It will also save a good deal of time.

Proposed amendment to the ATP Handbook

9. It is proposed that the text in italics below be added to Appendix 1 of Annex 1 of the ATP Handbook:

Annex 1, Appendix 1

PROVISIONS RELATING TO THE CHECKING OF INSULATED, REFRIGERATED, MECHANICALLY REFRIGERATED OR HEATED EQUIPMENT FOR COMPLIANCE WITH STANDARDS

[...]

6. (a) New equipment of a specific type serially produced may be approved by testing one unit of that type. If the unit tested meets class specification, the resulting test report shall be regarded as a Type Approval Certificate. This certificate shall expire at the end of a period of six years beginning from the date of completion of the test.

[...]

- (c) A unit shall not be regarded as being of the same type as the unit tested unless it satisfies the following minimum conditions:

- (i) If it is insulated equipment, in which case the reference equipment may be insulated, refrigerated, mechanically refrigerated or heated equipment, the construction shall be comparable and, in particular, the insulating material and the method of insulation shall be identical;

Comment 1.1

[...]









































































































































































the inside surface area of the body shall not be as much as 20% greater or smaller;

General comment

The table below shows what components are considered acceptable as replacements for equipment mentioned in the test report

Alteration permitted: green (or light grey if image is in black and white)

Alteration not permitted: red (or dark grey if image is in black and white)

Openings as per reference equipment (test report)	Alterations not impeding issuance of ATP certificate												Equivalents	
														
														In compliance with ATP
														
														
														
														
														
														
														
														
														
														
n multi-wing doors m single-wing doors			(n + m) maximum multi-wing											

II. Electrically powered refrigerated transport units

Background

10. New vehicles are using an increasingly diverse range of energy sources. It is sometimes difficult to decide which is the correct provision of ATP or to determine whether a test exists.

11. This may lead to different interpretations by the competent authorities and divergences between test stations.

12. The proposal is to create a table cross-referencing the types of power supply used in compression units and the tests to be carried out in the most commonly found situations. This table may be introduced into ATP as a new technical annex or into the ATP Handbook.

Proposal

13. The proposal is to add a table to the ATP Handbook showing what procedure to follow for a given unit's power supply.

Impact

14. This proposal will clarify the situation, provide transporters with simple standard rules and avoid differences in interpretation between countries, individuals and businesses.

15. It will also save a good deal of time.

Proposed amendment to the ATP Handbook

16. It is proposed that the table below be added to Appendix 1 of Annex 1 of the ATP Handbook:

Annex 1, Appendix 1
[...]

Power source	Original unit type (compression)		
	Battery-powered unit	Pulley motor unit	Self-contained unit
Diesel motor of the unit			ATP self-contained unit test
Vehicle battery and alternator	ATP battery-powered unit test		
Hybrid vehicle battery	ATP battery-powered unit test		
As above + converter or mains supply		ATP pulley motor unit test	ATP self-contained unit test
Independent dedicated battery with mains supply	National		
Independent dedicated battery and converter for mains supply	National	National	National
Mains alone (stand by)	No	No	No
Electric unit, mains supply	ATP self-contained unit test	ATP self-contained unit test	ATP self-contained unit test
Electric unit, battery powered	ATP self-contained unit test	ATP self-contained unit test	ATP self-contained unit test
	Configuration not technically possible		
	ATP certificate not possible		
	Normal ATP with the report of the original unit		
	ATP possible with special testing of the unit		