

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

107th session

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Geneva, 11-15 November 2019

Item 5 (a) of the provisional agenda

**Proposals for amendments to annexes A and B of ADR:
construction and approval of vehicles**

Implementation of the requirements of 9.2.2.2.1 on cables

Transmitted by the Government of France

Summary

Executive summary: The requirements of 9.2.2.2.1 on the cables used in the different electrical circuits of EX, FL and AT vehicles seem to pose some problems of application.

An exchange on these subjects would be desirable.

Related documents: ECE/TRANS/WP.15/2018/8.

Introduction

1. To improve the safety of vehicles, ISO standards were introduced in ADR 2017 for the conformity of cables used in the different electrical circuits. This requirement in 9.2.2.2.1 is applicable to EX/II, EX/III, FL and AT vehicles.
2. During the 105th session of WP.15, document ECE/TRANS/WP.15/2018/8 presented some problems of implementation of this new requirement. Some delegations recognised that it could be difficult to get cables conforming to these standards in certain countries and that these cables were not used in all standard vehicles converted later for ADR purposes.
3. This last point seems to be the most problematic. This requirement on the cables now apply to EX/II vehicles, which was not the case before. These vehicles are often commercial vehicles such as vans which need to be equipped later to meet the requirements of Chapter 9.3. The original electrical wiring of these vehicles is generally not in conformity with 9.2.2.2.1; it has therefore to be completely replaced in order to comply.

Discussion

4. We would like to know the opinion of the members of the Working Party on this problem and how they solved it for EX/II vehicles.
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