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## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on the Transport of Perishable Foodstuffs

##### Eightieth session

Geneva, 24–27 October 2023

Item 5 (a) of the provisional agenda

##### Proposals for amendments to ATP:

##### Pending proposals

## Classification of equipment powered by an electrical power source

### Transmitted by the Government of France

#### *Summary*

<b>Executive summary:</b>	The aim of this proposal is to clarify the classification of equipment powered by an electrical power source during all phases of transport.
<b>Action to be taken:</b>	None
<b>Related documents:</b>	None

## Introduction

1. It is no longer possible for ATP to ignore the pressure coming from new technologies, first and foremost, equipment powered by electric storage batteries, dedicated or otherwise. Such batteries may even be charged while the vehicle's engine is running and the refrigeration equipment is operating. There is no denying that electric storage batteries make for greater flexibility, but where does equipment of this kind, powered by mixed power sources, fit in with the two types of conventional equipment addressed by ATP?
2. Non-independent equipment is defined in annex 1, appendix 2, paragraph 6.2.2 (i), as: "Non-independent equipment, the refrigeration unit of which is powered by the engine of the vehicle". The equipment bears a specific marking, "X", to facilitate identification, particularly when passing through a border post.
3. Any other type of equipment, including equipment that uses electric power supply technology during the transport phase, is therefore considered to be "independent".
4. In French, the term "*autonome*" ["independent"], applied to a piece of equipment, is defined by:



- The ability of the equipment to operate independently of its environment
  - The length of time it can operate independently
5. The criteria for classification as “independent” do not include length of operating time. We therefore submit a series of two proposals aimed at:
- Providing a definition of independent equipment;
  - Clarifying the classification of an electrically-powered thermal device (for on-road mode).

## **I. Proposal**

6. In line with the definition of non-independent equipment given in paragraph 6.2.2 (i) of annex 1, appendix 2 of ATP and the proposed definition of independent equipment, it is proposed to classify as “independent” any equipment powered by an electrical power source during any phase of transport.

## **II. Rationale**

7. Identify the classification of equipment powered by an electrical power source during any phase of transport, with the aim of harmonizing practices between the competent authorities and standardizing the rules for marking equipment, mainly by affixing the letter X.

## **III. Costs**

8. None

## **IV. Feasibility**

9. There are no additional requirements for official ATP test stations.

## **V. Enforceability**

10. No problems are foreseen in implementing the proposal.

## **VI. Introduction of the proposed amendment to ATP**

11. None

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